Getting Started

Exported: 5/15/2026

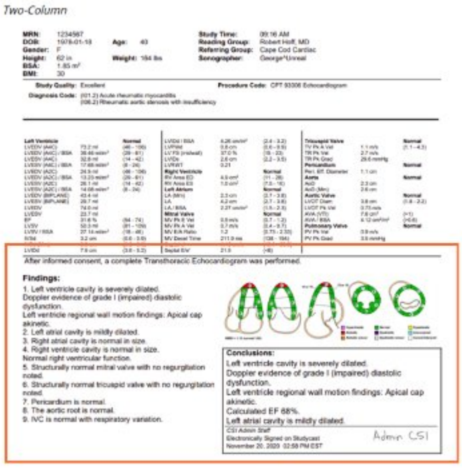
3 articles

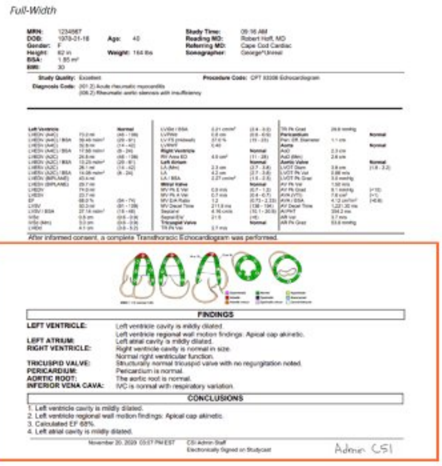
Table of Contents

My Choices Forms

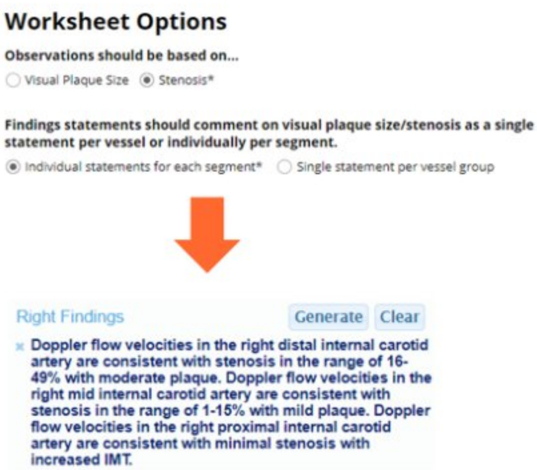
Our default settings on our worksheets follow current industry standards, but the My Choices forms let you personalize a few details, like how reports look or how certain items are labeled.

For example, on the echo worksheet, the default layout uses two columns [click], with findings and conclusions side by side. But if you prefer, you can switch to a full-width layout [click], which separates each section with clear headers.





Here's another example using the Carotid worksheet. The default option gives detailed findings with observations per segment, resulting in a longer report. For a shorter, more concise summary, you can choose the 'short' option, which creates findings by plaque size and vessel group.



My Choices forms can be completed or updated at any time, both during implementation and after. Simply find the link to the form below with the associated study type, fill in the information, and submit.

Please allow 5-7 business days for changes to take effect in your software.

My Choices Form Links

[General Report Options]

[Abdomen]

How do I setup my machine/equipment to work with Studycast?

What You Need

In order for a modality (ultrasound, nuclear camera, ABI machine, x-ray, etc.) to work with Studycast you'll need a few things.

1. The Studycast upload application, CoreGateway, is installed on a Windows PC (laptop, workstation, or server) (see below for instructions)
2. A DICOM-compliant imaging device
3. A network cable to connect both devices to your office network (LAN), or a network crossover cable to connect your laptop and machine together.
4. Studies to upload. For automatic population of values and measurements on the Studycast worksheet (primarily for ultrasound studies) you should prepare sample exams for each study type you perform. These studies should be comprehensive, with values captured using the calculation packages on your device.

It's also important that you have any administrator credentials or passwords needed to install software on your computer. If the computer is managed by an IT department in your organization, you may need their assistance or approval to install the CoreGateway application.

Step 1: Download CoreGateway

CoreGateway is the Studycast uploading application, which receives studies and securely uploads images.

CoreGateway should be installed on a device that is on the same network as your imaging device or connected to your imaging device via a crossover/ethernet cable.

Administrators and users with the Download CG permission can easily install CoreGateway right from the Studycast application. Just click the CG Download icon and follow the steps to complete the installation.

Note for UltraLinQ Clients: Once you install CoreGateway, you will not be able to upload studies to UltraLinQ. Please work with the Studycast Customer Success team to plan your transition from UltraLinQ to Studycast.

What you will need:
Windows computer with administrative access

As part of the installation, you will see an option to configure this CoreGateway on Studycast. Click this option and select the division to which these studies should be uploaded.

Completing this step before your modality configuration appointment will help to expedite that appointment.

Ensure that " Enable automatic updates is selected

Step 2: Scheduling Your Appointment

Once you have the items above and downloaded CoreGateway, contact Studycast Support to schedule a time to complete the setup. When calling to schedule your installation and configuration appointment, the support team member will ask you for the following information:

1. Your name and contact information (email and phone number)

2. Your Studycast username
3. The Division on the Studycast account for your facility that the studies will be associated with.

The appointment typically takes 30 to 60 minutes but varies based on factors like the number of devices being configured, and number of unique study types (echo, carotid, venous) you'll be sending to Studycast.

How to Download CoreGateway

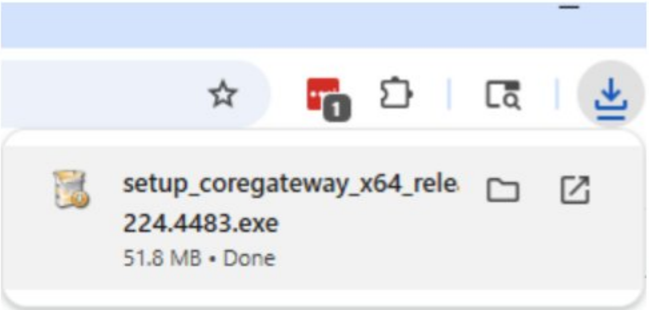
Download CoreGateway

CoreGateway is the Studycast upload application that receives studies and securely uploads images.

CoreGateway should be installed on a Windows device on the same network as your imaging device or connected to your imaging device via a crossover/ethernet cable. You will need administrative credentials on the device to complete this installation.

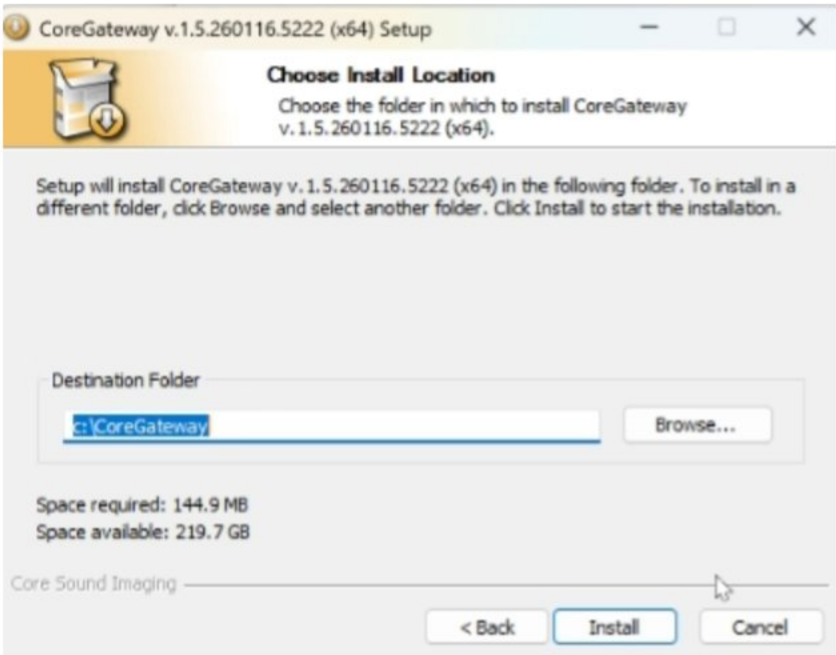
Step 1: Download CoreGateway

Click the Download button to download the CoreGateway Installer. Double-click to continue with the installation and save the installer to your computer.



Step 2: Install CoreGateway

Keep moving through the installation process by clicking "Next," accepting the license terms, and installing CoreGateway.

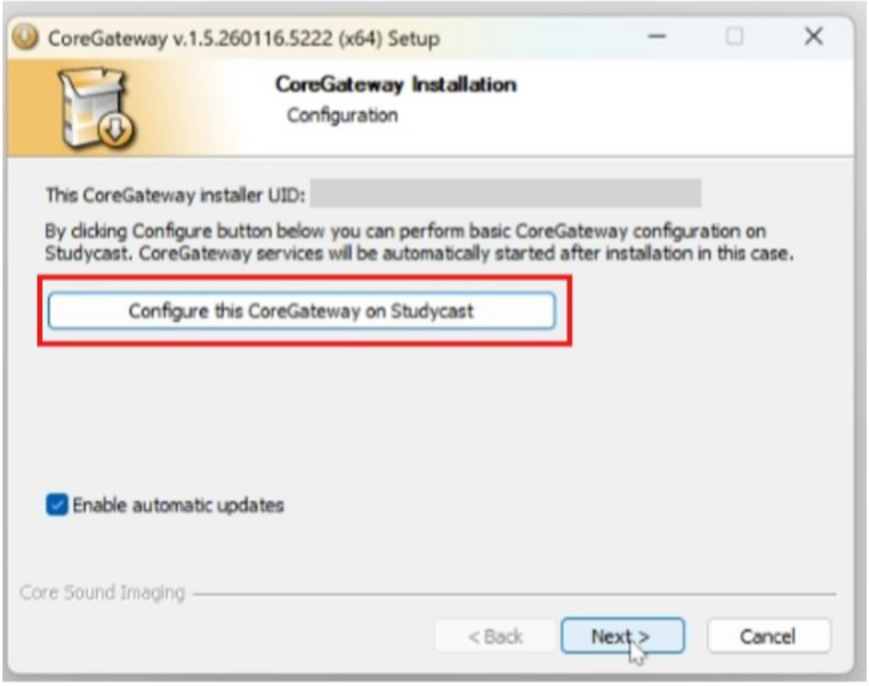


Step 3: Configure your CoreGateway

You'll see a window pop up asking you to configure this CoreGateway on Studycast. Just click the button!

You'll also notice a checked box on the screen for Enable automatic updates. We suggest keeping this checked.

Your CoreGateway will look for updates at 2 a.m. EST and install them automatically, so you're always running the latest version.

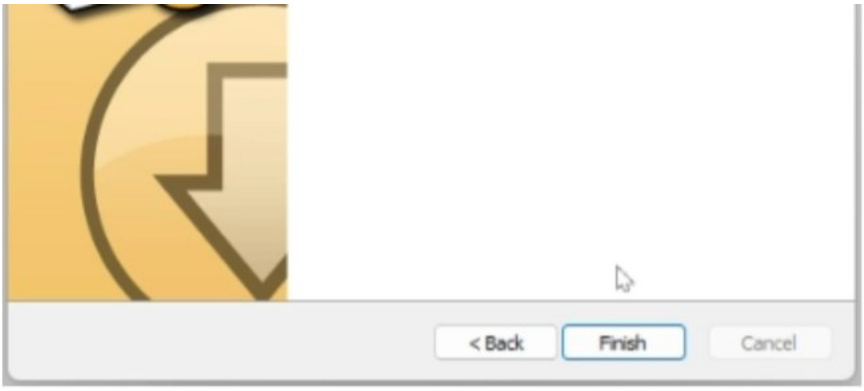


Step 4: Select your Division

Clicking on "Configure this CoreGateway on Studycast" will open a new browser tab, where you can select the specific division to which this CoreGateway will upload studies. Once you've chosen your division, just click "Configure".

Step 5: Finish Installation

Navigate back to the installer (your browser may be covering it on your screen). Click Finish to complete the installation.



Modality Configuration

To configure your imaging modality, you will need to enter the following information, typically on the Network or Device tab within the modality settings.

Port: 10104

IP Address: The IP address will be the IP address from the computer or server on which CoreGateway is installed. This system should have a static or reserved IP address so that it remains constant.

AE Title: Coregateway

To determine the IP address on your computer:

Go to Network & Internet settings on your CoreGateway device.

Select Ethernet.

Locate your IP address listed next to IPv4 address.

If you need further assistance configuring your imaging modality, please schedule an appointment with the Support team. You will need to set aside about 30 minutes per imaging device for configuration. To get started, you'll need:

Your imaging or diagnostic equipment

A network connection. We'll guide you through the rest.

Administrators

Exported: 5/15/2026

87 articles

Table of Contents

SMS Gateways

All major wireless carriers offer an SMS gateway that allows text messages to be sent into and out of their wireless network. Notifications sent as text messages use these gateways. To send notifications as text messages, you must follow the address format provided by each wireless carrier.

For example, if you want to send text notifications to a user's Verizon mobile number, (123) 456-7890, you would send it to 1234567890@vtext.com.

Wireless Provider	SMS Address Format
AT&T	1234567890@txt.att.net
Boost Mobile	1234567890@myboostmobile.com
Cricket	1234567890@sms.mycricket.com
Project Fi	1234567890@msg.fi.google.com
Sprint	1234567890@messaging.sprintpcs.com
T-Mobile	1234567890@tmomail.net
US Cellular	1234567890@email.uscc.net
Verizon	1234567890@vtext.com
Virgin Mobile	1234567890@vmobl.com

Messages sent through an SMS gateway are limited to 160 characters. Longer messages are broken into multiple texts or are truncated.

Set Up Notifications

The Studycast system can be set up to notify doctors automatically when studies are ready for review or are approved. Notifications can be sent by email, fax, or text message (SMS). To look up the correct SMS address format, see SMS Gateways.

To set up notifications, you must contact support at support@studycast.com

Once notifications are set up, the administrator can add to the list of doctors and other users who receive the notifications. You can manage the notifications list for reading groups and referring groups, as well as for the client as a whole. To manage a list for a reading or referring group,

Notification Lists for Reading and Referring Groups

1.Click Admin on any page.

2.In the menu on the left, select the type of group whose notifications list you want to manage, Reading groups or Referring groups.

3.Find the group in the list and click the edit icon in the ID column.

4.Select the Notifications tab.

5.In the text box, enter an email address, phone number, or SMS address, and click Add. To look up the correct SMS address format, see SMS Gateways.

6.When you are finished adding numbers and addresses, click Save at the top of the page.

To remove an item from the notifications list, click the X next to that item.

Notification Lists for the Client (all users)

To manage a list for the client as a whole,

1.Click Admin on any page.

2.Select the Notifications tab.

3.In the text box, enter an email address, phone number, or SMS address, and click Add. To look up the correct SMS address format, see SMS Gateways.

4.When you are finished adding numbers and addresses, click Save at the top of the page.

To remove an item from the notifications list, click the X next to that item.

Two-Factor Authentication

Two-Factor Authentication (2FA) provides additional security for your Studycast account by requiring users to enter an access code at login in addition to the username and password. Your Studycast admin controls the 2FA policy for your account and can choose to require it, offer each user the choice of whether to use it, or disable it for all users.

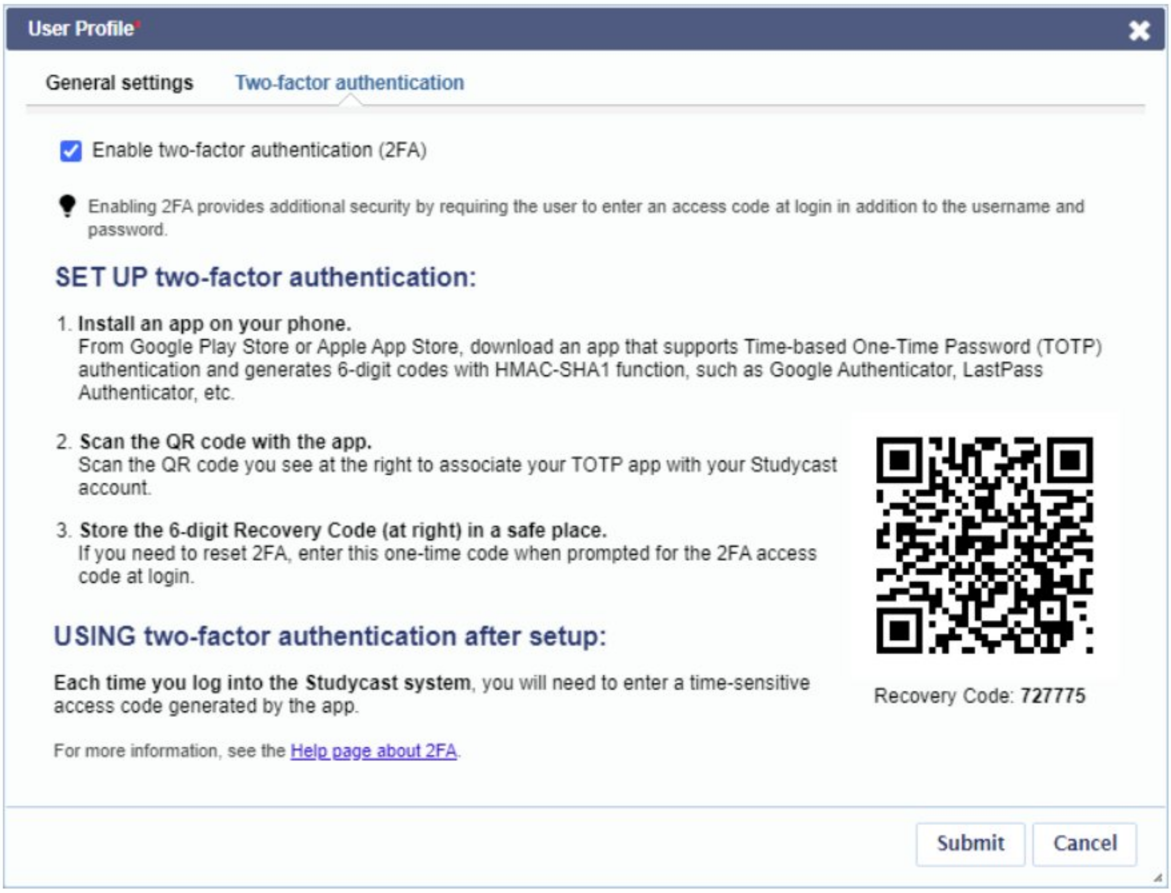
Enable and Set Up Two-Factor Authentication

If 2FA is required, or if it is allowed and you choose to use it, you will need to set it up before you can use it.

To set up 2FA:

Install an app on your phone or other mobile device that supports Time-based One-Time Password (TOTP) authentication and generates 6-digit access codes with HMAC-SHA1 function, such as Google Authenticator, LastPass Authenticator, etc. Keep in mind that you will use this device to generate an access code each time you log into the Studycast system.

Log into the Studycast system. On the Studies page, click Profile in the top right. The User Profile window opens.



In the User Profile window, select the Two-factor authentication tab.

Check the Enable two-factor authentication (2FA) box (if not already checked).

Scan the QR code using the app on your mobile device. Scanning the code will associate your Time-based One-Time Password (TOTP) app with your Studycast account.

Click the Submit button.

In the Verify Two-factor authentication setup window, enter the access code currently displayed in the app on your mobile device.

Click the Verify button.

Two-factor authentication is now enabled and set up. The next time you log into the Studycast system, you will need to enter the access code displayed in the app on your mobile device. The access code is time sensitive, and the app will generate a new one every 30 seconds.

Use the Recovery Code to Log In

A recovery code is displayed on the Two-factor authentication tab of the User Profile window. Store this recovery code in a safe place.

If you need to log in without the mobile device that has the authenticator app, you can use the recovery code to log in. Note that this recovery code can only be used one time. When you use it, a new QR code will be displayed in the User Profile window. You will need to scan this new code and follow the steps above to set up 2FA again.

After you use the recovery code, a new recovery code will also be displayed in the User Profile window. Be sure to store this new recovery code in a safe place.

Edit Study Properties

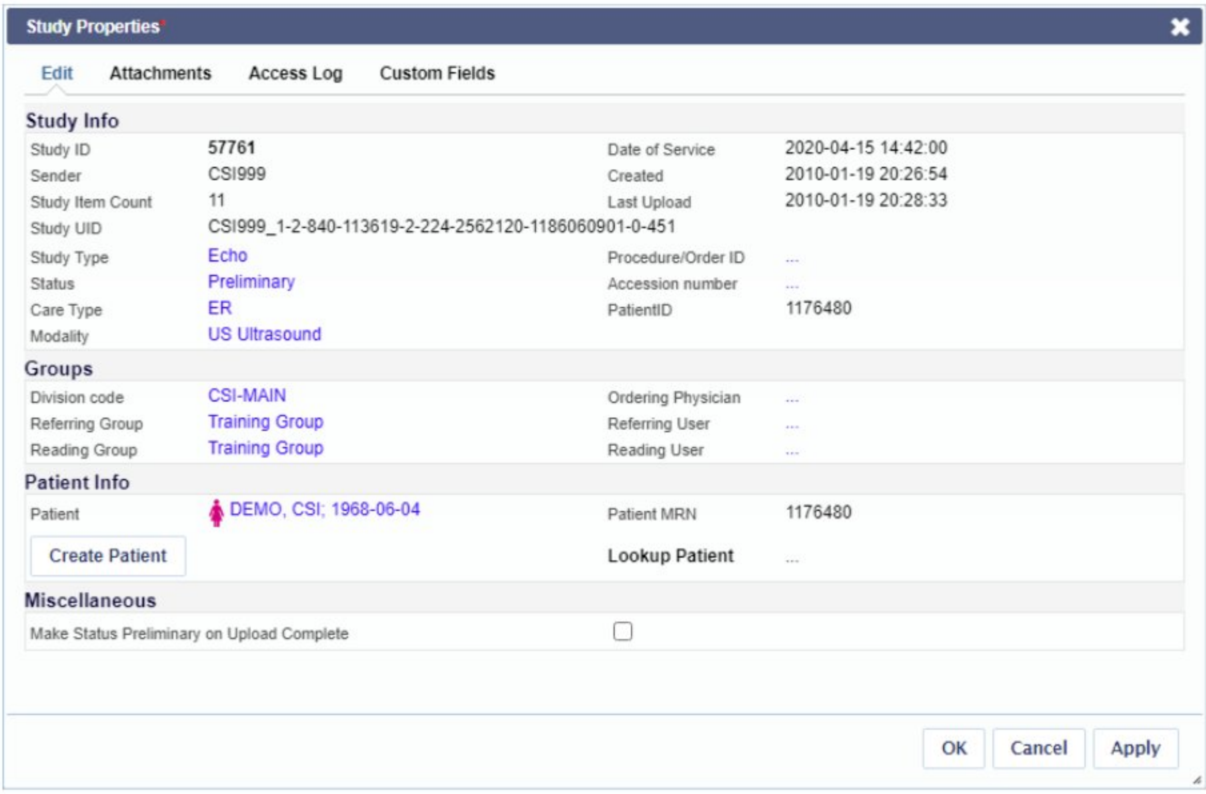
Edit Study Properties

See this article in [Studycast Help]()

The **Study Properties** window displays information associated with the selected study.

View or Edit Properties for a Single Study

To view or edit the properties for a single study, click the Study ID on the Studies page. The **Study Properties** window opens.



This window contains four tabs:

Edit: Displays the Study Info, Groups, Patient Info, and an option to make status preliminary on upload complete, which only applies if studies are uploaded with the CoreGateway™ uploader. Some text can be edited. To edit, click the text. Empty fields display dots (**...**). Click the dots to enter text.

Attachments: Lists the study's attachments. To add an attachment, click **Attach file**.

Access Log: Displays the list of actions performed on the selected study. Other columns indicate the date and time, user, IP address, and location, along with additional information about the action performed. This tab is available only to users with administrative access.

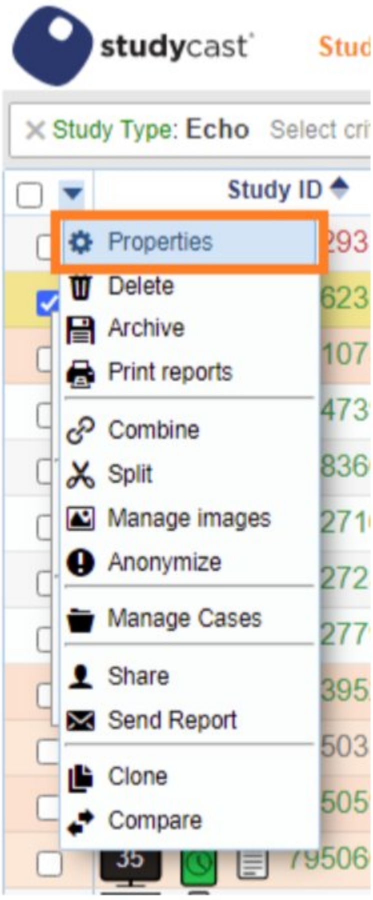
Custom Fields: Columns that display custom fields can be added to your Studies page. To set up custom fields, [contact Studycast support](). If you have custom fields, they are listed here. Data can be entered into these fields only from this tab. To enter data, click the dots (**...**).

View or Edit Properties for Multiple Studies

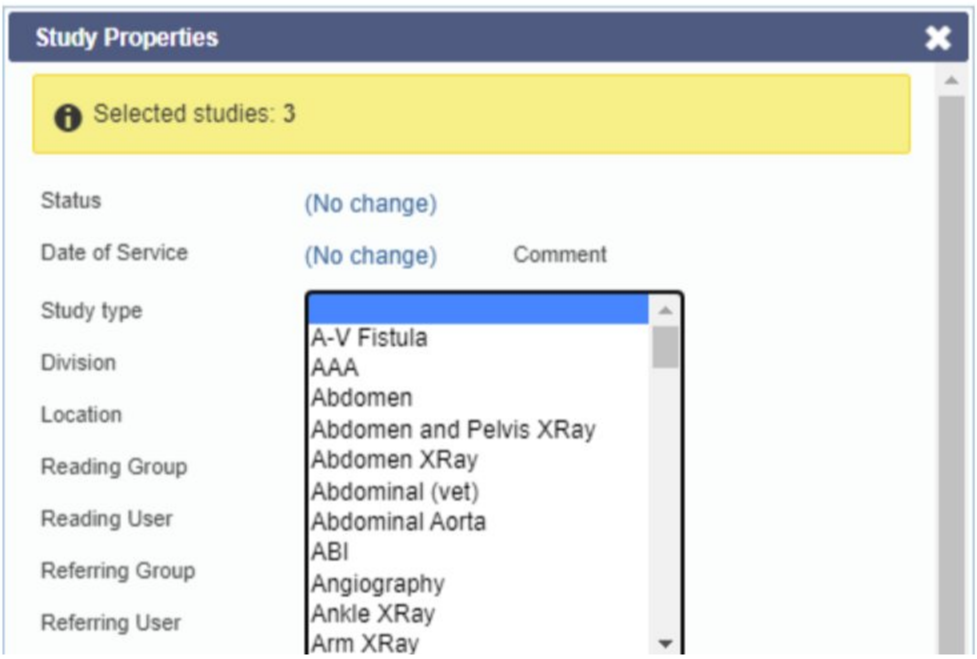
View or Edit Properties for Multiple Studies

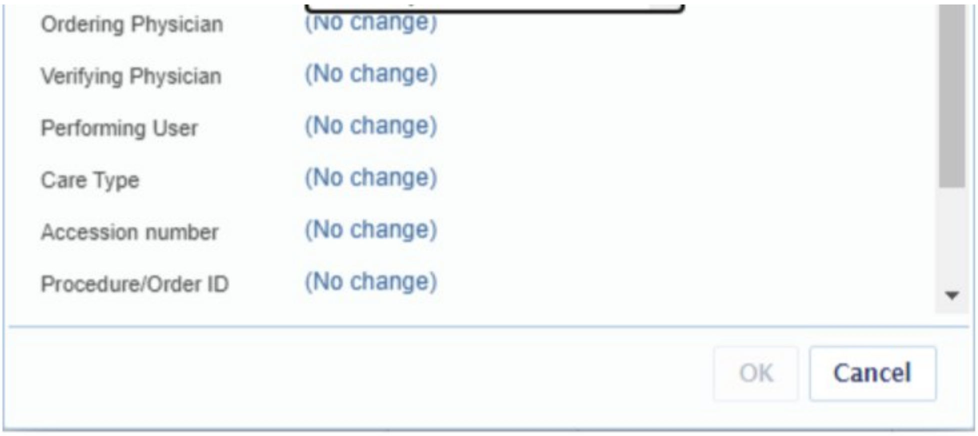
To edit the properties for multiple studies, start from the Studies page.

1. Click the check box next to each study you want to edit.
2. Click the down arrow at the top of the check box column. In the menu that appears, select **Properties**.



The **Study Properties** window opens. It displays only the properties you can change for all selected studies.





3. To change a property, click **No change** and select a different option. If you change the date of service, you can enter a comment to explain the change. If a study's status is Final, you cannot change the Reading Group, Reading User, Referring Group, or Referring User.

4. To apply your selections, click **OK**.

Send Study Report

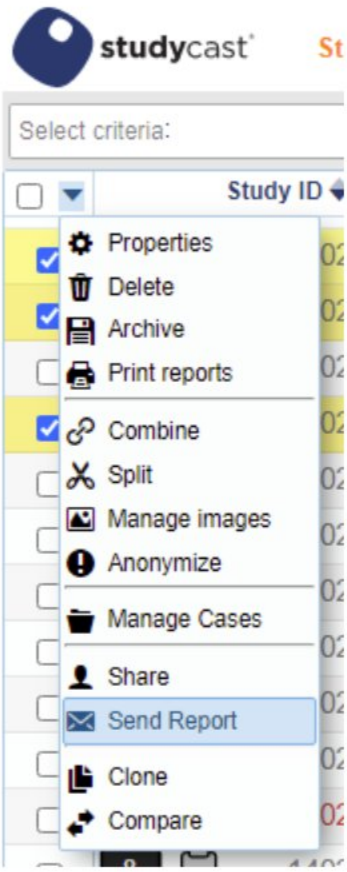
Send Study Report

See this article in Studycast Help

By default, administrative users have access to the Send Study Report feature in the Batch Actions menu.

To send study reports from the Studies page:

1. Click the check box next to each study you want to send to the same recipient(s).
2. Click the down arrow at the top of the check box column. In the Batch Actions menu that opens, select **Send Report**.



3. In the **Send Study Reports** window, enter the recipient's email address or fax number, and click the green plus button. You can enter as many recipients as you want. The subject is optional.

4. Click the **Send** button. You can check the status of the fax on the Notifications Status page.

Add Client Logo to Study Reports

Studycast study reports can be customized to include a logo image. A single logo can be used for all study reports, or you can use different logos for different divisions, reading groups, or referring groups.

If 'Study report logo source = None' under the Division settings, the Studycast logo will display on the report.

If any option is selected for 'Study report logo source' but no logo is available for the selected source, the logo for the next available source will be used for the report. Logo priority is always:

1. Reading/Referring Group
2. Division
3. Client

Acceptable file formats for logos are:

- JPG / JPEG
- GIF
- PNG

Recommended image dimensions are 378 x 258 pixels.

Client Logo

To upload a custom logo for the client:

1. Click Admin at the top of any page. The Client settings section is selected by default.
2. Select the Client logo tab.
3. Click the Select and upload new logo button.
4. Locate and add the image file.

Division Logo

To specify a custom logo for a division:

1. Click Admin at the top of any page.
2. In the menu on the left side of the page, select Divisions.
3. Find the division whose logo you want to add and click the edit icon in the ID column.
4. On the General settings tab, select the Study report logo source (see Manage Divisions for more information).
5. If you need to upload an image for the division, select the Logo image tab.
6. Click the Select and upload new logo button.
7. Locate and add the image file.

Reading Group Logo

To upload a custom logo for a reading group:

1. Click Admin at the top of any page.
2. In the menu on the left side of the page, select Reading groups.
3. Find the reading group whose logo you want to add and click the edit icon in the ID column.
4. Select the Logo image tab.

5. Click the Select and upload new logo button.
6. Locate and add the image file.

For a reading group's logo to be included in study reports, you must also set study report logo source for the division to 'Reading group logo image'. For more information, see Manage Divisions.

Referring Group Logo

To upload a custom logo for a referring group:

1. Click Admin at the top of any page.
2. In the menu on the left side of the page, select Referring groups.
3. Find the referring group whose logo you want to add and click the edit icon in the ID column.
4. Select the Logo image tab.
5. Click the Select and upload new logo button.
6. Locate and add the image file.

For a referring group's logo to be included in study reports, you must also set study report logo source for the division to 'Referring group logo image'. For more information, see Manage Divisions.

DICOM Forward

DICOM Forward

See this article in [Studycast Help]

Forwarding to a Remote Archive

For assistance sending studies to a remote archive such as a PACS or VNA, please contact our Support team. They will need the port, IP, and AE Title of the remote archive that you would like to forward studies to. They will also need the criteria for which studies should forward to the archive.

> **Note:** If you are using a piece of equipment that does not support exporting images in DICOM format, we will not be able to forward the study. This includes MyLab, Sonosite, and Cypress ultrasound equipment.

Automatic Forwarding

Please contact Support to set up CoreGateway TM routing rules for studies that should be automatically forwarded to a DICOM destination upon upload.

Manual Forwarding

To manually forward a study or images from a study after it has been uploaded to Studycast, navigate to the **Studies** page.

1. Click the check box next to each study you want to share.
2. Click the down arrow at the top of the check box column. In the menu that opens, select Forward.
3. In the Forward window, enter the necessary information.
4. **Select items**: Click the button to open the **Select Study Items for Forwarding** window. When the window opens, click the bar for each patient to select items.

   All images are selected by default. Click each image you want to exclude. Excluded images are covered with a large X.

   If you selected multiple studies, click the bar for each study to select items. When you are done selecting images, click **OK**. The **Select Study Items for Forwarding** window closes.
5. In the **Forward** window, click **Forward** to send the message.

Manage Reading Groups

Reading groups can be helpful in managing the assignment of studies to be read. After a reading group is added, studies can be assigned to the group.

To add or edit a reading group:

1. In the main menu, click **Admin**.
2. In the menu on the left, select **Reading groups**.
3. **To add a reading group:** Below the list of groups, click the **Add new Reading Group** button.
   To edit an existing reading group: Find the group in the list and click the edit icon in the ID column.

You will see the same tabs and options whether you are adding or editing a reading group.

General settings tab

In the General settings tab, **Code**, **Name**, and **Name displayed on Final report** are required.

When you create a new group, the **Active** box is checked by default. If the **Active** box is unchecked, studies cannot be assigned to this group. If you wish to deactivate a group, click the box to deselect it and click **Save** at the top of the page. Inactive groups remain available for the Studies page search.

The **Code** field allows a maximum of five alphanumeric characters.

Disable reporting: If this box is checked, study reports are deactivated. Please contact Studycast Support before checking this box.

Notifications tab

The Studycast system can be set up to notify doctors in the group automatically when studies are ready for review or are approved. Notifications can be sent by email, fax, or text message (SMS). To set up notifications, you must contact Studycast Support.

Once notifications are set up, the administrator can add to the list of doctors who receive the notifications.

1. In the text box, enter an email address, phone number, or SMS address, and click **Add**. To look up the correct SMS address format, see SMS Gateways.
2. When you are finished adding numbers and addresses, click **Save** at the top of the page.

To remove an item from the notifications list, click the **X** next to that item.

Logo image tab

Study reports can be customized to include a logo for the reading group. For the reading group's logo to be included, you must also set the study report logo source for the division to **Reading group logo image**. For more information, see Manage Divisions.

To upload an image file for the reading group:

1. Click the **Select and upload new logo** button.
2. Locate and add the image file.

Acceptable file formats

- .jpg/.jpeg
- .gif
- .png

Users tab

Users tab

On this tab you can remove users from the reading group. To remove a user:

1. Uncheck the box next to that user.
2. Click **Save** at the top of the page.

Note: To add a user to a group, you must modify the user. For instructions, see Add Users to a Group.

Archive Studies

To archive studies locally, you can use the Studycast archive feature to create the archive file. To archive studies, start from the Studies page.

Click the check box next to each study you want to archive.

Click the down arrow at the top of the check box column. In the menu that opens, select Archive.

The Archive studies window opens.

Archive Format: You have the option to generate a Zip archive or ISO Image. If you plan to burn the archive to a CD or DVD, choose ISO Image. If you plan to save the archive on a local or network drive, choose Zip archive.

Item Format: You can choose to archive the study in the Original format, Multimedia, or DICOM.

Original: File format that was uploaded - Use when including Studycast image viewer.

Multimedia: Useful for presentations (jpeg/mp4).

DICOM: Medical image format (useful for viewing in DICOM viewer). To see annotations in a non-Studycast viewer, check the Include as permanent burn-in box for Annotations. The archive will include the SR DICOM file if it was uploaded with the study.

Anonymize data: Check the box to anonymize study data.

This option does not affect patient data displayed within study images. To anonymize the study completely, you must mask patient information in the images with annotations first. Be sure the Include as permanent burn-in box is checked.

Include: Choose whether to include the Image Viewer, Study attachments, and/or Study report.

Annotations: If you've made annotations on any of the study's images or loops, you can choose to include the annotations as a separate layer or have them permanently burned into the images and loops. If you include them as a separate layer, they can only be viewed in the Studycast image viewer.

Comment: To add a comment, click the dots and begin typing. This comment can be helpful in identifying the study on the Downloads page when multiple studies are listed.

Click the Archive button to submit the archive request.

Archive Size Limitations

Both ZIP and ISO archive formats have size limitations:

ZIP Max Size = 4 Gigabytes

ISO Max Size = 8.4 Gigabytes

Item format and selected options affect the overall size of your archive.

Original and Multimedia are typically smaller in size because they use the format the image was uploaded to Studycast in. Often this is JPEG for images and MP4 for cine loops.

DICOM images are much larger in size and fewer will fit into a single archive.

If the archive you are trying to create is too large, there are a few things you can try to reduce the size:

Switch to ISO format instead of ZIP

Select fewer studies to include in the archive

Choose Original or Multimedia format instead of DICOM

Exclude the Studycast Image Viewer or Study Attachments

Retrieve Archived Studies

To retrieve your archived studies, click on Downloads in the main menu at the top of the page. The Downloads page indicates the status of each archive request. When the study has been archived, the status will be Completed, and a link will be provided for you to download the study.

Archived studies are available on the Downloads page for one week. The date that each study will be removed from the Downloads page is listed in the Expiration Date column.

The archive will include the SR DICOM file if it was uploaded with the study.

Extract Files from a Zip Archive

If you saved the studies in a Zip archive, you will need to unzip the downloaded file and extract the contents to view the files. To do that:

Open the .zip file.

Click the Extract all files button.

Click the Extract button.

Burn the archive to a CD or DVD

If you chose to archive the studies as an ISO image, place a blank disc in the CD/DVD drive. To burn the disc using Windows Image Burner:

Right click the .iso file and select Burn disc image.

Click the Burn button. The status will indicate when the disc has been burned successfully.

User Permission Favorites

Permission favorites allow you to save a specified set of permissions. This is most helpful if you add permissions outside of the default permissions assigned to the user role.

Admin users can find the permissions favorite on the permissions tab, it is the star in the bottom left.

A batch action is also available that allows assignment of a permission to multiple users at the same time. Click the checkbox(es) to the left of the users you want to grant permission to, then click the drop down at the top of the checkbox column and choose Apply Permission Favorite, then the specific favorite you would like to apply.

Modify User Permissions

Modify User Permissions

As a Studycast Administrator you have the ability to modify the permissions of users on your account.

Each user on Studycast is assigned one of the following user types/roles with a default set of permissions, which can then be further modified if needed:

- Client Administrator
- Client Staff
- Sonographer
- Reading Physician
- Reading Staff
- Referring Physician
- Referring Staff

To modify a users permissions on Studycast, click on the Admin tab, and choose the Users link to view the users on your account.

Click the Edit link for the user account you would like to modify, and click on the Permissions tab.

The active permissions for the users account are displayed with checkmarks in the list of available options. To add/remove any of these permissions check or uncheck the option, then click Save & Close.

Change Patient Properties

> Only admins and designated users can change a patient's demographics or other information.

To change a patient's information:
On the Studies page, Patients page, or worksheet:

1. Click the patient's name. The Patient Properties window opens. This window contains four tabs: Patient, Studies, Guarantor, and Insurance.
2. Some text can be edited. To edit, click the text. Empty fields display dots (…). Click the dots to enter text.
3. To save your changes and close the Patient Properties window, click OK.

Update Your User Profile

To update your user profile, click Profile in the top right of the Studies page. The User Profile window opens, and the General settings tab is selected by default.

Email address

To change the email address associated with your user profile, click the address and begin typing. Then click Submit.

Image viewer

The HTML5 is the default version of the viewer and provides better performance and greater compatibility across devices and operating systems.

Initialize Worksheet Findings

Uncheck this option to disable the automatic generation of Findings statements when a worksheet is first opened.

Look and Feel

Click to choose a different theme.

- Office: Designed for viewing in a typical, well lighted office setting
- Viewing Station (dark): Studycast dark mode / dark theme was designed for viewing in a traditional viewing station or other low-light environment

Change Password

To change your password:

1. On the Studies page, click Profile in the top right corner.
2. In the General settings tab, check the Change password box.
3. Enter your old password. This is the password you used to log into the Studycast system today.
4. Enter a new password that conforms to the security policy listed at the bottom of the window.
5. Enter the new password a second time to confirm.
6. Click Submit.

Your password has been changed. Use the new password the next time you log into the Studycast system.

Delete Browser Data

When checked, Studycast platform data (including cookies, cached images and files, and settings) will be deleted upon user logout.

Two-Factor Authentication

In this tab, you can enable and set up Two-Factor Authentication (2FA), which provides additional security for your Studycast account by requiring users to enter an access code at login in addition to the username and password. For more information, see Two-Factor Authentication.

Apply Presentation States

By default, presentation states display in the Viewer. Uncheck Apply Presentation States in a user's profile to disable displaying presentation states by default

disable displaying presentation states by default.

Devices

To view, activate, or deactivate devices, navigate to the Devices page.

To access this page:

1. In the main menu, click Admin.
2. In the menu at the left, select Devices.

Devices listed on this page will have one of the following statuses:

- Inactive devices cannot upload studies to your Studycast account. All new devices will initially be inactive until they are activated as part of the software installation process.
- Active devices can upload studies to your Studycast account.
- Disabled devices are managed by the Studycast Support team. Please contact Support if a device needs to be enabled.

To activate a device:

1. Click the edit icon in the ID column.
2. Check the Active checkbox to activate the device.
3. Optionally, add a name to easily identify this device. This might be a hostname assigned by your IT department, or an identifier such as "Room 6" or "Sally's Laptop."

To deactivate a device:

1. Click the edit icon in the ID column.
2. Uncheck the Active checkbox to deactivate the device.

> If you would like a device to be permanently blocked from your account, contact Studycast support for assistance. Devices should only be blocked when you are certain you will never want to activate them in the future.

Configure the Patients Grid

The Patients page can be configured to display only the columns that are relevant to you in whatever order you choose. Your configurations are specific to your username and do not affect other users.
To configure the Patients page:

1. Click the Grid Setup button in the lower right corner of the Patients page. The Select columns window appears.
    a. The left side of the window lists columns that are currently displayed in the Patients page. The right side lists columns that are not currently displayed.
    b. To reorder the columns on the Patients page, click and drag each column you would like to move to a different spot in the list.
    c. To remove a column so that it does not appear on the Patients page, click the minus sign next to that column's name in the left side of the window. Removing a column from your Patients page view does not affect the data. You can restore the column to your Patients page at any time.
    d. To add a column to your Patients page that is not currently displayed, click the plus sign next to the column name in the right side of the window. The added column appears at the bottom of the list on the left side of the window. Click and drag it to move the column to a different spot in the list.
2. Click OK to apply your changes and close the Select columns window.

Add Signature Image

An image file of a reading physician's signature can be uploaded to the Studycast system and included in study reports. If no signature image file is uploaded, the study report will include the doctor's name and this text: Electronically Signed on Studycast.

> Only administrators can upload signature image files.

To upload a signature image,

1. Click Admin at the top of any page.
2. In the menu on the left, select Users.
3. Find the doctor's name and click the edit icon in the ID column.
4. Select the Signature tab.
5. Click the Select and upload new logo button.
6. Locate the file and upload it. (Acceptable file formats: .jpg/.jpeg, .gif, .png)

When the doctor approves a study, this image will be included in the study report.

Unlock Username

If a user reaches the threshold for failed login attempts, the username will be locked. As the administrator, you can unlock a user’s locked username. When unlocking a username, it is a good idea to reset the password at the same time. To reset a user’s password and unlock the username,

1. Click Admin at the top of any page.
2. In the menu on the left side, select Users.
3. Find the user whose username you need to unlock and click the edit icon in the ID column.
4. In the General settings tab, click the Unlock account button.

View Access Logs

The Studycast system maintains an access log that records specific actions performed on every study. Only users with admin privileges can view the access log.

View the Access Log for a Single Study

You can view the access log for a single study in the Study Properties window.

1. On the Studies page, click the study ID of the study whose log you want to view.
2. In the Study Properties window, select the Access Log tab.

The log lists the actions performed on the selected study by date and time with the most recent actions at the top of the list. To reverse the order of the list, click the arrows next to the Date/Time header. To sort by a different column, click the column header.

View the Access Log for All Studies

To view the access log for all studies,

1. Click Admin in the menu at the top of any page.
2. In the admin menu on the left side of the page, select Access logs. The log lists every action by date and time with the most recent actions at the top of the list.

To filter the list,

1. On the left side of the search bar, click Select Criteria and select an item from the list.
2. Enter the requested information for the item you selected.
3. Select additional search criteria if needed.
4. When you are finished selecting criteria, click the Search button.

Please Note:

1. Access log searches are limited to 3,000 matching records. If your search returns more than 3,000 matches you will receive an alert message requesting, you to refine your search criteria for additional results.
2. The “Date from” search criteria will automatically be set to 30 days prior from the current date, click on the data field to change the “Date from” range.

Clearing Search Criteria

To remove any item from your search criteria, click the X next to that item.
To clear all search criteria and return to the complete list, click the X to the right of the Search button.

Attach Files to a Study

In the Studycast system, you can attach files to studies. For example, you might want to attach a patient's insurance information to a study or create a non-image study with attachments for EKG or Holter information.

Attach Files to an Existing Study

Files can be attached to a study from the **Study Properties** window.

1. On the Studies page, click the study ID to open the **Study Properties** window.
2. Select the **Attachments** tab.
3. Click the **Attach file** button.
4. Then locate and select file you want to attach.
5. Click the **OK** button to upload the file and attach it to the study.
6. To enter a description, click the dots (…) and enter text.
7. To make the attachment private, click No in the **Private** column and select Yes from the drop-down options. Once it is marked private, only users who have the View Private Attachments permission will be able to view it.

Create a Non-Image Study and Attach Files

> By default, only admins and sonographers/technologists have permission to create new studies manually. If you need for this permission to be added to your account, contact your admin.

It can be useful to create a study in the Studycast system that does not contain images but does have attachments, such as EKG or Holter information. To create a non-image study with attachments, start from the Studies page.

1. In the bottom left corner of the Studies page, click the **New Study** button.
2. In the **Create New Study** window, enter the required information, including study type, assigned physicians, and patient information.
    a. To enter information, click the text you want to edit or the dots for an empty field (…).
    b. If the patient is already in the Studycast system, click the dots (…) next to **Lookup Patient**. If the patient is not in the Studycast system, click the **Create Patient** button to add the patient.
3. Click the **Attach file** button.
4. Then locate and select the file you want to attach.
5. Click the **Create** button to create the new study with the file attached.
    a. To enter a description for the attachment, click the dots (…) and enter text.
    b. To make the attachment private, click No in the **Private** column and select Yes from the drop-down options.

View Attached Files

You can view attached files from several places in the Studycast system:

- **Study Properties window**: On the Studies page, click the study ID to open the Study Properties window. Click the Attachments tab. In the Actions column, click View.
- **Study Viewer**: On the right side of the window, the Attachments tab is red if the study has attachments. To

- **Study Viewer**: On the right side of the window, the Attachments tab is red if the study has attachments. To open an attachment, click the tab and then click View.
- **Worksheet:** If a study has an attachment, the worksheet will contain either an Attachments tab in the Measurements and Observations section or an Attachments button at the bottom of the window.

Delete Attached Files

You can delete an attached file from the Study Properties window. To delete an attached file,

1. On the Studies page, click the study ID to open the **Study Properties** window.
2. Click the **Attachments** tab.
3. In the **Actions** column, click **Delete**.

See Studycast Help for more information about adding and managing study attachments.

Manage Divisions

Manage Divisions

Divisions are an optional way to organize workflows and to define which studies admins, technologists/sonographers, and office staff can access. Divisions do not define which studies reading or referring physicians can access. Their access is based on the assignment of studies to their reading or referring group.

Two common ways of using divisions are to limit access to studies based on location or based on the technologist/sonographer.

To add or edit a division:

1. In the main menu, click **Admin**.
2. In the menu on the left, select **Divisions**.
3. **To add a division:** At the bottom of the page, click the **Add new Division** button.
   To edit a division: Find the group in the list and click the edit icon in the ID column.

You will see the same tabs and options whether you are adding or editing a division. Edits made here apply only to the selected division. Users outside the selected division are not affected.

General settings tab

In the General settings tab, **Code** and **Name** are the only required fields. The **Code** field allows a maximum of five alphanumeric characters.

All other fields are optional.

Disable reporting: If this box is checked, study reports are deactivated. Please contact Studycast Support before checking this box.

Skip New status: If checked, the study status New is not used. The Preliminary status is applied when studies are uploaded.

Skip Reviewed status: If checked, the study status Reviewed is not used. When a reading doctor approves a study, the status is changed from Preliminary to Final.

Study report logo source: Choose the logo that should be included in study reports for users in this division:

- **Division Logo Image:** Study reports will include the logo image you upload in the **Division Logo Image Tab** for this division.
- **Referring Group Logo Image:** Study reports will include the logo image you upload for each referring group in this division. For referring groups that do not have an image, study reports will include the division's logo image. For information about referring group logo images, see Manage Referring Groups.
- **Reading Group Logo Image:** Study reports will include the logo image you upload for each reading group in this division. For reading groups that do not have an image, study reports will include the division's logo image. For information about reading group logo images, see Manage Reading Groups.

Notification error contact: The email address in this field will receive the Notification Error report for the division each morning at 7:00 am if there are any notification errors, such as a fax that could not be delivered.

Notifications tab

The Studycast system can be set up to notify users automatically when studies are ready for review or are approved. Notifications can be sent by email, fax, or text message (SMS). To set up notifications, you must contact Studycast Support.

Once notifications are set up, the administrator can add to the list of users who receive the notifications.

To add a user to this list, enter an email address, phone number, or SMS address, and click **Add**. To look up the correct SMS address format, see SMS Gateways.

To remove an item from the notifications list, check the box next to that item and click **Remove Selected**.

Logo image tab

Study reports can be customized to include a logo. A single logo can be used for all study reports across all divisions, or you can use a different logo for each division, referring group, and reading group.

To upload a logo image for the division:

1. Click the **Select and upload new logo** button.
2. Locate and add the image file.

Acceptable file formats

- .jpg/.jpeg
- .gif
- .png

Users tab

On this tab you can remove users from the division.

To remove a user:

1. Uncheck the box next to that user.
2. Click **Save** at the top of the screen.

Note: To add a user to a group, you must modify the user. For instructions, see Add Users to a Group.

Reconcile Study

The Reconcile batch action lets users associate the correct interface data with a study. Sometimes a user cannot select a worklist entry from their modality worklist before adding images to a study. This may be due to:

- The order is not yet being placed.
- Network problems preventing querying the modality worklist.
- The equipment doesn't support a modality worklist.

Interface information may also be updated after selecting the entry from the worklist.

In any case, the Reconcile batch action allows users to ensure that studies have the correct images, measurements, and order information.

Users need the Reconcile Study permission to use the Reconcile batch action.

Reconcile a study and order information from the Studies page:

1. Select the check box next to the study to reconcile.
2. Select the down arrow at the top of the check box column and select Reconcile. The Reconcile Study window opens.
3. The Reconcile Study window displays available orders for the patient and division to associate with the study. Select the check box next to the correct order then select Reconcile.
    - Use the Advanced Lookup option to search by patient name, ID, or accession number.
4. The Reconcile Study page then shows the changes to the study and patient (if any) information. Select which information to include with the study.
5. Select Confirm to finish reconciling the interface and study data.

Forwards

The Forwards page indicates the status of each DICOM forward.

Status	Description
Queued	A forward request was submitted. The job is currently waiting to start.
Processing	The study is currently being forwarded.
Completed	The study has been forwarded.
Canceling	The forward request is currently being canceled.
Canceled	The forward request has been canceled.
Error	An error occurred. You will need to submit the forward request again.

When the study has been forwarded, the status will be Completed. For more information on how to forward a study, see DICOM Forward.

If you are using a piece of equipment that does not support exporting images in DICOM format, we will not be able to forward the study. This includes MyLab, Sonosite, and Cypress ultrasound equipment.

Manage Users

To add a new user or modify an existing user:

1. In the main menu, click Admin.
2. In the menu at the left, select Users.
3. To add a new user: At the bottom of the page, click the Add new User button.
4. To modify an existing user: Find the user in the list and click the edit icon in the ID column.
5. Complete each tab. (For an explanation of the items on each tab, see the sections below.)
6. After you've completed each tab, you will need to save your changes. If you are creating a new user, click Create at the top of the page. If you are modifying an existing user, click Save.

> If a new user does not log in within 14 days, the user will be deactivated. If a user does not log in for 60 consecutive days, or the number of days specified in the Account deactivation threshold, the user will be deactivated. No information about the user's settings and permissions will be lost.

General Settings Tab

The Username, First name, and Last name fields are required. All other fields are optional.
Check the Active box to activate the username when you are finished. If the Active box is unchecked, the user cannot log in.
Code: For technologists, enter the initials or other text that they will enter for themselves at the modality.

Group Settings Tab

Select a user type for this user from the drop-down list.

Depending on the user type you select, boxes for assigning divisions, reading groups, or referring groups appear.

1. For each type of group (division, reading group, referring group), available groups are listed in the box on the left, and groups assigned to this user are listed in the box on the right.
2. Check the box next to each group you want to assign to this user. The selected groups appear in the box on the right.

Profile Tab

The settings on this tab can also be changed by the user at any time.

Theme: Click to choose a different theme.

- Office: Designed for viewing in a typical, well lighted office setting
- Viewing Station (dark): Studycast dark mode / dark theme was designed for viewing in a traditional viewing station or other low-light environment

Init worksheet's findings: Uncheck this option to disable the automatic generation of Findings statements when a worksheet is first opened.

Change Password: Check the box to enter a password for the user. The password you enter will be temporary. The user will be required to change it at first login.

The system will not allow you to use a password that is on the list of Prohibited Passwords.

Two-Factor Authentication: Click the Reset 2FA button to allow the user to log in without using 2FA. When the user logs in, the User Profile window will be displayed with a new QR code for 2FA. If your security policy requires 2FA, the user will be required to set up 2FA again before gaining access to any studies. If your security policy allows but does not require 2FA, the user will have the option of setting up 2FA again.

Contact Info Tab

Enter the requested contact information for the user. The Email field is required.

The information you enter here is not used to send notifications. To set up or manage notifications, you must edit the division, reading group, or referring group. For more information, see Set Up Notifications.

Signature Tab

An image file of a reading physician's signature can be uploaded to the Studycast system and included in study reports. If no signature image file is uploaded, the study report will include the doctor's printed name and the text: Electronically Signed on Studycast.

Only administrators can upload signature image files.

To upload a signature image:

1. Click the Select and upload new logo button.
2. Locate and add the image file.

When the doctor approves a study, this image will be included in the study report.

Permissions Tab

This tab lists all the permissions for users in the Studycast system. When you first view the tab, the default permissions for the user type you selected on the Group settings tab are checked.
You can modify this user's permissions by checking or unchecking each permission individually, or by applying a Permission Favorite from the Select permission favorite menu in the bottom left corner of the screen.
To reset the user's profile to the default settings, click Set default permissions.

Create a New Permission Favorite

To create a new Permission Favorite:

1. Edit the permission settings for the user until the selections on the screen reflect the desired settings for the new Permission Favorite.
2. Click the Favorites (★) button in the lower left corner of the screen. The Manage permission favorites window opens.
3. Click + Add new favorite... The Create permission favorite window opens.
4. Enter a Favorite name. You may also select a Favorite group, and add a Description, if desired.
5. The list reflects the user's current permission settings, and will add all permitted and not permitted permission settings to the new favorite by default. If you wish to remove a permission from the favorite, uncheck the box next to it to deselect it.
6. Click Create.

Manage Permission Favorites

To manage existing Permission Favorites:

1. Click the Permission Favorites arrow (⇓) in the lower left corner of the screen. The Manage permission favorites window opens.
2. From this window, you can select multiple Permission Favorites to manage via the batch actions menu. You can also select an individual favorite to modify the settings included. To modify the settings of a favorite, click the name of the favorite in the list. The Edit permission favorite window opens.
3. You can deselect permissions in the list to remove them from the favorite. You can also use the Apply current user values button to replace the permission settings with those of the user whose settings you are editing.
4. Click Save to save your changes. Alternatively, the Save as button can be used to save a duplicate copy of the favorite with a different name.

Users Page

Batch Actions

Batch actions can be used to edit multiple users at once from the Users page. To apply batch actions to users from this page, click the checkboxes next to the users that you would like to edit, and select the appropriate batch actions from the menu.

- Add Permissions: Can be used to add the same set of permissions from multiple users at once.
- Remove Permissions: Can be used to remove the same set of permissions from multiple users at once.
- Apply Permission Favorite: Can be used to apply an existing Permission Favorite to a subset of users. Only permissions included in the scope of the Permission Favorite will be updated.

Permission Select Criteria and Column

To identify users with a particular permission, you can use the Permissions column to view all permissions that a user has, or you can search for users with a particular permission by using the Permission select criteria in the search bar.

Manage Additional Comments

In addition to the comments list editor within the worksheet, admin users can create and manage personalized statements, or comments, in the Additional comments section of the Admin Tools. Using this page, you can quickly share or remove access to comment lists across reading groups, group comments under searchable headers, and reorder or update comment lists.

Create and Manage Additional Comments

Admins can create and edit Additional Comments for each of the worksheets' Additional Comment fields. Access to comments is granted at the reading group level. To create or manage Additional Comments in the Admin Tools, select a Study type and Reading group to filter for the desired list(s). You can add additional filters by selecting a Protocol or Comment type. If comments exist for the selected filters, you will now see them listed.

To edit an existing comment:

1. Click on the desired comment to select it, and begin typing.
2. When you are finished editing, click Save at the top of the screen.

To create a new comment:

1. Enter the comment text in the field and click Add. The comment appears in the list.
2. When you are finished editing, click Save at the top of the page.

Once created, this comment will only be available for studies assigned to this reading group. If you would like to give other reading groups access to existing comments, you can use batch actions to Add access.

To add access to comments for a reading group:

1. Select the desired comment, or group of comments, and click Add access in the batch actions menu. An Add access window opens.
2. In the window, drag-and-drop the desired reading group(s) between the Add access for the following reading groups and Available reading groups lists. You can also select reading groups and use the arrows to move them between the two lists.
3. When you are finished editing, click the Add access button. The window closes.
4. When you are finished editing, click Save at the top of the page.

To remove access to comments for a reading group:

1. Select the desired comment, or group of comments, and click Remove access in the batch actions menu. A Remove access window opens.
2. In the window, drag-and-drop the desired reading group(s) between the Remove access for the following reading groups and Available reading groups lists. You can also select reading groups and use the arrows to move them between the two lists.
3. When you are finished editing, click the Remove access button. The window closes.
4. When you are finished editing, click Save at the top of the page.

To delete comments:

1. Select the desired comment(s), and select Delete in the batch actions menu. A window opens.
2. In the Confirm items deletion window, select OK.
3. When you are finished editing, click Save at the top of the page.

Deleting a comment in the Admin Tools will also remove it from all other reading groups with access to it. If you would like to remove a comment for some (but not all) reading groups, see Remove access in the section above.

Manage User Permissions

If desired, admins can also choose to revoke the Create additional comments permission for non-admin users in their account. This permission can be managed in the Admin Tools. To learn more about user permissions, see User Types and Permissions.

User Types and Permissions

The Studycast system offers flexible options for creating users with different permissions.

The user types are:

- Client Admin
- Client Sonographer
- Client Staff
- Reading Doctor
- Reading Staff
- Referring Doctor
- Referring Staff

The default permissions for each user type are in the table below. However, Client Admin users can override the default settings and choose to grant or deny each permission individually for any user. This flexibility helps ensure that all users have appropriate access.

Additionally, Client Admin users can create Permission Favorites, which can define and save custom permission sets that Client Admins can apply to other users. To learn how to create and apply Permission Favorites, visit the Manage Users page.

Grant or deny permissions individually. Users may have different permissions than the default settings listed below.

Default Permissions by User Type

Permission	Client Admin	Client Sonographer	Client Staff	Reading Doctor	Reading Staff	Referring Doctor	Referring Staff
Add attachments	X	X	X				
Admin access	X						
Amend report	X			X			
Approve study				X			
Change care type	X	X					
Change custom fields	X						
Change study status	X	X					
Change study type	X	X		X			
Change reading group	X	X					
Change referring group	X	X					
Create referring group via worksheet	X	X		X	X		

Change ordering group	X	X					
Change verifying group	X	X					
Change division	X	X					
Create study	X	X					
Define quad view	X	X		X			
Manage study	X						
Download study archive/ share study	X						
Change study date	X						
Limited access admin							
List patients	X						
List studies	X	X	X	X	X	X	X
Manage cases	X	X		X			
Modify patient	X						
Modify study worksheet	X	X		X	X		
Preset Favorites: Manage	X						
Preset Favorites: Create	X	X		X	X		
Reset study status	X						
View private attachments	X	X	X	X	X		
Delete private study attachments	X	X					
Clone study	X						
View public attachments	X	X	X	X	X	X	X
Delete public study attachments	X	X					
View study	X	X		X	X	X	
View study report	X	X	X	X	X	X	X

View upload status	X	X					
Manage notifications	X						
Create additional comments	X	X		X	X		
Forward study	X						
QA Admin							
Change QA group	X	X					
Reconcile Study	X						
Download CoreGateway	X						

Explanation of Permissions

Permission	Definition
Add attachments	User can add attachments to a study.
Admin access	User has access to all admin functions. If this permission is included, the main menu at the top of every page contains the Admin link.
Amend report	User can add an addendum to a finalized study.
Approve study	User can approve a study. Select Restrictions to open the Select study types window. Choose which of the available study types requires a verifying physician's approval.
Change care type	User can assign and modify a study's care type.
Change custom fields	User can create and modify custom fields. These fields can be listed as columns on the Studies page.
Change study status	User can change a study's status in the Study Properties window. This is helpful when a study's status needs to be reset back to New or Preliminary.
Change study type	User can change the study type.
Change reading group	User can assign a reading group to a study.
Change referring group	User can assign a referring group to a study. Select Restrictions to open the Select referring groups window. Choose the referring groups to make available to the user. Users can select from the chosen referring groups when changing referring groups. Note: Selecting referring groups disables the Create referring group via worksheet permission.

Create referring group via worksheet	User can create a referring group from within the worksheet.
Change ordering group	User can assign an ordering group to a study.
Change verifying group	User can assign a verifying physician group to a study.
Change division	User can assign a division to a study.
Create study	User can create a new study manually. If this permission is granted, the New Study button appears at the bottom of the Studies page.
Define quad view	User can label study images and create custom groups of images to be viewed four at a time.
Manage study	User can combine and split studies and manage images. User can also delete or anonymize a study. Note: Deleting a study is irreversible.
Download study archive/ share study	User can download a study archive file to save locally and can share studies with others who do not have a Studycast username.
Change study date	User can change the study date. It is possible to enter a future date.
Limited access admin	User has access to admin functions for an assigned division.
List patients	User can view the Patients page.
List studies	User can view the Studies page. If this permission is denied, the user will not be able to view any studies.
Manage cases	User can add multiple studies for a single patient to a case.
Modify patient	User can modify the patient information.
Modify study worksheet	User can enter measurements and observations and generate findings and conclusions.
Preset Favorites: Manage	Manage all worksheet permission. Full access: to create and edit existing presets.
Preset Favorites: Create	Create worksheet presets. Limited access: allows user to create and manage owned presets and provides read-only access to presets created by other users.
Reset study	

Reset study status	User can reset a study's status back to New or Preliminary.
View private attachments	User can view attachments that are marked private.
Delete private study attachments	User can delete attachments that are marked private.
View public attachments	User can view attachments that are marked public.
Delete public study attachments	User can delete attachments that are marked public.
Clone Study	User can create and assign study clones.
View study	User can view the images and cine loops.
View study report	User can view study reports.
View upload status	User can view list of studies that are currently uploading to the Studycast system. If this permission is granted, the main menu includes the Uploading link.
Manage notifications	User can view the Notification Status page, reprocess notifications that failed to send successfully, and send study reports from the Batch Actions menu on the Studies page.
Create additional comments	Allows users to create and manage additional comments in the worksheet. If removed, users can still use existing comments assigned to their reading group, but cannot create or edit comments.
Forward study	Allows users to forward to a DICOM destination, such as a vendor or a remote archive.
QA Admin	User can see all QA information and reset the QA attestation.
Change QA group	User can assign a QA group to a study. Users with this permission can see the list of available reading groups. Select Restrictions to open the Select reading groups window. Choose which of the reading groups to make available to the user when changing QA Group.
Reconcile Study	Allows users to manually associate order information with studies.
Download CoreGateway	Allows user to download CoreGateway directly from the Studycast Interface

Administrative User Training

Welcome to Studycast Administrator Training. This training is designed to help you confidently manage users, settings, and workflows within your organization.

You can choose the training path that works best for you—join a live session with our team or explore on-demand resources at your own pace.

In these trainings, you'll learn how to:

- Navigate the Studycast administrative interface
- Add and manage users
- Configure groups and permissions
- Manage workflows and study distribution
- Customize system settings
- Monitor system activity and performance

Choose your Training Path

Option 1: Join a Webinar

Attend a scheduled session led by a Studycast expert.

Register for an Administrative Webinar

- Instructor-led walkthrough of key administrative workflows
- Ask questions during the session (moderated Q&A)
- Ideal for structured learning and guided overview

Option 2: Watch On-Demand Training

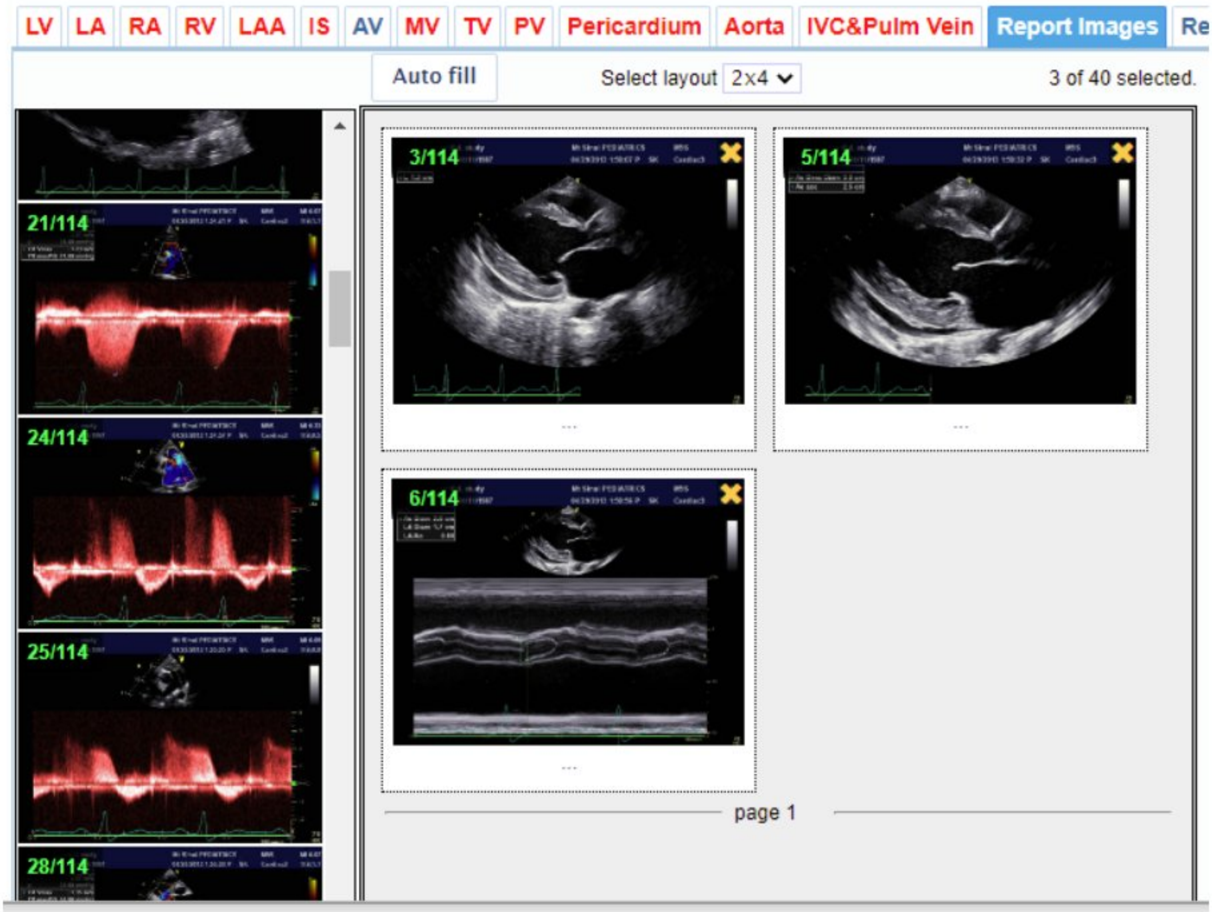
Access recorded sessions anytime and learn at your own pace.

Watch Administrator Training Video

- Full walkthrough of the administrative workflows
- Great for quick refreshers

Add Images to a Report

From the worksheet, you can add up to five pages of study images to the report.



To add images:

In the Measurements and Observations section, click the Report Images tab. The study images are listed on the left side. Cine loops are not included in this list.

Select a layout (1x1, 1x2, 2x2, 2x4). The layout indicates how the images will be arranged on the page and affects the total number of images that can be added to the report. For example, if you select 1x1, you can add one image per page for a total of five images. If you select 2x4, you can choose eight images per page for a total of forty images.

To fill the report pages with images automatically, click the Auto fill button. Images will be added sequentially beginning with the first image in the list and continuing until five pages are filled. To add individual images to the report, click and drag an image from the list to the box provided. The images in this box are added to the study report.

To add a label to an image, click the dots (...) under the image and begin typing.

To remove an image from the report, click the X in the top right corner of the image.

Split Studies

The Split action lets users create new studies from the images in a study. Users can only split one study at a time. Users cannot split cloned studies or studies with the Final status.

Split a study from the Studies page:

Click the check box next to the study to split.

Click the down arrow at the top of the check box column.

Select Split. The Split Study window opens.

Find the point to split the study and select the image that will be the first image of the split study.

If the study needs to split into more than two studies, click + Split Again and select the next split image. Repeat this step for each new study.

(Optional) Click and set any of the study properties for each new study.

Click Split and click OK in the Split Study confirmation window.

Preset Favorites

Users can create templates of frequently used worksheet entries with preset favorites. For example, a user can create a preset to enter the observations, findings, and conclusions text for a "normal" exam and repeatedly apply this preset to different studies.

A preset favorite can use the following elements:

- Observations
- Findings
- Conclusions
- Study Description
- Indications
- Sonographer/Technologist Comments
- Study Quality, Protocol, and Procedure dropdowns
- Recommendations

Presets can be available to all protocols or limited to a specific protocol (when applicable to the study type).

> Note: Access to Preset Favorites is controlled at the reading group level. This means that when a user is in a worksheet, the Preset Favorites available are based on the reading group currently assigned to the exam.

Create a New Preset

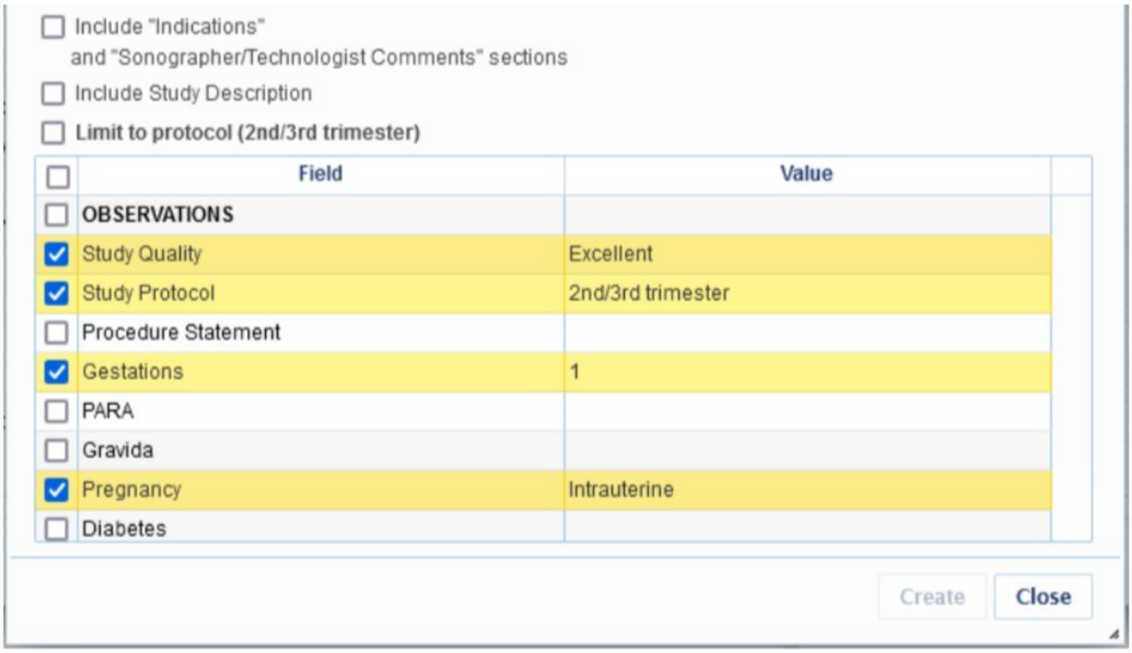
Users with Preset Favorites: Manage and Preset Favorites: Create permissions can create a Preset Favorite. If a user does not have this permission, contact the admin.

To create a new preset favorite:

1. In the worksheet, enter the comments and observations to include in the preset.
2. Select Favorites (★) in the lower left corner of the worksheet. The Manage Preset Favorites window opens.
3. Select + Add new preset… in the upper right corner. The Create preset window opens.
4. Enter a name and description for the preset. Optionally, users can assign presets to a Preset Group, which groups Preset Favorites in the Select Preset Favorite list.
5. In the Scope tab, check the box next to each worksheet item to include in the preset.

    By default, the fields in the worksheet with values in them are included in the preset. Select the checkboxes next to each field to include additional fields, or select the top-level checkbox to include all fields. Including a field with no value in it results in the preset overwriting the existing information in that field.



The grid at the bottom of the Create Preset Favorite window displays detailed information about the fields and values included.

When the arrow is selected, included statements will replace the existing statements in the worksheet.

When the plus sign is selected, included statements will append the existing statements in the worksheet. This offers additional flexibility so that presets can be used to supplement existing generated statements.

In the Access tab, indicate any additional reading groups to have access to the preset. By default, access will only be applied to the reading group assigned to the current study.

Select Save to create the preset.

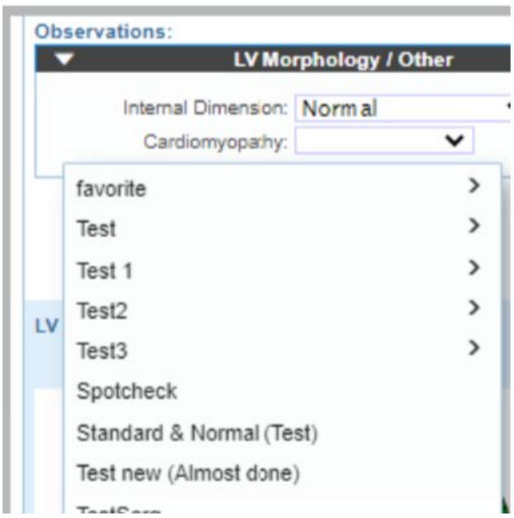
Note: Statements included in a preset will replace existing items by default, unless a different behavior is specified.

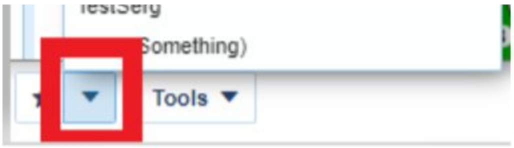
Apply a Preset Favorite

All users with appropriate reading group access can apply new presets.

To apply a Preset Favorite to a worksheet:

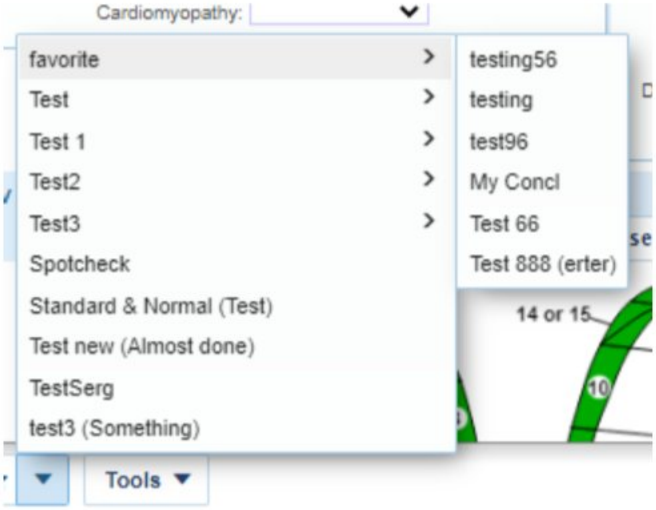
Select the Preset Favorites arrow (▼).





Choose a preset from the list.

If Preset Favorite is part of a Preset Group, it appears at the top of the list under the name of the Preset Group.



The Apply preset favorite window appears. This window lists the worksheet sections included in the preset, shows conflicts with information already entered into the worksheet, and shows a warning if a value in the preset is not available in the worksheet.

To apply the preset, select Apply.

If any preset is value unavailable in the worksheet, a warning window opens showing the fields and unavailable values. Users can select Cancel to cancel applying the preset and return to the Apply Preset window or select Apply to set the field with the unavailable value to the first item in the dropdown menu.

Add Users to a Group

To add users to a division, reading group, or referring group,

1. In the main menu, click Admin.
2. In the menu on the left, select Users.
3. Find the user you want to add to a group and click the edit icon in the ID column.
4. Select the Group settings tab. For each type of group (division, reading group, referring group), available groups are listed. A check box next to each group indicates which ones the user is assigned to.
5. Check the box next to each group you want to assign to this user.
6. Click Save at the top of the page.

Studycast Data Export Request

Studycast provides a managed service to export study data stored within the platform on behalf of customers. This document outlines the process, requirements, and expectations for submitting and fulfilling data export requests.

Data Export Process

1. Complete & Submit Data Export Request Form (DERF)
Define scope (study types, date range, divisions, etc.) and delivery details.
Incomplete DERFs will delay processing.

2. Review & Calculate Fees
Studycast reviews the request and provides data volume size, timeline, and fees.

3. Statement of Work (SOW)
You receive an SOW with scope and cost.

4. Payment & Start Work
The data export process begins after the signed SOW and payment are received.

5. Export & Delivery
Data is extracted and shipped on an encrypted drive to the address specified in the DERF.

- Studies delivered as encapsulated DICOM files
- Bitlocker encryption
- Password protected (shared separately)

Timeline

- Typical turnaround once payment has been received: 4 to 6 weeks
- Timeline is dependent on data size and complexity

Customer Responsibilities

- Submit complete DERF to define scoping and shipping details
- Sign SOW & submit payment

Next Step

Customer to Complete DERF

Add Signature Image

An image file of a reading physician's signature can be uploaded to the Studycast system and included in study reports. If no signature image file is uploaded, the study report will include the doctor's name and this text: Electronically Signed on Studycast.

> Only administrators can upload signature image files.

To upload a signature image,

1. Click Admin at the top of any page.
2. In the menu on the left, select Users.
3. Find the doctor's name and click the edit icon in the ID column.
4. Select the Signature tab.
5. Click the Select and upload new logo button.
6. Locate the file and upload it. (Acceptable file formats: .jpg/.jpeg, .gif, .png)

When the doctor approves a study, this image will be included in the study report.

Devices

To view, activate, or deactivate devices, navigate to the Devices page.

To access this page:

1. In the main menu, click Admin.
2. In the menu at the left, select Devices.

Devices listed on this page will have one of the following statuses:

- Inactive devices cannot upload studies to your Studycast account. All new devices will initially be inactive until they are activated as part of the software installation process.
- Active devices can upload studies to your Studycast account.
- Disabled devices are managed by the Studycast Support team. Please contact Support if a device needs to be enabled.

To activate a device:

1. Click the edit icon in the ID column.
2. Check the Active checkbox to activate the device.
3. Optionally, add a name to easily identify this device. This might be a hostname assigned by your IT department, or an identifier such as "Room 6" or "Sally's Laptop."

To deactivate a device:

1. Click the edit icon in the ID column.
2. Uncheck the Active checkbox to deactivate the device.

> If you would like a device to be permanently blocked from your account, contact Studycast support for assistance. Devices should only be blocked when you are certain you will never want to activate them in the future.

Add Client Logo to Study Reports

Studycast study reports can be customized to include a logo image. A single logo can be used for all study reports, or you can use different logos for different divisions, reading groups, or referring groups.

If 'Study report logo source = None' under the Division settings, the Studycast logo will display on the report.

If any option is selected for 'Study report logo source' but no logo is available for the selected source, the logo for the next available source will be used for the report. Logo priority is always:

1. Reading/Referring Group
2. Division
3. Client

Acceptable file formats for logos are:

- JPG / JPEG
- GIF
- PNG

Recommended image dimensions are 378 x 258 pixels.

Client Logo

To upload a custom logo for the client:

1. Click Admin at the top of any page. The Client settings section is selected by default.
2. Select the Client logo tab.
3. Click the Select and upload new logo button.
4. Locate and add the image file.

Division Logo

To specify a custom logo for a division:

1. Click Admin at the top of any page.
2. In the menu on the left side of the page, select Divisions.
3. Find the division whose logo you want to add and click the edit icon in the ID column.
4. On the General settings tab, select the Study report logo source (see Manage Divisions for more information).
5. If you need to upload an image for the division, select the Logo image tab.
6. Click the Select and upload new logo button.
7. Locate and add the image file.

Reading Group Logo

To upload a custom logo for a reading group:

1. Click Admin at the top of any page.
2. In the menu on the left side of the page, select Reading groups.
3. Find the reading group whose logo you want to add and click the edit icon in the ID column.
4. Select the Logo image tab.

5. Click the Select and upload new logo button.
6. Locate and add the image file.

For a reading group's logo to be included in study reports, you must also set study report logo source for the division to 'Reading group logo image'. For more information, see Manage Divisions.

Referring Group Logo

To upload a custom logo for a referring group:

1. Click Admin at the top of any page.
2. In the menu on the left side of the page, select Referring groups.
3. Find the referring group whose logo you want to add and click the edit icon in the ID column.
4. Select the Logo image tab.
5. Click the Select and upload new logo button.
6. Locate and add the image file.

For a referring group's logo to be included in study reports, you must also set study report logo source for the division to 'Referring group logo image'. For more information, see Manage Divisions.

View Access Logs

The Studycast system maintains an access log that records specific actions performed on every study. Only users with admin privileges can view the access log.

View the Access Log for a Single Study

You can view the access log for a single study in the Study Properties window.

1. On the Studies page, click the study ID of the study whose log you want to view.
2. In the Study Properties window, select the Access Log tab.

The log lists the actions performed on the selected study by date and time with the most recent actions at the top of the list. To reverse the order of the list, click the arrows next to the Date/Time header. To sort by a different column, click the column header.

View the Access Log for All Studies

To view the access log for all studies,

1. Click Admin in the menu at the top of any page.
2. In the admin menu on the left side of the page, select Access logs. The log lists every action by date and time with the most recent actions at the top of the list.

To filter the list,

1. On the left side of the search bar, click Select Criteria and select an item from the list.
2. Enter the requested information for the item you selected.
3. Select additional search criteria if needed.
4. When you are finished selecting criteria, click the Search button.

Please Note:

1. Access log searches are limited to 3,000 matching records. If your search returns more than 3,000 matches you will receive an alert message requesting, you to refine your search criteria for additional results.
2. The “Date from” search criteria will automatically be set to 30 days prior from the current date, click on the data field to change the “Date from” range.

Clearing Search Criteria

To remove any item from your search criteria, click the X next to that item.
To clear all search criteria and return to the complete list, click the X to the right of the Search button.

Patients Page

The Patients page lists patients' names and demographics, as well as studies associated with each patient. Only users with the List Patients permission can view this page.
To view or modify a patient's properties, click the patient's name. For more information, see Change Patient Properties.

Search for a Patient

Using the search bar at the top of the page, you can search for patients who meet the criteria you select.

On the left side of the search bar, click Select Criteria and select an item from the list. All columns on the Patients page are available as search criteria.
Enter the requested information for the item you selected.
Select additional search criteria if needed.
When you are finished selecting criteria, click the Search button. The Patients page now lists only the patients who meet your search criteria.

Clearing Search Criteria

To remove any item from your search criteria, click the X next to that item.
To clear all search criteria and return to the complete list of patients, open the drop-down menu on the Search button and select Reset.

> ⓘ If you do not reset your search, the system continues to apply the selected search criteria each time you view the Patients page. The next time you log in, the Patients page will display only those patients who meet the search criteria.

Add a New Patient Without a Study

Only admins and designated users can add new patients without a study to the Studycast system. If you do not have permission to add patients, contact your admin.

If you do have this permission, you can add a patient from the Patients page.

1. Click on Patients in the main menu at the top of the page.
2. In the bottom left corner, click on the New Patient button. The Create New Patient window opens.
3. In this window, Patient Last Name and First Name are required fields. Depending on your facility's implementation decisions, either Date of Birth (DOB) or MRN is also required. You may complete as many of the other fields as you choose.
4. When your entries are complete, click on the OK button. The new patient has been added.

Change Patient Properties

> ⓘ Only admins and designated users can change a patient's demographics or other information.

To change a patient's information:
On the Studies page, Patients page, or worksheet:

1. Click the patient's name. The Patient Properties window opens. This window contains four tabs: Patient, Studies, Guarantor, and Insurance.
2. Some text can be edited. To edit, click the text. Empty fields display dots (…). Click the dots to enter text.
3. To save your changes and close the Patient Properties window, click OK.

Unlock Username

If a user reaches the threshold for failed login attempts, the username will be locked. As the administrator, you can unlock a user's locked username. When unlocking a username, it is a good idea to reset the password at the same time. To reset a user's password and unlock the username,

1. Click Admin at the top of any page.
2. In the menu on the left side, select Users.
3. Find the user whose username you need to unlock and click the edit icon in the ID column.
4. In the General settings tab, click the Unlock account button.

Configure the Patients Grid

The Patients page can be configured to display only the columns that are relevant to you in whatever order you choose. Your configurations are specific to your username and do not affect other users.
To configure the Patients page:

1. Click the Grid Setup button in the lower right corner of the Patients page. The Select columns window appears.
   a. The left side of the window lists columns that are currently displayed in the Patients page. The right side lists columns that are not currently displayed.
   b. To reorder the columns on the Patients page, click and drag each column you would like to move to a different spot in the list.
   c. To remove a column so that it does not appear on the Patients page, click the minus sign next to that column’s name in the left side of the window. Removing a column from your Patients page view does not affect the data. You can restore the column to your Patients page at any time.
   d. To add a column to your Patients page that is not currently displayed, click the plus sign next to the column name in the right side of the window. The added column appears at the bottom of the list on the left side of the window. Click and drag it to move the column to a different spot in the list.
2. Click OK to apply your changes and close the Select columns window.

Correct Unknown Patient Name

To identify a patient in uploaded study data, the Studycast system must have both the patient's name and date of birth. If the date of birth is missing, the patient's name will appear as "unknown."

To correct the name, start from the Studies page.

1. Click the study ID for the patient's study. The Study Properties window appears.
2. In the Patient Info section:
    a. If the patient is not already in the system, click the Create Patient button to create a new patient record.
    b. If the patient is in the system, click the dots (...) next to Lookup Patient and begin typing the patient's name. Matching names appear, and the list narrows as you type. Select the patient from this list.
3. Click OK to save the change.

Study Reports

The study report includes patient information, study findings, and conclusions as approved by the reading physician. The report can also include study images. For information about adding images to the report, see Add Images to a Report.
The report is a PDF that can be printed or saved locally. For information about printing multiple reports at once, see Print Reports.
To view a study report:

- On the Studies Page or Study Viewer, click the report icon.
- On the Worksheet, click the Report link at the top left or the Preview Report button in the bottom right

If the study is not yet approved, the report contains a “Preliminary” watermark. Once the study is approved, the watermark is no longer included in the report.

If changes need to be made after the study is approved, there are two options: reset the study status to Preliminary or add an addendum. To reset the study status, contact your admin.

Add an Addendum

To add an addendum, open the study worksheet and click on the Add Addendum button at the bottom. On the Add Report Addendum page, you can enter text in the box to explain the additions or changes. If you click Concur, a standard statement is automatically entered into the box. When you are finished with the text, click the Add Addendum button below the text box.

An addendum can only be added to a study that has been finalized. If an addendum has been added, the following note will appear in the Conclusions section of the study report: THIS REPORT HAS BEEN UPDATED; SEE ADDENDUM.

Custom Logo

Study reports can contain a custom logo. A single logo can be used for all study reports, or you can use different logos for different divisions, reading groups, or referring groups. To have a logo added to your reports, contact your admin.

Signature Image

An image file of a reading physician’s signature can be uploaded to the Studycast system and included on finalized study reports. If no signature image file is uploaded, the study report will include only the doctor’s printed name and the text: *Electronically Signed on Studycast.*

To have an image of your signature added to the reports, contact your admin.

Report Configuration Options

Studycast supports dozens of report configuration options enabling users to produce customize reports. Many report fields can be altered, and configurable options are available for:

- Overall Report Layout
- Logo Options
- Accreditation Seals
- Header Layout
- Patient Name Options

- Conclusions & Physician Signature
- Patient Addendum
- Footer Options

Update Your User Profile

To update your user profile, click Profile in the top right of the Studies page. The User Profile window opens, and the General settings tab is selected by default.

Email address

To change the email address associated with your user profile, click the address and begin typing. Then click Submit.

Image viewer

The HTML5 is the default version of the viewer and provides better performance and greater compatibility across devices and operating systems.

Initialize Worksheet Findings

Uncheck this option to disable the automatic generation of Findings statements when a worksheet is first opened.

Look and Feel

Click to choose a different theme.

- Office: Designed for viewing in a typical, well lighted office setting
- Viewing Station (dark): Studycast dark mode / dark theme was designed for viewing in a traditional viewing station or other low-light environment

Change Password

To change your password:

1. On the Studies page, click Profile in the top right corner.
2. In the General settings tab, check the Change password box.
3. Enter your old password. This is the password you used to log into the Studycast system today.
4. Enter a new password that conforms to the security policy listed at the bottom of the window.
5. Enter the new password a second time to confirm.
6. Click Submit.

Your password has been changed. Use the new password the next time you log into the Studycast system.

Delete Browser Data

When checked, Studycast platform data (including cookies, cached images and files, and settings) will be deleted upon user logout.

Two-Factor Authentication

In this tab, you can enable and set up Two-Factor Authentication (2FA), which provides additional security for your Studycast account by requiring users to enter an access code at login in addition to the username and password. For more information, see Two-Factor Authentication.

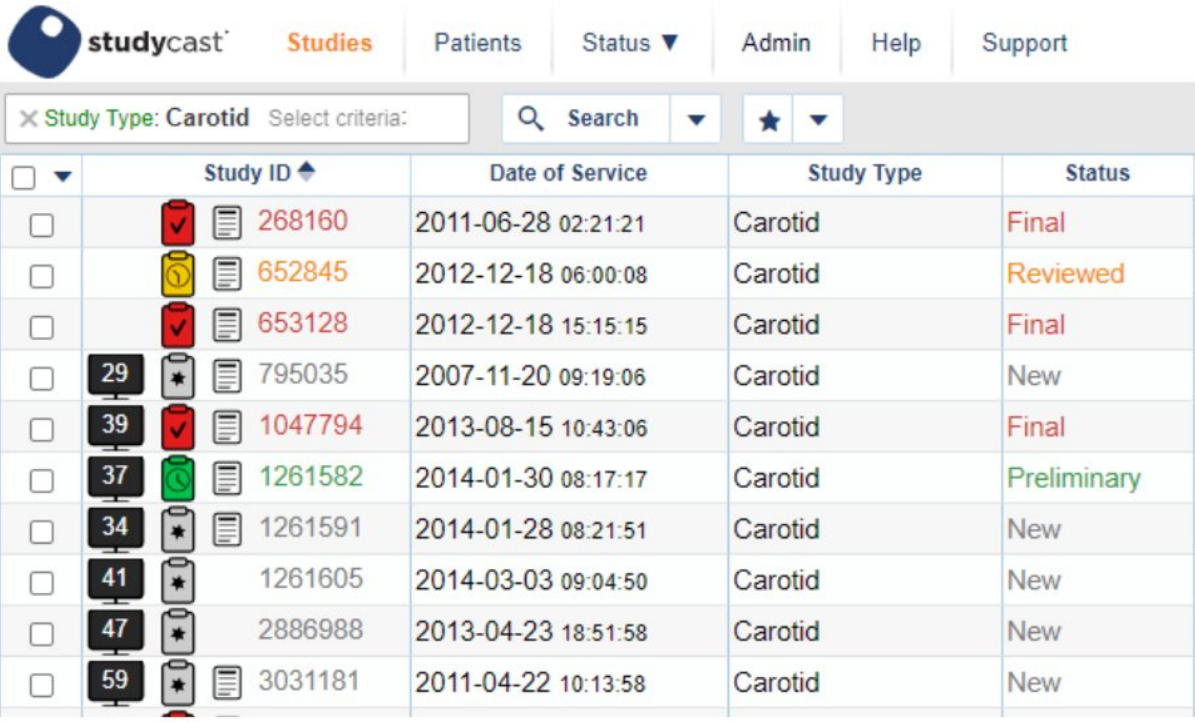
Apply Presentation States

By default, presentation states display in the Viewer. Uncheck Apply Presentation States in a user's profile to disable displaying presentation states by default

disable displaying presentation states by default.

Studies page

When you log into the Studycast system, the Studies page is displayed. This page lists all studies that have been or are currently being uploaded to the Studycast system which you are authorized to view. The list includes only those studies you are authorized to view.



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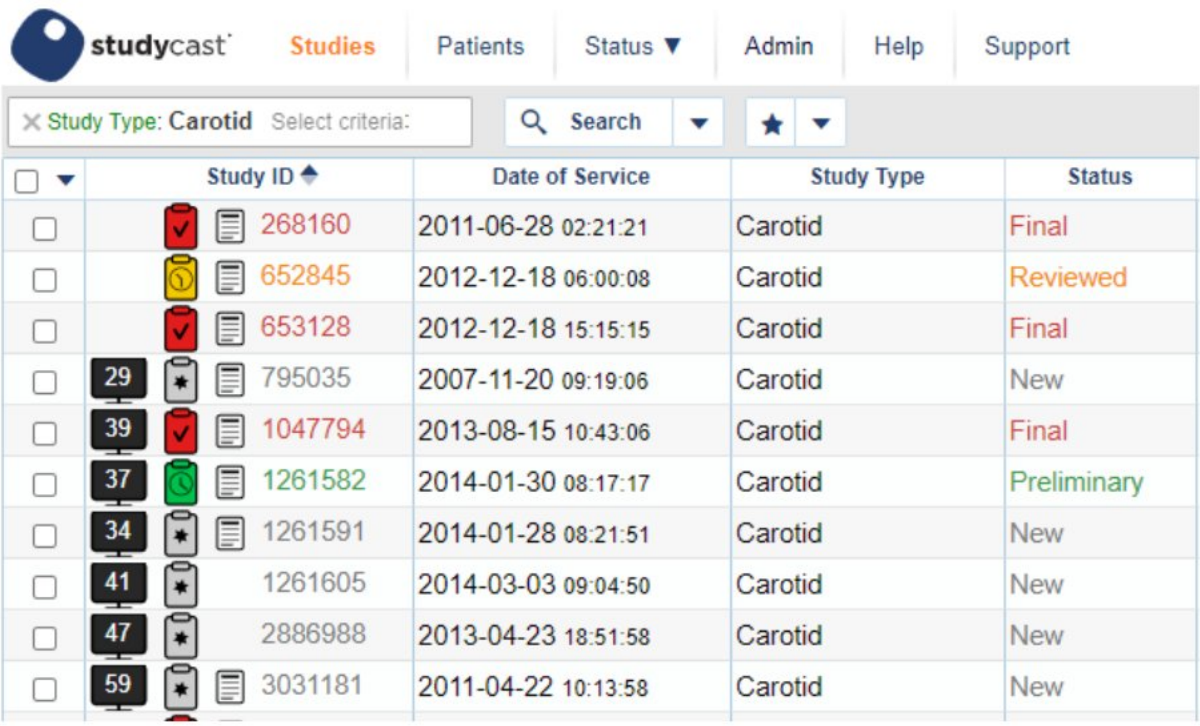


The grid lists each study in a separate row. Several icons appear in the Study ID column.

- The Study View icon displays the number of images in the study. Click this icon to view the images in the Study Viewer.
- The Worksheet icon is color coded according to the status of the study. Click this icon to open the Studycast worksheet.

> ⓘ For more information on status colors, see the Study Status Color Coding section below.

- The Report icon is displayed only when a report has been generated for the study. The report may be preliminary or final depending on the status of the study. Click this icon to view the report.

Other columns display information associated with the study. You can choose which columns appear in the grid and in what order. For information about configuring the columns, see Configure the Grid.

Explanation of all Studies Page grid columns

- Study ID: Unique numerical identifier the Studycast system assigns to a study when it is uploaded.
- Original Study ID: Identifies the original study from which a clone was created.
- Date of Service: Displays the date the study was performed in Year-Month-Date (YYYY-MM-DD) format.
- Status: Displays the current status of the study (Uploading, New, Preliminary, Reviewed, or Final). For an explanation of the color codes, see Study status color coding.
- Study Type: The Studycast worksheet type currently assigned to the study. The study type should correspond to the type of exam performed on the patient.
- Study Protocol: Selected protocol for type of exam performed. For example, a Venous LE study can have a protocol of Insufficiency, Duplex, Reflux, or Post Ablation.
- Study Description: If the user has entered a description for the study (not available on all worksheets), it is displayed here.
- Sender: ID signifying the server or PC from which a study was uploaded to the Studycast system.
- Division Code: This code is used to assign studies to divisions automatically. This code cannot be changed.
- Division Name: Name of the division a study is assigned to in the Studycast system. The division name can be changed.
- Patient Name: Patient's name (Last, First).
- Patient ID: Medical Record Number, or another unique identifier for the patient.
- DOB: Patient's date of birth in Year-Month-Date (YYYY-MM-DD) format.
- Reading Group: Name of physician (or group of physicians) assigned to read the study.
- Reading User: If the Reading Group selected has multiple members, the Reading User field can be used to select a specific physician from that group.
- Referring Group: Name of physician (or group of physicians) who referred the study.
- Referring User: If the Referring Group selected has multiple members, the Referring User field can be used to select a specific physician from that group.
- Ordering Physician: A secondary referring field where you can select another provider to also receive a copy of the final report.
- Performing User: Initials sent by the modality to identify the sonographer/technologist.
- Approved By: Name of the physician who approved the study.
- Approved Date: Date the study was approved by the reading physician.

- Care Type: When enabled, Care Types allow you to categorize studies to trigger visual cues at set intervals.
- Location: Site-specific location where a study was performed.
- Procedure: Displays the procedure selected on the worksheet for a study: Complete, Limited, Duplex, etc. This option is available only on ultrasound studies.
- Modality: Displays the modality, which is captured when the study is uploaded. The modality can be changed on the Worksheet.
- Accession / Encounter #: Displays the accession or encounter number uploaded with the study.
- Verified Date: Date the study was verified (only applies to Studycast accounts that use the Verifying Physician functionality).
- Verified By: Name of the reading group assigned to verify the study (only applies to Studycast accounts that use the Verifying Physician functionality).
- Verifying Physician: Name of physician who verified the study (only applies to Studycast accounts that use the Verifying Physician functionality).
- Procedure Code: Displays the procedure code for the study.
- Diagnosis Code: Displays the diagnosis code for the study.

Study status color coding

Each study is color coded to indicate its status. The color coding is applied to the Worksheet icon, Study ID, and Status.

- New (Optional) - Grey : The study has been uploaded but is not yet available for the reading physician. The technologist may enter information in the worksheet and then set the status to Preliminary. Once the status is Preliminary, the study will be available for the reading physician. NOTE: This status is optional and might not be applicable in your implementation of the Studycast system.
- Preliminary - Green : The study is ready for the reading physician to review.
- Reviewed (Optional) - Yellow : The reading physician has approved the study, and a report has been generated, but it has not been assigned to the referring physician. This status allows for another user to view the report before it is sent to the referring physician or other final destination, or a second physician to verify the study before the report is finalized. NOTE: This status is optional and might not be applicable in your implementation of the Studycast system.
- Final - Red: The study has been approved by the reading physician, and the final report has been generated.

Combine Studies

You can combine up to five studies into a single study as long as they all meet these criteria:

Same patient

Same study type

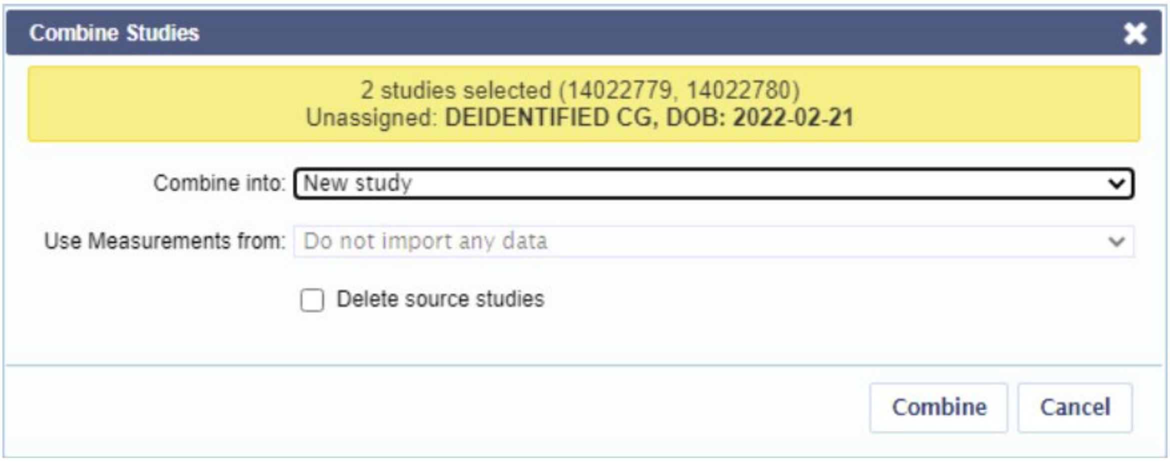
Study status other than Final

To combine studies:

On the Studies page, click the check box next to each study you want to combine. You can choose up to 5 studies.

Click the down arrow at the top of the check box column.

In the menu that opens, select Combine. The Combine Studies window opens.



Choose whether to combine the studies into a new study or into one of the selected studies.

If you choose to combine them into a new study, you will need to choose whether to use the measurements from

one of the selected studies

all studies (multiple DICOM SR sources)

none of the studies (do not import any measurements)

If you choose to combine them into a selected study, the measurements from that study will remain and no measurements from other studies will be added.

Choose whether to delete the source studies. If you check the box, when the studies are combined, the only study that will remain will be the combined study. Any other studies you selected to combine will be deleted.

For example, if a user performs a study without selecting the order information from the modality worklist, the user can select the order off the modality worklist and upload one image. Then, they can use Combine Studies to combine the images and measurements from the study without order information and the study with the order information into a single study that has the measurements, images, and order information.

Studies with Multiple DICOM SR Sources

Studies with more than one source of DICOM SR can be uploaded if you are using the CoreGateway upload application to transfer the studies to your Studycast account. For example, if your diagnostic equipment is capable of sending DICOM data for an ABI, you can include that data in an Arterial LE exam.

With an Orders Interface

If you have an orders interface with your EMR (CoreMWL), you can simply place a single order for the studies (e.g., one order for an Arterial LE ultrasound and an ABI). The DICOM data from both sources will be combined automatically when the study is transferred to your Studycast account.

Without an Orders Interface

If you do not have an orders interface, you will need to combine the studies manually after they are uploaded.

To combine the studies:

Change the study type so that all studies to be combined have the same study type. For example, if you want to include the DICOM SR from an ABI in an Arterial LE exam, change the study type of the ABI to Arterial LE. Only studies of the same study type can be combined.

On the Studies page, select the studies you want to combine and choose Combine from the Batch Actions menu.

In the Combine Studies window, make the following selections:

Combine into: New study

Use Measurements from: All studies (merge)

Leave the Delete source studies box unchecked

Click Combine. The selected studies will be combined, and measurements from all sources will automatically populate your worksheet.

If you have questions about combining studies with multiple DICOM SR Sources, contact Studycast support.

Update Patient Name

To make updates to a patient Name, Gender or DOB, do the following:

1. Click on the Patient Name from the Studies page.
2. This will open the Patient Properties box where you can type over any misspellings, correct gender, DOB, etc.
3. Click OK to save the change.

when attempting to update a patient, do the following

1. Click on Study ID for the exam, and the Studies Properties box will appear.
2. Click the Lookup Patient area to look up and existing patient record to associate with the study.
3. Start typing the patients name to begin searching and select the correct entry from the list to associate the study with that patient record.
4. Click OK to save the change.

Reset Password/Unlock Account – Instructions

Client Administrators can reset a Studycast password for a user, and unlock their account:

Reset / Unlock User's Account

If a user reaches the threshold for failed login attempts, the account will be locked. As the administrator, you can unlock a user's locked account. When unlocking an account, it is a good idea to reset the password at the same time. To reset a user's password and unlock the account,

1. Click Admin at the top of any page.
2. In the menu on the left side, select Users.
3. Find the user whose account you need to unlock and click pencil icon in that row to edit.
4. In the Profile tab, check the box next to change password.
5. In the field labeled Enter your password, enter the password for your administrator account (not the user's temporary password).
6. In the field labeled Enter new password, enter a temporary password for the user. This password must meet the requirements listed in the security policy (for more information, see Modify Security Policy). The user will be required to change this password on first login.
7. Click the Unlock Account button (if needed).
8. Click Save.

Share Studies / CoreShare

Share Studies / CoreShare

See this article in [Studycast Help]

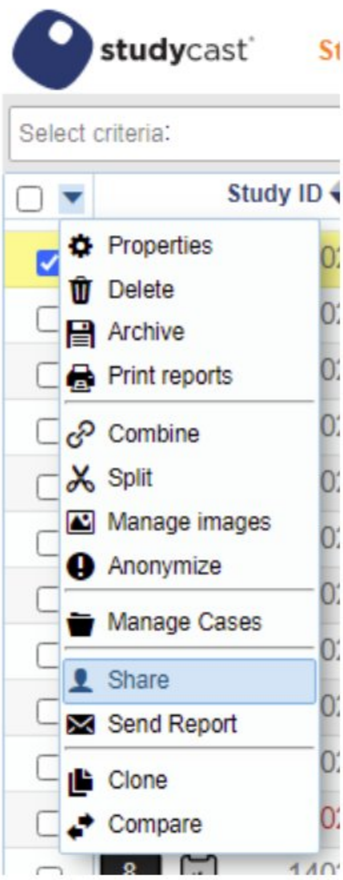
Studycast CoreShare™ is an easy way to send colleagues or patients a message with a secure link to view studies even if they do not have access to the Studycast system. The link can be sent by email or text message (SMS). When recipients click the link in the message they receive, they will be required to enter a passphrase to view the study.

If you do not have access to CoreShare, ask your administrator to add the **download archive/share study** permission to your username. Once you have this permission, you can share studies from the Studies page.

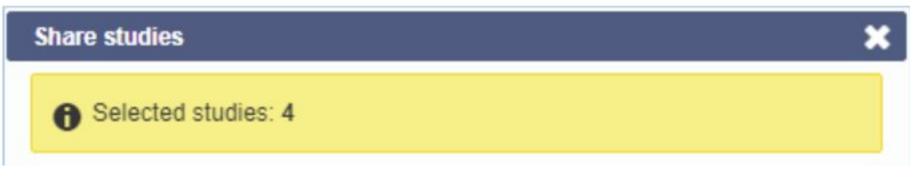
To share studies:

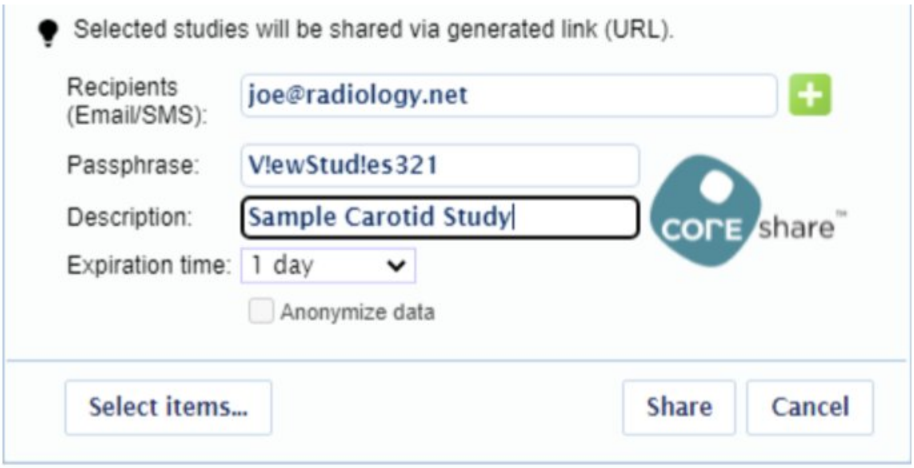
Click the check box next to each study you want to share.

1. Click the down arrow at the top of the check box column. In the menu that opens, select **Share**.



2. In the **Share studies** window, enter the necessary information.





- **Recipients:** For each recipient, enter the email or phone number and click the green plus button to add. If you want to remove a recipient, click the red minus button next to that recipient.
- **Passphrase:** To maintain the security and confidentiality of the studies, a passphrase is required. Enter any passphrase you want to use. The passphrase will **not** be included in the message. You will need to communicate the passphrase to recipients separately outside of the Studycast system.
- **Description:** Enter a short description of the studies.
- **Expiration time:** As a security measure, the link sent to the recipients will expire after the time specified. After that time, recipients will no longer be able to use the link to view the studies. Select the expiration time from the drop-down list. Each time you open CoreShare, it will display the expiration time you previously selected.
- **Anonymize data:** Check the box to anonymize study data.

> **Note:** This option does not affect patient data displayed within study images. To anonymize the study completely, you must mask patient information in the images with annotations first. Be sure the **Include as permanent burn-in** box is checked.

- **Select items:** Click the button to open the **Select Study Items for Sharing** window. When the window opens, click the bar for each patient to select items.

Recipients will be able to view all items selected in this window. By default, the box for **Include report** is checked. Uncheck the box to send images without the report. All images are selected by default. Click each image you want to exclude. Excluded images are covered with a large X.

If you selected multiple studies, click the bar for each study to select items.

When you are done selecting images, click **OK**. The **Select Study Images for Sharing** window closes.

4. In the **Share studies** window, click **Share** to send the message.

Report Recipients

The Reports Recipients tab on the Studycast worksheet displays who will receive a copy of the finalized report, and (if needed) add additional recipients. The Configured automatic recipients section displays all email addresses and fax numbers that will receive the final report, based on the currently assigned referring group, ordering group, and division.

Below that is an area labeled CC (additional recipients) where you can add others to receive a copy of the report. Begin typing the recipients name in the box provided. It will search your existing referring/ordering list, and allow you to choose one.

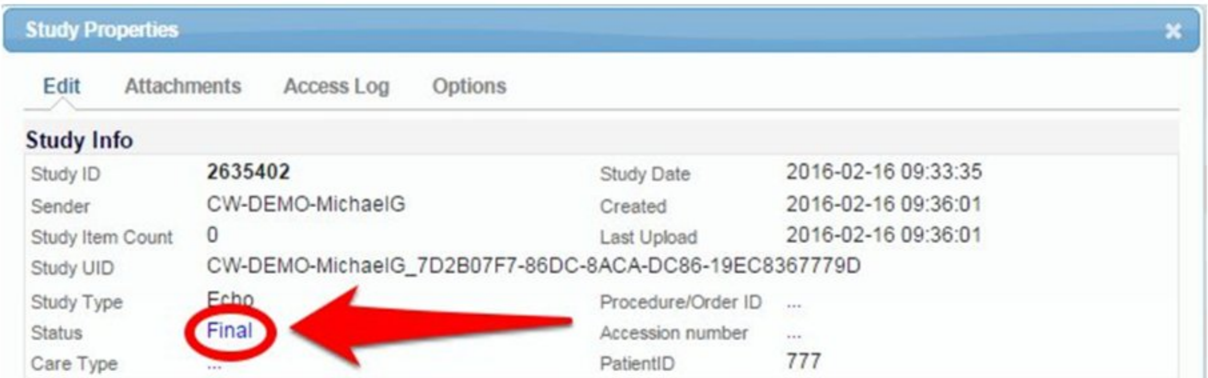
> ⓘ If the person or facility you want to add as an additional recipient isn't already added as Referring Group to your Studycast account, they will need to be added first.

Reset Study Status

If you are setup with Administrator rights for Studycast, you have the capability to reset a study back to New or Preliminary status.

If you are not an Administrator, please contact your Administrator or Studycast Support to find out the name of your account Administrator.

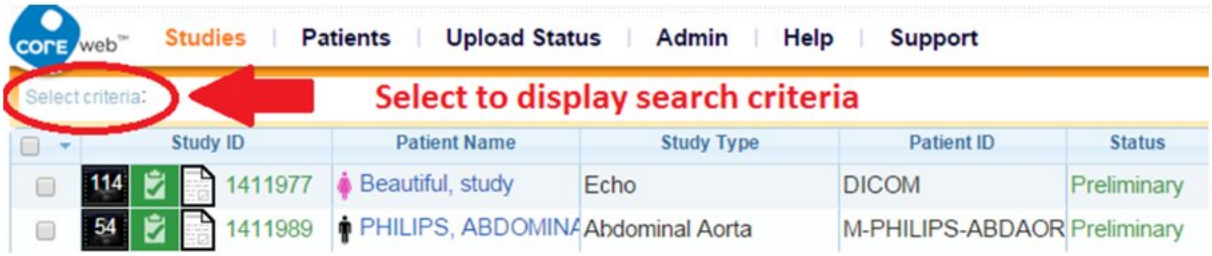
1. Click on the **Study ID** from main Studies page to bring up the **Study Properties** window.
2. Click the status area make a new selection of New or Preliminary.
3. Click **Submit** and then **Close**.
4. Refresh the Studies List screen and you will see that the study is reset.

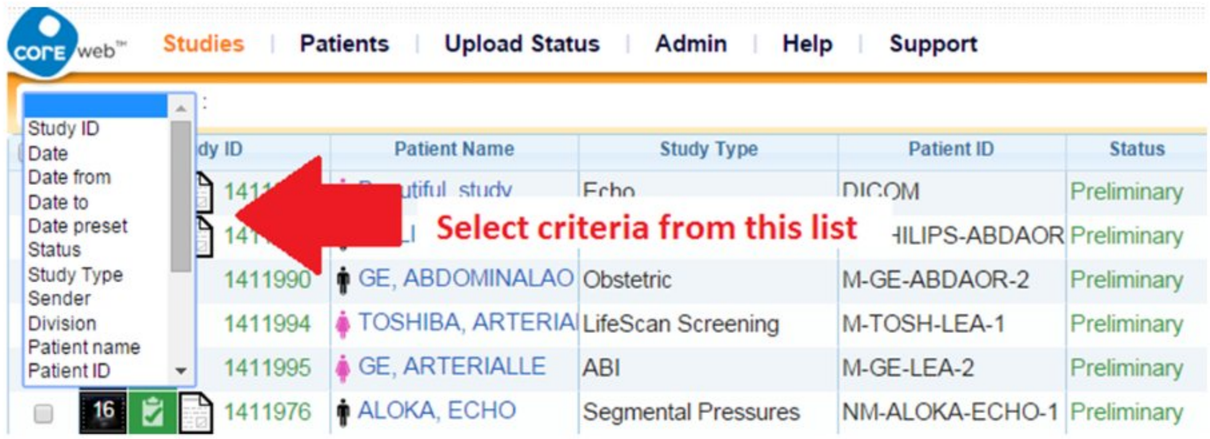


Filter Favorites

If you have searches on Studycast that you perform often, you have the ability to save them as Filter Favorites for quick retrieval.

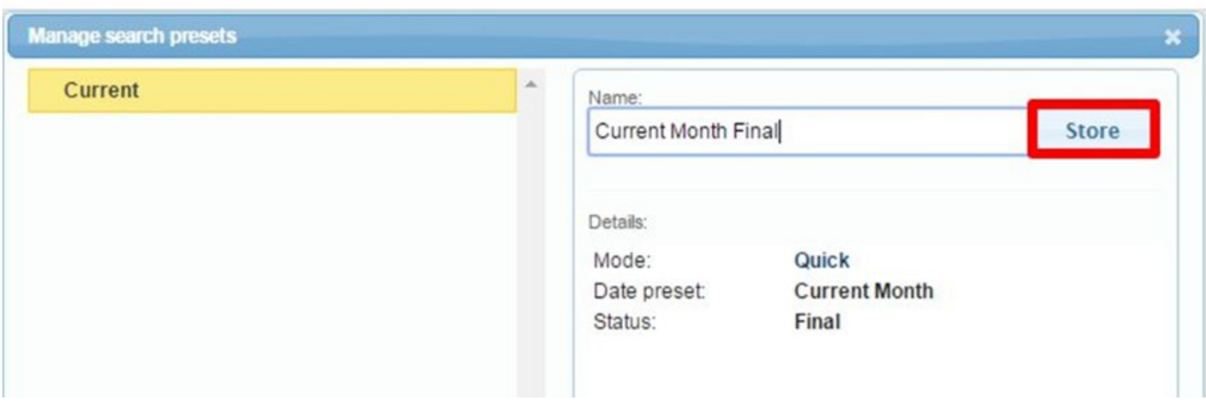
To begin, select your criteria on Studycast for the search.



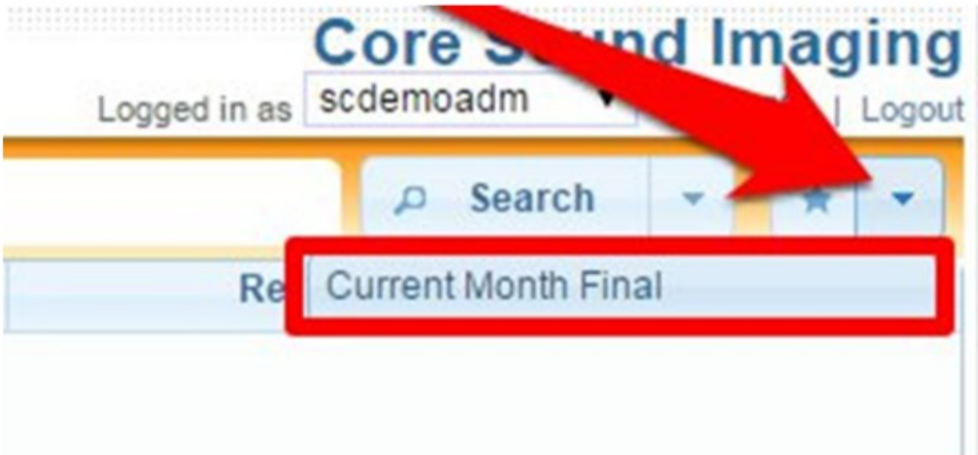


Once your search criteria is set, click on the star icon in the upper-right

This will open a window where you can give your search a name for easy retrieval. Enter a name, and click the Store button to save. You can then press OK to close the window.



Now, anytime you want to quickly apply this filter, simply click on the arrow next to the star icon, and choose it from the list.



Managing Notifications

The Notifications page lists all notifications for exams in Final status that have been sent by fax. By default, administrative users have access to this page. If you are not an administrative user and need access to this page, ask your admin to add the Manage Notifications permission for you.

To open the Notifications page, click on the Status drop-down list in the Main menu and choose Notifications.

Reprocess Notifications If notifications fail to send successfully because the receiving fax machine was not available, you should reprocess them within 14 days.

To reprocess

1. Click the check box next to each notification you want to reprocess.
2. Click the down arrow at the top of the check box column.
3. In the menu that opens, select Reprocess.
4. Click OK to confirm.

If a fax fails to send

Fax Machine Unavailable: If the fax number is correct and the Status column rollover suggests the fax machine was simply unavailable, you can try sending the fax again.

1. Check the box next to the failed fax.
2. Choose Reprocess from the Batch Actions menu.

Fax Number Incorrect: If a fax has failed because the fax number is incorrect, follow this 3-step process to change the number and resend the fax.

1. Update the fax number so future faxes will be delivered successfully. a. Click the link in the Context column. b. Update the fax number - Don’t forget to click Save!
2. Clear the error so it no longer shows up in your Notification Errors report . a. Check the box next to the failed fax you want to clear. b. Choose Cancel from the Batch Actions menu.
3. Resend the report to the correct fax number.
    - From the Studies page, check the box next to the study, open the Batch Actions menu, and choose Send Report.
    - Enter the fax number, click the green plus button, and then click Send.

Additional information is located in the Studycast Help at Status Page Notifications

Add Division

Adding Divisions

Divisions are an optional way to organize workflows and to define which studies admins, technologists/sonographers, and office staff can access. Divisions do not define which studies reading or referring physicians can access. Their access is based on the assignment of studies to their reading or referring group.

Two common ways of using divisions are to limit access to studies based on location or based on the technologist/sonographer.

To add or edit a division,

1. In the main menu, click **Admin**.
2. In the menu on the left, select **Divisions**.
   a. **To add a division**: At the bottom of the page, click the **Add new Division** button.
   b. **To edit a division:** Find the group in the list and click the edit icon in the ID column.

You will see the same tabs and options whether you are adding or editing a division. Edits made here apply only to the selected division. Users outside the selected division are not affected.

See detailed information about adding and modifying Divisions in Studycast Help

Assign Care Type

When care types are enabled, they offer users a way to categorize studies so they can be prioritized appropriately. When a care type is assigned to a study, that study will be highlighted on the Studies page after the period of time set for that care type. The counter starts as soon as the study is uploaded.

Enabling Care Types

As an admin, you can create and define care types to meet physicians' and technologists' needs. For example, you might create a care type called STAT that highlights studies after 30 minutes to indicate that they should be read first.

> ⓘ Care types can allow email or SMS notifications to be sent to physicians or staff for studies with care types assigned.

To enable and define care types,

1. Click **Admin** on any page. **Client Info** is selected by default.
2. Below the client information, click the **Edit** button.
3. Select the **Care Types** tab.
4. Make sure the **Display care type column on Studies page** box is checked.
5. Enter a name, description, and alert time in hours.   The highlight color will be red by default, but you can choose to select a different highlight color if desired.
6. Click either **Save** or **Save & Close**.

Once they are enabled and defined, users can assign care types to studies on the Studies page.

Assigning Care Types

When a care type is assigned to a study, that study will be highlighted on the Studies page after the period of time set for that care type. The counter starts as soon as the study is uploaded. For example, you might want a care type called STAT that highlights studies after 30 minutes to indicate that they should be read first.

Once care types have been enabled, you will need to customize the Studies page grid to add the Care Types column. For instructions on how to do that, see Customize the Grid.

To assign a care type to a study,

1. On the Studies page, click the study ID to open the **Study Properties** window.
2. Click the dots (…) next to **Care Type** and select from the drop-down list.

If the study is not read or finalized in the time defined for that care type, the study will be highlighted on the Studies page.

Compare Studies

The Compare function enables the comparison of data from multiple studies of the same study type and protocol. The comparison includes

- Patient demographics
- Study measurements
- Observations
- Findings

To compare studies,

1. On the Studies page, select at least two studies. There is no limit to the number of studies you can select for comparison.
2. Click the down arrow at the top of the check box column.
3. In the menu that opens, select Compare. The Compare studies window opens.

In the Compare studies window, each study is displayed in a separate column. To resize a column, click and drag the border.

Differences between the studies are highlighted in a different color. To see only the differences between the two studies, check the Show only differences box at the bottom left.

Exporting the data

To export or print the data,

1. Select an output format (PDF, CSV, or HTML). If you plan to analyze the data in Excel, choose CSV.
2. Click the Export/Print... button.

The output file will include only the data you are currently displaying. If the Show only differences box is checked, the output file will include only the fields where the studies differ.

Create a New Study

Create a Non-Image Study and Attach Files

It can be useful to create a study in the Studycast system that does not contain images but does have attachments, such as EKG or Holter information. To create a non-image study with attachments, start from the Studies page.

1. In the bottom left corner of the Studies page, click the New Study button.
2. In the Create New Study window, enter the required information, including study type, assigned physicians, and patient information.
    - To enter information, click the text you want to edit or the dots for an empty field (…).
    - If the patient is already in the Studycast system, click the dots (…) next to Lookup Patient. If the patient is not in the Studycast system, click the Create Patient button to add the patient.
3. Click the Attach file button.
4. Then locate and select the file you want to attach.
5. Click the Create button to create the new study with the file attached.
    - To enter a description for the attachment, click the dots (…) and enter text.
    - To make the attachment private, click No in the Private column and select Yes from the drop-down options.

If you want to save your selections as default values, click the Save default values button. If you manually create a lot of studies, saving default values, such as study type, division, and reading group, can save you time. These values automatically populate the Create New Study window when you click New Study.

Note: By default, only admins and sonographers/technologists have permission to create new studies manually. If you need for this permission to be added to your account, contact your admin.

See Studycast Help for more information on manually creating a study.

Grid Setup

Grid Setup

The Studies page can be configured to display only the columns you want in whatever order you choose. Y
To configure the Studies page,

Click the Grid Setup button Grid Setup button in the lower right corner of the Studies page.

The Select columns window appears.

The left side of the window lists columns that are currently displayed in the Studies page. The right side list

- Reorder Columns: To reorder the columns on the Studies page, click and drag each column you would
- Remove Columns: To remove a column so that it does not appear on the Studies page, click the minus
- Add Columns: To add a column to your Studies page that is not currently displayed, click the plus sign r a different spot in the list.

Click OK to apply your changes and close the window.

Batch Actions

View or Edit Properties for Multiple Studies

You can make changes to multiple studies at once on Studycast using the Group Action feature. This is useful if you want to change the Study Type or assigned reading physician on multiple studies at once, instead of modifying each individually.

To edit the properties for multiple studies, start from the Studies page.

1. Click the check box next to each study you want to edit.
2. Click the down arrow at the top of the check box column. In the menu that appears, select Properties.
    - The Study Properties window opens. It displays only the properties you can change for all selected studies.
3. To change a property, click No change and select a different option. If you change the date of service, you can enter a comment to explain the change. If a study's status is Final, you cannot change the Reading Group, Reading User, Referring Group, or Referring User.
4. To apply your selections, click OK.

Modify User Permissions

Modify User Permissions

As a Studycast Administrator you have the ability to modify the permissions of users on your account.

Each user on Studycast is assigned one of the following user types/roles with a default set of permissions, which can then be further modified if needed:

- Client Administrator
- Client Staff
- Sonographer
- Reading Physician
- Reading Staff
- Referring Physician
- Referring Staff

To modify a users permissions on Studycast, click on the Admin tab, and choose the Users link to view the users on your account.

Click the Edit link for the user account you would like to modify, and click on the Permissions tab.

The active permissions for the users account are displayed with checkmarks in the list of available options. To add/remove any of these permissions check or uncheck the option, then click Save & Close.

Print Reports

Print Reports

You can print multiple study reports at a time from the Studies page. To print reports,

1. Check the box next to each study you want to include.
2. Click the arrow at the top of the check box column. In the menu that opens, select

   Print reports.

   - The **Prepare reports for printing** window opens. If any studies you selected do not have a report, they are listed here.
3. Click the **Prepare** button to generate the PDF. A single PDF is created. This PDF contains all the reports you selected.

Please note you can print a maximum of 100 reports at a time.

Save List

Save a List of Studies

You can save a list of studies from the Studies page in PDF, HTML or CSV format to your computer or network. To save a list press the Save List button in the bottom-left corner of the Studies page. For more information on using Save List see Studycast Help

Manage Cases

See this article in Studycast Help

In Studycast, cases allow you to group studies when they belong to a single pregnancy.

Cases apply to Obstetric, Fetal Echo, and Fetal Non-Stress Test study types, and allow you to:

- Populate the EDD from the previous Obstetric study in the pregnancy
- Plot the EFW and other relevant values from previous studies in a case
- Enable in-worksheet access to the Compare function for studies in a case

Note: The Studycast Advisor prompts you when the study you are working on should be added to a case or used to create a new case. The workflow described below outlines an alternative way to manage cases. To learn more about the Advisor functionality, visit the Studycast Advisor page. To learn more about using the Advisor to manage cases, visit Studycast Advisor for Obstetric.

On the Studies page, you can add multiple studies for the same patient to a case. Once you have created a case, the case will be available on the patient's current study as a reference.

Open the Manage Cases Window

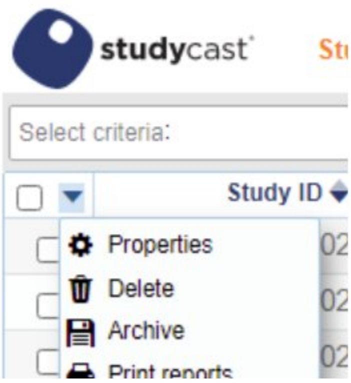
You can manage cases from the Obstetric worksheet or from the Studies page.

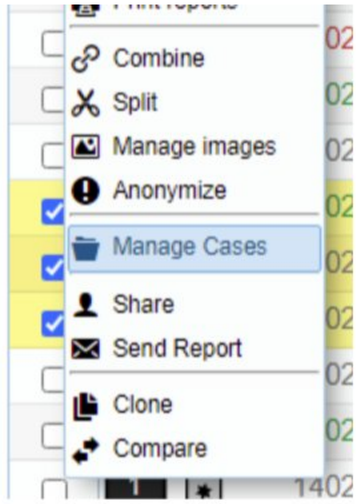
On the worksheet:

1. Click the **Patient Cases** button, located in the **Studies in a Case** section of the worksheet. The **Manage Cases** window opens.

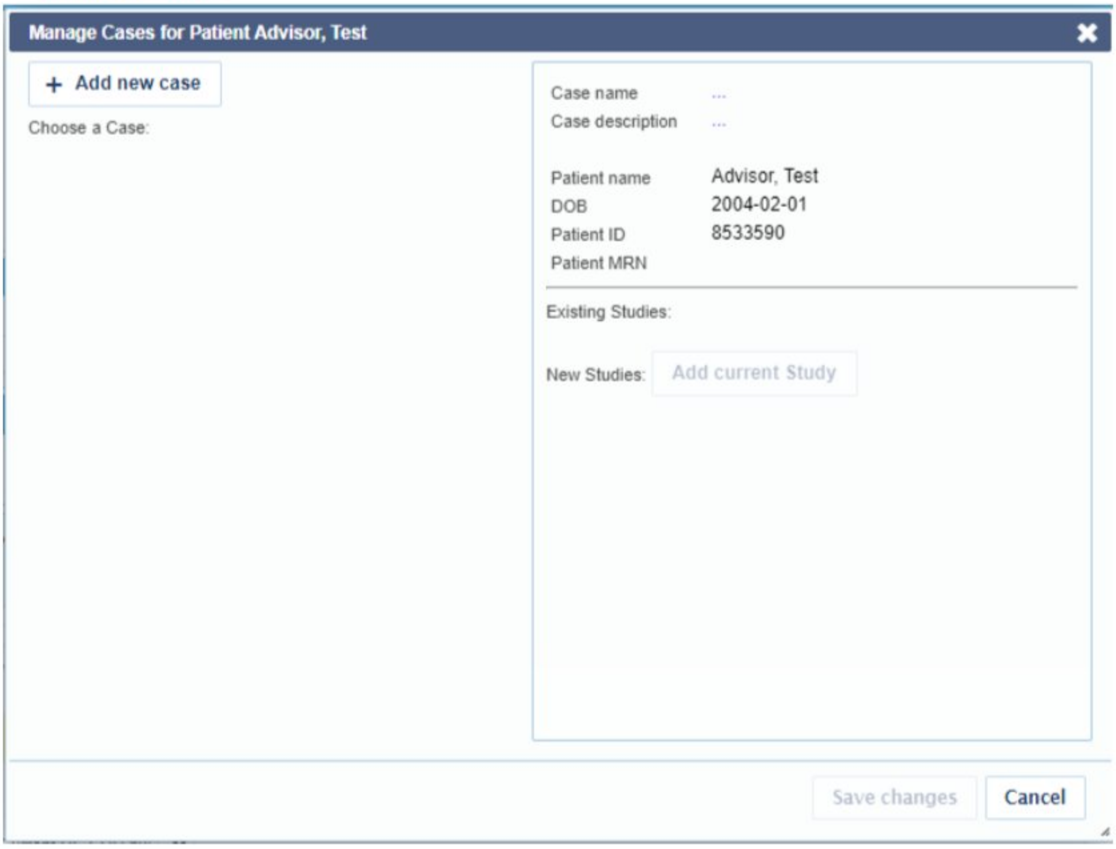
On the Studies page:

1. Search for studies by patient name. Only studies with the same patient name can be added to a case. For help with the search, see Search for Studies.
2. In the search results, check the box next to each study you want to add to the same case.
3. Click the down arrow at the top of the check box column. In the menu that opens, select **Manage Cases**.





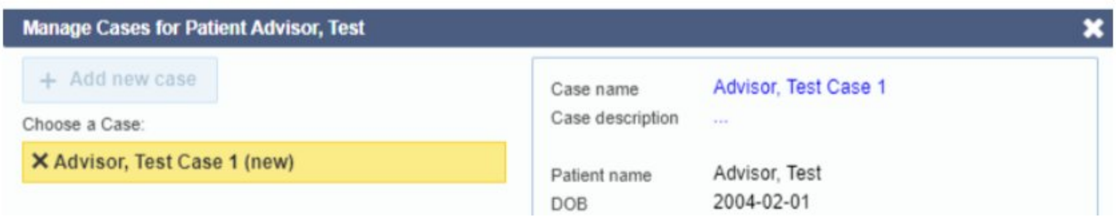
The **Manage Cases** window opens.



Create a New Case

To create a new case:

1. In the **Manage Cases** window, select **+ Add new case**. A new case is added and the name is generated automatically.



2. To rename the case, click the existing name (in blue text, next to **Case name** on the right side of the window) and type a name.
3. To add the studies you selected on the Studies page to this case, click the **Add selected Studies** button. The studies you selected appear under the button.
4. At the bottom of the list of new studies is a blank row. To find additional studies to add, click the dots (**…**). All of this patient's Obstetric, Fetal Echo, and Fetal Non-Stress Test studies appear in a drop-down list. Select a study to add it to this case.
5. Click **Save Changes**.

Add Studies to an Existing Case

The left side of the **Manage Cases** window lists cases that already exist for the selected patient. To add studies to an existing case:

1. Select the case from the list on the left. The box on the right lists existing studies that are already associated with the selected case.
2. To add the studies you selected on the Studies page to this case, click the **Add selected Studies** button. The studies you selected appear under the button.
3. At the bottom of the list of new studies is a blank row. To find additional studies to add, click the dots (**…**). All of this patient's Obstetric, Fetal Echo, and Fetal Non-Stress Test studies appear in a drop-down list. Select a study to add it to this case.
4. Click **Save Changes**.

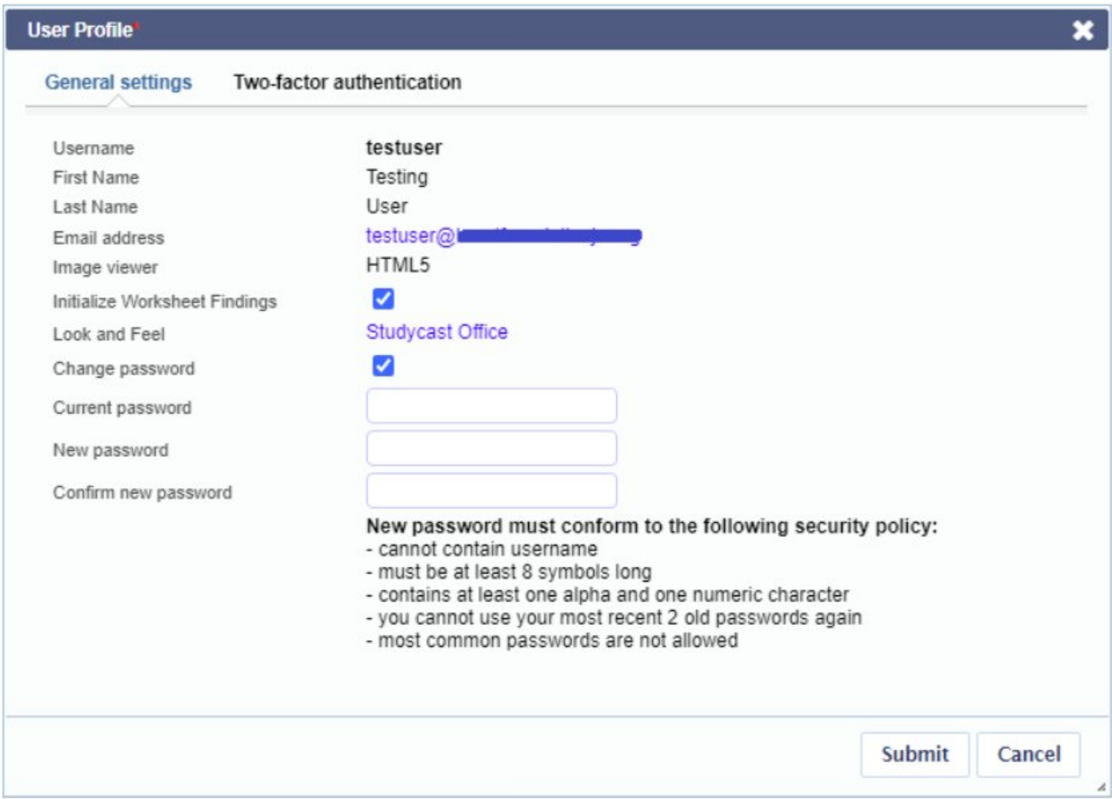
Change Password

Change Password

Note: The system will not allow you to use a password that is on the list of Prohibited Passwords.

To change your password:

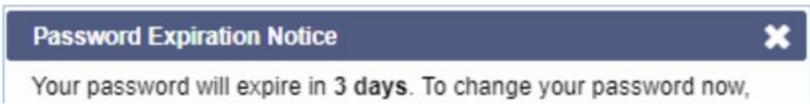
1. On the Studies page, click **Profile** in the top right corner.
2. In the **General settings** tab, check the **Change password** box.

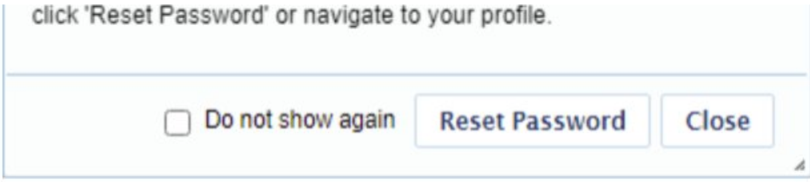


3. Enter your old password. This is the password you used to log into the Studycast system today.
4. Enter a new password that conforms to the security policy listed at the bottom of the window.
5. Enter the new password a second time to confirm.
6. Click **Submit**.

Your password has been changed. Use the new password the next time you log into the Studycast system.

The Studycast system will remind you your password is about to expire beginning 5 days prior to your password expiration date.





To change your password immediately click **Reset Password** in the dialog or click **Close** to change at a later time.

Split Valve Structure/Function Statement Option (Echo)

Studycast offers an option for your Echo worksheet and reports to either combine or split Valve Structure statements. You can use this option to enhance or condense the valve statements as desired for your Echo worksheets and reports.

To enable/disable this option, please reach out to Studycast Support at support@corestudycast.com or at 866.209.3393 x 3

Split Valve Structure/Function Statements

No* Yes

Determines how Findings are generated when valve morphology or regurgitation is abnormal.

Default Statement Example (No):
- Structurally normal trileaflet aortic valve with mild to moderate regurgitation.
- Sclerosis of the aortic valve.
- Mildly restricted aortic valve leaflets.
- No evidence of aortic valve stenosis.

Split Statement Example (Yes):
- Structurally normal trileaflet aortic valve. No evidence of aortic stenosis. Mild to moderate aortic regurgitation.
- Sclerosis of the aortic valve.
- Mildly restricted aortic valve leaflets.

Manage Preset Favorites

Manage Existing Preset Favorites

Note: Users with **Preset Favorites: Manage** and **Preset Favorites: Create** permissions can manage Preset Favorites. Users with the Preset Favorites: Create permission are limited to managing presets that they own/created. If you do not have this permission, contact your admin.

To manage an existing preset:

1. Click the Favorites (**«**) button in the lower left corner.
   The **Manage Preset Favorites** window opens.
2. Click on the name of the preset you would like to edit.
   The **Edit Preset** window opens.

Users with appropriate permission level can edit:

- Preset name
- Preset group
- Description

In the **Scope** tab, you can:

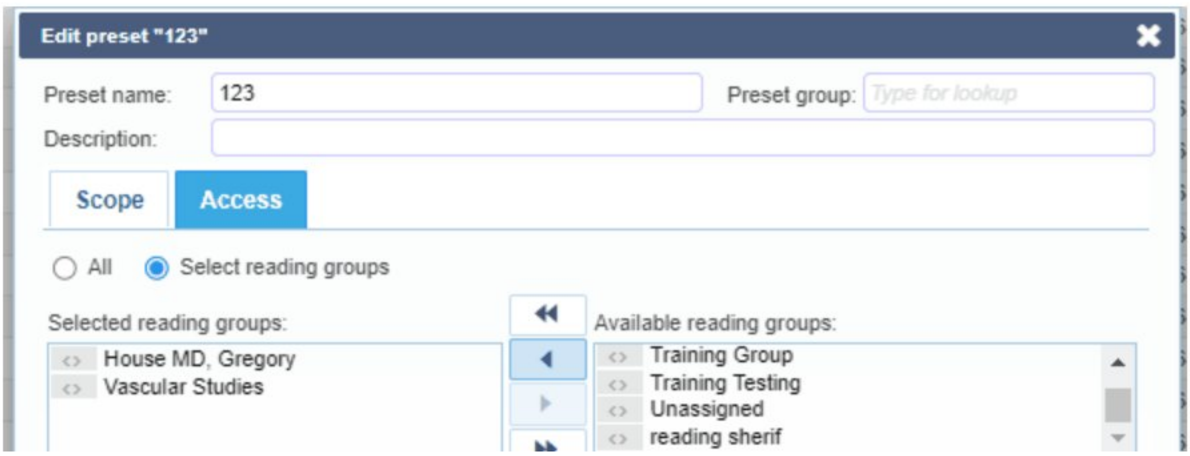
- Modify the scope of sections from the worksheet to include in the preset.
- Click the **Apply current worksheet values** button to re-import worksheet data to the preset. This functionality is useful in cases where you would like to make a change to an existing preset while maintaining the current Preset name, Preset group, and other attributes.

The grid at the bottom of the **Scope** tab provides details about the fields and values from the worksheet that are included in the preset.

In the **Access** tab, you can modify which reading groups have access to edit the Preset Favorite. Using the arrow keys, users may add and remove Preset Favorites from the selected reading groups to share or remove access.

Please note the following:

- Multi-select functionality is available by holding the CTRL + mouse click.
- The **All** radio button can be used to grant access to the preset to all available reading groups.



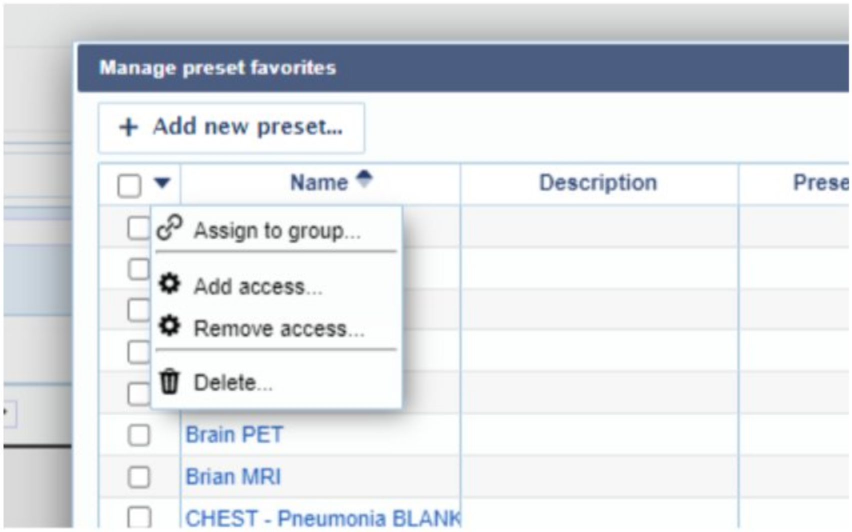
Click **Save** to save your changes. Alternatively, the **Save as** button can be used to save a duplicate copy of the preset with a different name.

> **Note:** Duplicate names are not allowed for Preset Favorites.

Batch Action Management of Existing Presets

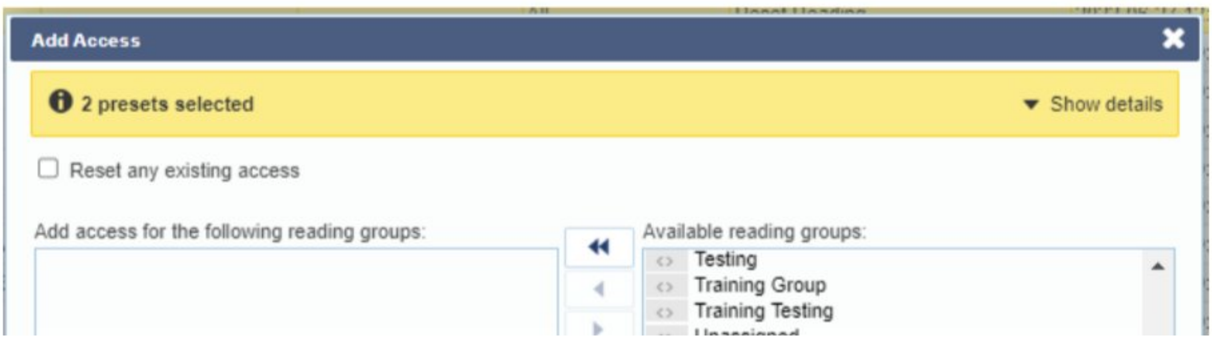
To manage multiple existing Preset Favorites:

1. Click the **Favorites «** button in the lower left corner.
   The **Manage Preset Favorites** window opens.
2. Select the checkboxes of the Preset Favorites you would like to manage.
3. Select the batch action menu (**v**) at the top of the first column.



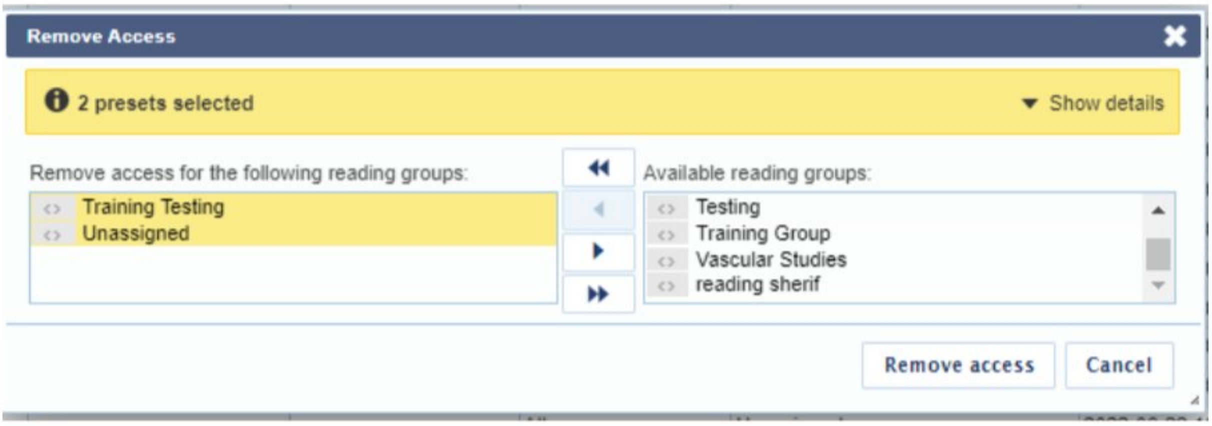
From the batch action menu, you can:

Add access
Grants reading group access to the selected Preset Favorites.
The **Reset any existing access** check box provides a way to clear any current reading group access for the selected Preset Favorites.



Remove access

Removes reading group access for the selected Preset Favorites.



Delete

Deletes the selected Preset Favorites.

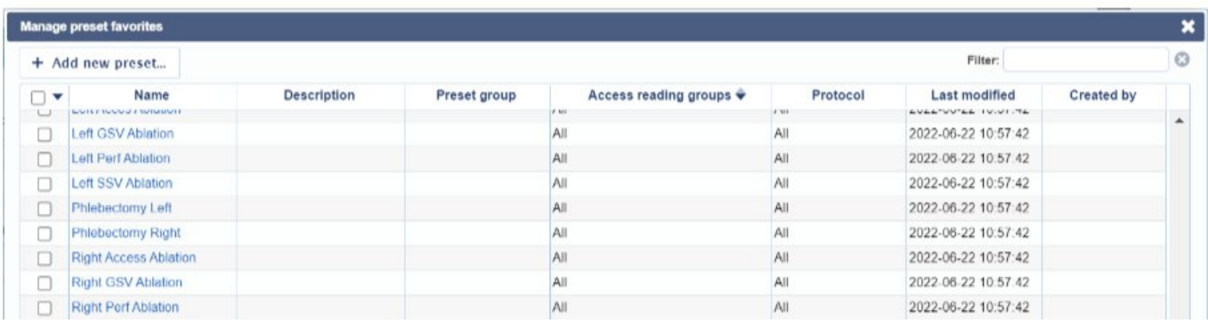
Assign to group

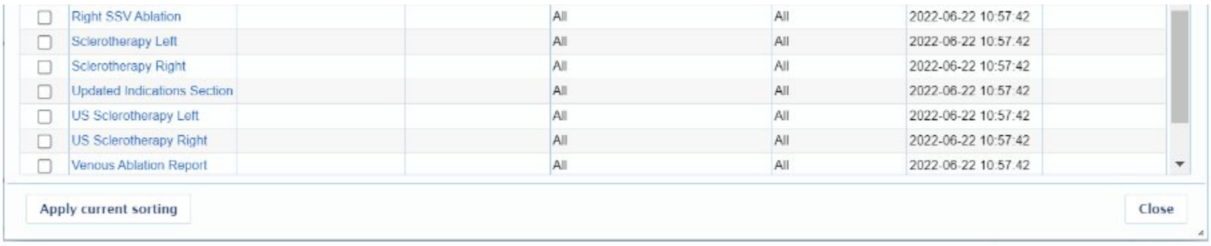
Assigns the selected Preset Favorites to a new **Preset Group**. Assigning groups of presets to Preset Groups can help make worksheets with many presets more manageable.

Manage Preset Favorites Window

The **Manage Presets Favorites** window displays the following columns with useful information:

- Name
- Description
- Preset group
- Access reading groups
- Protocol
- Last modified
- Created by





In the **Manage presets favorites** window, you can reorder and sort columns and use the Filter to locate Preset Favorites.

The **Apply current sorting** button in the lower left applies the current list order to the Preset Favorites list in the worksheet.

The **Protocol** dropdown provides you with a quick way to filter to Preset Favorites assigned to a specific protocol type.

Note: The **All protocols** option filters the list to show only the Preset Favorites which are assigned to "All". This is because "All" is a protocol designation. To see the entire unfiltered list of Preset Favorites, select "blank" in the **Protocol** dropdown.

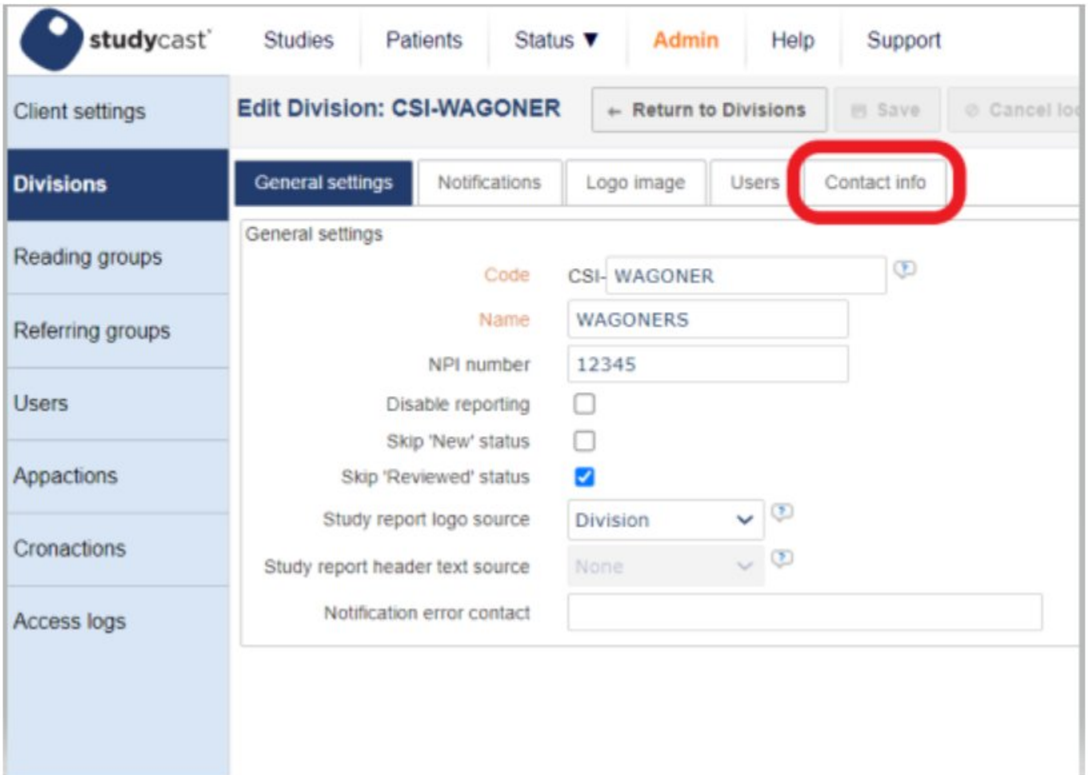
Add Address to Study Report Header

Studycast provides users with the option to automatically populate report headers based on the address information entered in **Contact info**. The same address information can be used for all study reports, or you can use different addresses for different divisions, reading groups, or referring groups.

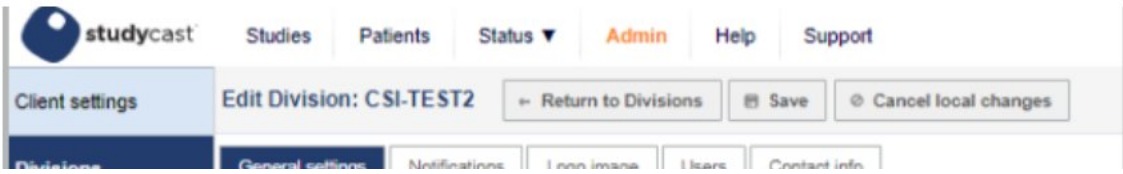
Add Address

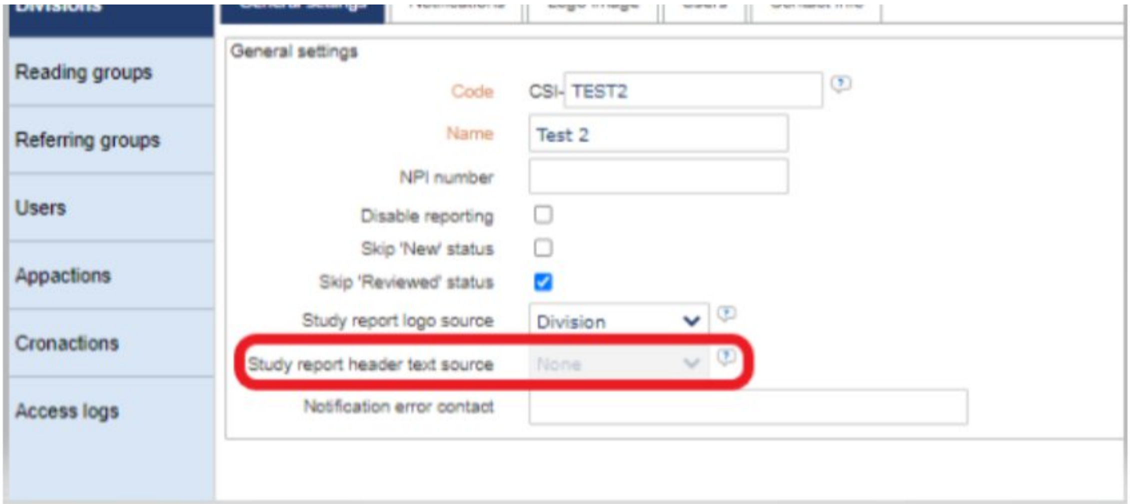
To update address information:

1. Click **Admin** at the top of any page.
2. Select the **Division, Reading Group**, or **Referring Group's** address information you wish to use in the report header. The **Client settings** section is selected by default.
3. Select the **Contact info** tab.
4. Enter or edit the contact information as desired.
5. Save changes.



6. In the menu on the left side of the page, select **Divisions**.
7. On the **General settings** tab, select from the **Study report header text source** the address source you want to use in the report header (Client, Division, Reading Group or Referring Group). **Important Note:** Contact Studycast Support if the **Study report header text source** field is disabled and you would like to use the auto-address header functionality.





8. Save changes.

Please Note:

1. Selecting **Reading** or **Referring Group** as the **Study report header text source** will include the address information you entered for each **Reading** and **Referring Group** in the **Division**. For more information on divisions, see [Manage Divisions](#).
2. In **Divisions**, on the **General settings** tab, If the "None" option is selected for **Study report header text source**, an address will *not* be displayed on the report.

If any option is selected for **Study report header text source**, i.e., **Client**, **Division**, **Reading Group**, or **Referring Group**, but no address information is available for the selected source, the address information for the next available source will be used for the report going from Group => Division => Client.

Manage Images

In the Manage Studies window, you can reorder the images in a study, delete images, and copy images to a different study.

To manage a study's images:

On the Studies page, click the check box next to the study you want.

Click the down arrow at the top of the check box column to open the Batch Actions menu.

Select Manage Images. The Manage Study Images window opens.

Make the changes you want.

To reorder the images:

Click and drag images to a new location, or

Select one or more images, and then use the Move up and Move down buttons to change their location.

To delete images:

Select each image you want to delete.

Click the Delete button. The images will not be deleted until you click the Apply button.

If you have chosen to delete images and then change your mind, you can select a deleted image and click the Undelete button as long as you have not clicked the Apply button yet.

To copy images to another study:

Select the images you want to copy.

Click the Copy to... button.

In the Copy Images to... window, choose whether to copy the selected image(s) to a new study or to an existing study, you can find the study by typing in the look-up field. You can enter the first few characters in the Study ID, Study Type, Patient Name, or Date of Service. Matching studies will characters in the Study ID, Study Type, Patient Name, or Date of Service. Matching studies will appear in a drop-down list. Or you can simply tap on your space bar twice, and the first 100 studies on the Studies page will be displayed in the list.

When you click Apply, all your changes will be made. If you've chosen to delete images, they cannot be recovered after you click Apply.

QA Workflow

Performing QA

If your facility needs to evaluate and track the quality of exams for an imaging program, emergency department, or any organization requiring the credentialing of interpretations, optional QA functionality can meet this need.
In the Studycast system, QA functionality allows physicians to attest to a subset of QA questions after a study has been read. If your Studycast account uses this functionality, your workflow for approving studies will follow this process:

Performing QA for non-credentialed users, or users that require a second signature

1. Approve and verify the study, following the steps outlined on the Verify Study page. The study's status changes to **Final**. The worksheet can no longer be edited.
2. Navigate to the **QA** tab, and attest to the QA questions shown.

> ⓘ Physicians belonging to the QA group that has been assigned to the study have access to view the QA worksheet tab. If you do not see the tab in the worksheet, contact the Administrator of your Studycast account to ensure that the study is assigned to the correct QA group.

Performing QA for credentialed users, or users that do not require a second signature

1. Approve the study. The study's status changes to **Final**. The worksheet can no longer be edited.
2. Navigate to the **QA** tab, and attest to the QA questions shown.

> ⓘ The QA group field will remain active when a study has been finalized. It will deactivate when the QA questions have been attested to.

Assigning a Study to a QA Group

If the QA group has not been assigned, or you'd like to assign the study to a different verifying physician group, you can make that change in the worksheet or in the **Study Properties** window.

In the worksheet, navigate to the **Patient Information** section, and locate the **QA group** field.

- To add a QA group, click the dots and begin typing.
- To change the QA group, select the name of the QA group and begin typing.

Admins, reading physicians and sonographers have the **Change QA group** permission by default.
Admins can grant this permission to other user types.

For more information about permissions, see the User Types and Permissions page.
For more information about managing the permissions of users in your account, see the Manage Users page.

Add an Addendum

If the study is not yet approved, the report contains a “Preliminary” watermark. Once the study is approved, the watermark is no longer included in the report.

Updating Patient Demographics

To update a patient’s Name, Gender, or Date of Birth (DOB):

Navigate to the **Studies** page in Studycast.

Click on the **Patient Name** to open the Patient Properties box.

Edit the **Name**, **Gender**, or **DOB** as needed.

Click **OK** to save your changes.

If changes need to be made after the study is approved, there are two options: reset the study status to Preliminary or add an addendum.

To reset the study status, contact your admin.

To add an addendum:

Open the study worksheet.

Click on the **Add Addendum** button in the bottom right corner.

On the Add Report Addendum page, you can enter text in the box to explain the additions or changes. If you click **Concur**, a standard statement is automatically entered into the box.

For example, you can use the addendum to correct a patient ID or update the Date of Service (DOS).

When you are finished with the text, click the **Add Addendum** button below the text box.

An addendum can only be added to a study that has been finalized. If an addendum has been added, the following note will appear in the Conclusions section of the study report: Additionally, if the referring physician group is configured to receive final reports, the updated report with the addendum will be sent to them automatically.

THIS REPORT HAS BEEN UPDATED; SEE ADDENDUM.

Add Addendum tutorial video

Reprocess Fax Notifications

If notifications fail to send successfully because the receiving fax machine was not available, you should reprocess them within 14 days.

To reprocess:

1. Click the check box next to each notification you want to reprocess.
2. Select the batch action menu (V) at the top of the check box column.
3. In the menu that opens, select **Reprocess**.
4. Click **OK** to confirm.

Note: If the notification failed to send successfully because the fax number is wrong, you will need to update the recipient's fax number and then resend the report from the Batch Actions menu on the Studies page. For more information, see Resolve Failed Fax and Send Study Report.

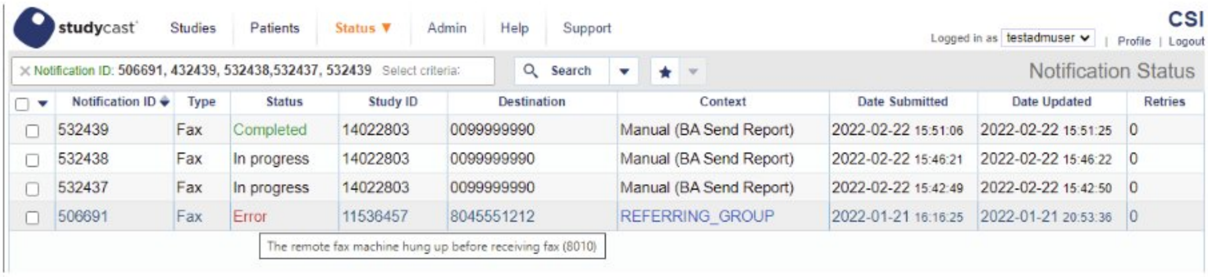
Resolve Failed Fax

Delivery of the final study report is an important part of your imaging workflow. If your Studycast account is set up to deliver reports by fax, you might have instances in which the fax delivery fails. When that happens, you'll automatically receive a Notification Error report at 7:00 am.

You'll want to follow these simple steps to resolve the issue and ensure that the report is delivered successfully.

Why Did the Fax Fail?

On the Notifications Status page, roll over **Error** in the Status column to see more information about why the fax failed.



Fax Machine Unavailable

If the fax number is correct and the Status column rollover suggests the fax machine was simply unavailable, you can try sending the fax again.

1. Check the box next to the failed fax.
2. Choose **Reprocess** from the Batch Actions menu.

Fax Number Incorrect

If a fax has failed because the fax number is incorrect, follow this 3-step process to change the number and resend the fax.

1. Update the fax number so future faxes will be delivered successfully.
    - Click the link in the **Context** column.
    - Update the fax number - Don't forget to click **Save**!
2. Clear the error so it no longer shows up in your Notification Errors report .
    - Check the box next to the failed fax you want to clear.
    - Choose **Cancel** from the Batch Actions menu.
3. Resend the report to the correct fax number.
    1. From the Studies page, check the box next to the study, open the Batch Actions menu, and choose **Send Report**.
    2. Enter the fax number, click the green plus button, and then click **Send**.

Studycast Integration Program

Studycast Integration Program

With the Studycast system, you can access a seamless integration out-of-the-box with your vendor of choice — all without a lengthy, complicated setup process. Currently, the partnerships that we support provide AI data for your studies. You can integrate with as many partners as you would like.

To view our partners, navigate to the **Integration Partners** tab under **Client Settings** in the Admin tools.

Workflow

Images acquired, uploaded to Studycast, and forwarded to vendor	→	AI vendor evaluates images and sends back new data	→	New data displayed in Studycast for review and can be accepted or rejected by user

Onboard With a Vendor

Navigate to the **Integration Partners** tab under **Client Settings** in the Admin tools. You will see all Studycast Integration Partners listed on this page. Select the vendor that you would like to integrate with. This will take you to a web page with instructions to activate your integration with this vendor.

Sending to a Vendor

Studies can be forwarded to a DICOM destination, such as a vendor or a remote archive (for example: an additional PACS or VNA at your organization). Studies can be forwarded automatically upon upload via CoreGateway TM routing rules or manually from the Studies page. For more information on DICOM forwarding, see DICOM Forward.

No additional configuration is required to manually forward studies once you have activated an integration with a vendor. If you would like your studies to forward automatically, our support team can set up rules to automatically route some, or all, of your studies to the vendor.

Worksheets and Reports

If one or more additional structured report files containing new data is received by Studycast from a vendor, you will see a notification at the bottom of the worksheet.

1. Click **Show Details** in the notification to view the measurements received from the vendor.
2. The **Apply Measurements** window opens. By default, the values received from the vendor are checked. If more than one value was received for the same measurement field, the most recently received measurement will be checked by default. Ensure that the values you would like to populate in the worksheet are checked.
3. The **Re-generate findings statements** box is checked by default. If this box is left checked, the **Edit**

Findings window will open. This window allows you to edit individual findings statements impacted by the measurements that have been selected.

4. Click **OK**.
5. Selected values will populate in the worksheet.

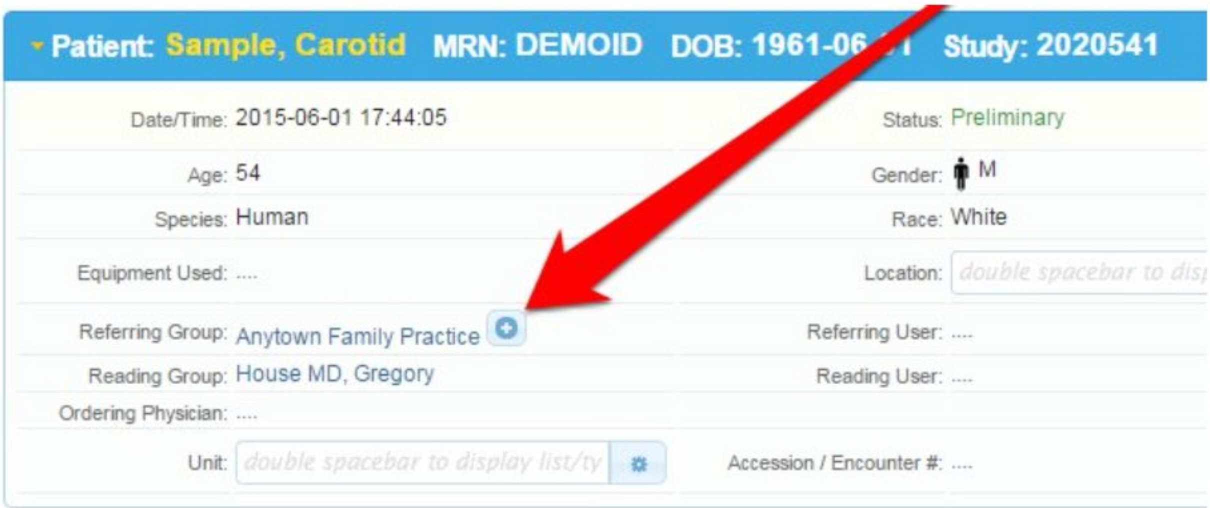
Once the values have populated, you will see a superscript number by the value on both the worksheet and the report that corresponds with the source.

Add Referring Group

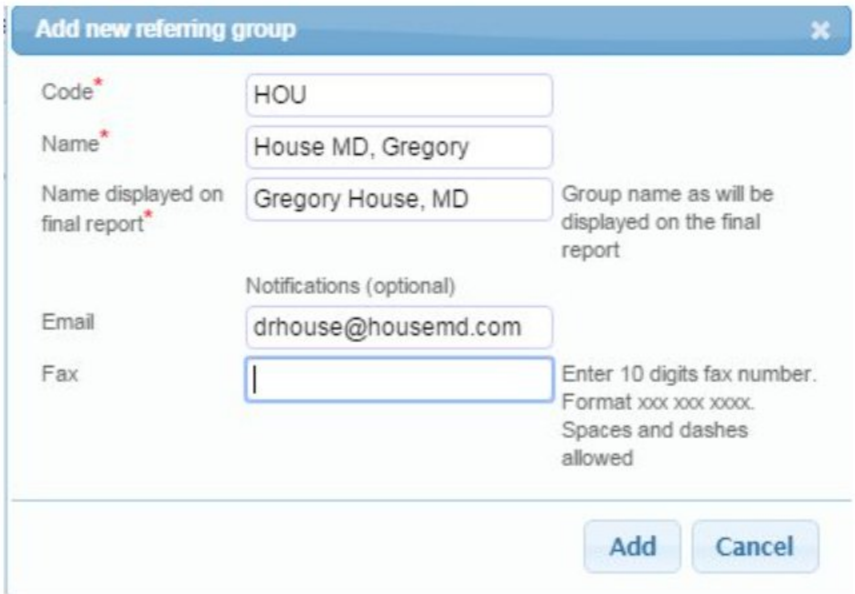
Add Referring Group

Sonographers have the ability to add new Referring Groups directly from the study worksheet.

- Open the study worksheet
- In the Patient area click on the + icon in the Referring Group area



- Fill in the Referring physicians information, including an appropriate 3-4 letter code for the doctor, and the email address or fax number if they would like their final reports automatically delivered on approval.



Administrators can also add/edit Referring Groups from the Admin tab. See detailed information in Studycast Help

User Permission Favorites

Permission favorites allow you to save a specified set of permissions. This is most helpful if you add permissions outside of the default permissions assigned to the user role.

Admin users can find the permissions favorite on the permissions tab, it is the star in the bottom left.

A batch action is also available that allows assignment of a permission to multiple users at the same time. Click the checkbox(es) to the left of the users you want to grant permission to, then click the drop down at the top of the checkbox column and choose Apply Permission Favorite, then the specific favorite you would like to apply.

Creating Performing Users

Performing User on Studycast

The Performing User can auto-populate on Studycast based on information coming over from an imaging device. It is recommended that a Sonographer or Technologist use their initials as a Code to allow their name to populate on Studycast.

Performing User on Imaging Devices

For some devices a user has to create a Profile and log into the device with the Profile for the User Information to send with the exams. Other ultrasound machines allow the user to enter a name manually. A good indicator if a user can enter their information is if there is a Dropdown arrow next to the field for the Operator on the machine.

GE Systems

For GE Systems the Operator field is what provides the name of the tech performing the exam. This is a dropdown field on the ultrasound machine. Please note the below instructions are general instructions and may be different depending on the GE ultrasound machine the client is using.

Add a User

1. Login with the Admin account on the ultrasound machine into the ultrasound machine
2. Select [Utility/Config] → [Admin] → [Users]
3. Once in Users the new user can be created.

The ID field is what sends in DICOM Tag (0008,1070) for 'Operators Name' and is used to populate the name of the Performing User on Studycast.

Hitachi/Aloka/Fuji Systems

For Hitachi/Aloka/Fuji systems the “Operator” field allows the operator to enter their Initials or Name which is on the Screen when the Operator is creating an exam. This is a free text field on the ultrasound machine.

Mindray/Zonare Systems

For Mindray and Zonare Systems the Operator field is what provides the name of the tech performing the exam. This is a dropdown field on the ultrasound machine. Please note the below instructions are general instructions and may be different depending on the Mindray or Zonare ultrasound machine the client is using.

Add a User

> ⓘ Turn on the access control function before you add the user.

1. Open the “Admin” page using the path: [Setup] → [System Preset] → [Admin].
2. Click [Add] to bring up the dialog box.
3. Select the user type and enter the users name and password.
4. Click [OK] to confirm the setting and exit the dialog box. The new user will appear in the User List.

MyLab Systems

For MyLab Systems the “Operator” field allows the operator to enter their Initials or Name on the screen when creating an exam. This is a free text field on the ultrasound machine.

Philips Systems

For Philips Systems the “Exam Performed by” field allows the operator to enter their Initials or Name which is on the Screen when the Operator is creating an exam. This is a free text field on the ultrasound machine. The 'Exam Performed by' field is what sends in DICOM Tag 0008,1070 and is used to populate the Performing Users name on Studycast.

Samsung Systems

For Samsung Systems the “Sonographer” field allows the operator to enter their Initials or Name which is on the Screen when the Operator is creating an exam. This is a free text field on the ultrasound machine even though it may have a dropdown next to it. It may be possible for the user to save options to the dropdown. The “Sonographer” field is what sends in DICOM Tag 0008,1070 and is used to populate the Performing Users name on Studycast.

Edit Study Properties

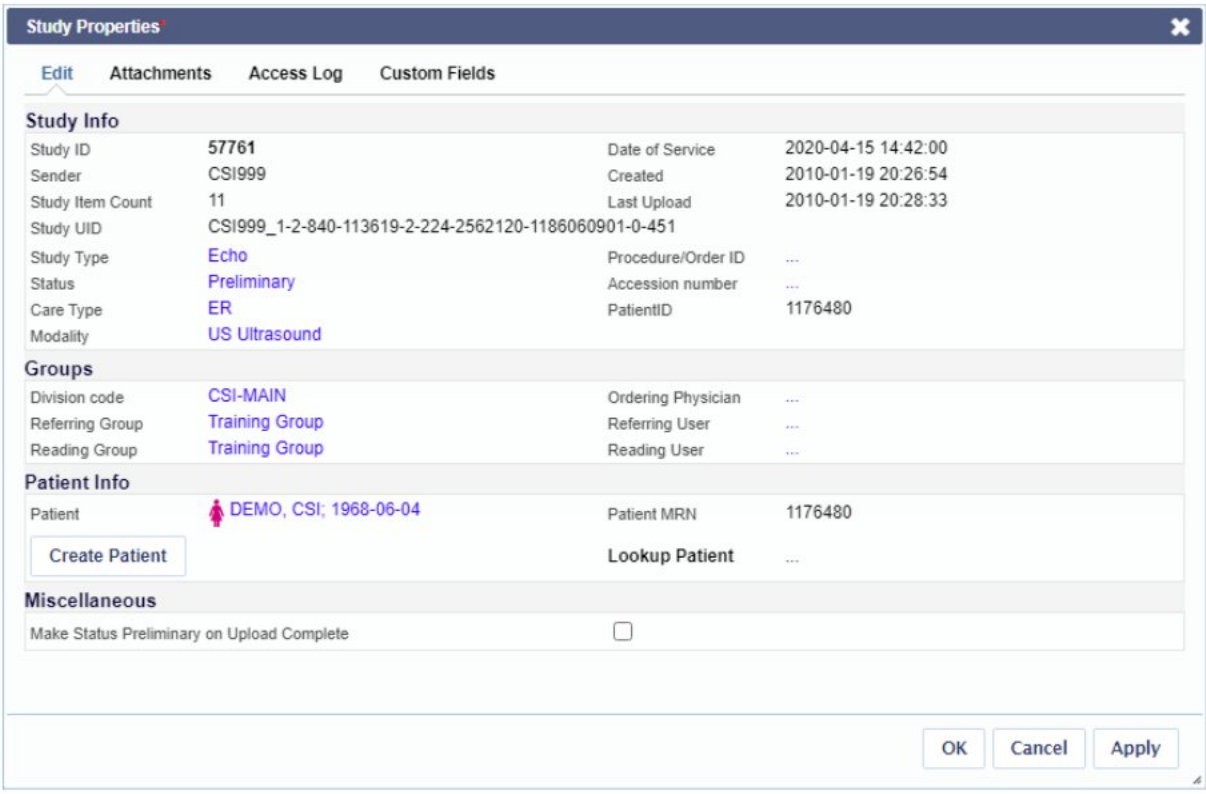
Edit Study Properties

See this article in [Studycast Help]()

The **Study Properties** window displays information associated with the selected study.

View or Edit Properties for a Single Study

To view or edit the properties for a single study, click the Study ID on the Studies page. The **Study Properties** window opens.



This window contains four tabs:

Edit: Displays the Study Info, Groups, Patient Info, and an option to make status preliminary on upload complete, which only applies if studies are uploaded with the CoreGateway^{TM} uploader. Some text can be edited. To edit, click the text. Empty fields display dots (**...**). Click the dots to enter text.

Attachments: Lists the study's attachments. To add an attachment, click **Attach file**.

Access Log: Displays the list of actions performed on the selected study. Other columns indicate the date and time, user, IP address, and location, along with additional information about the action performed. This tab is available only to users with administrative access.

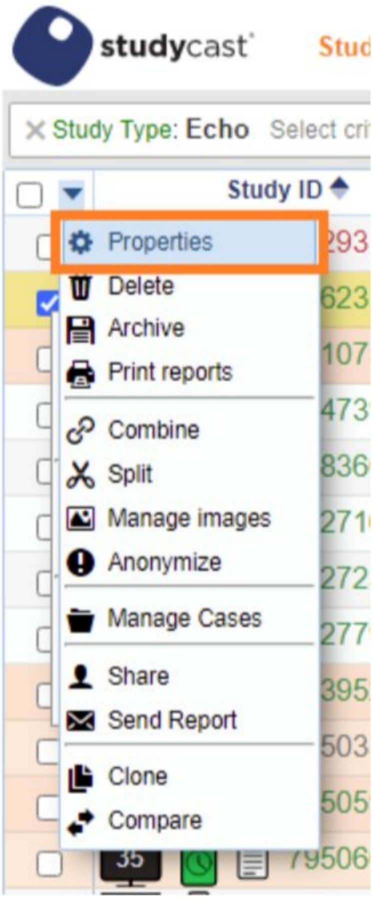
Custom Fields: Columns that display custom fields can be added to your Studies page. To set up custom fields, [contact Studycast support](). If you have custom fields, they are listed here. Data can be entered into these fields only from this tab. To enter data, click the dots (**...**).

View or Edit Properties for Multiple Studies

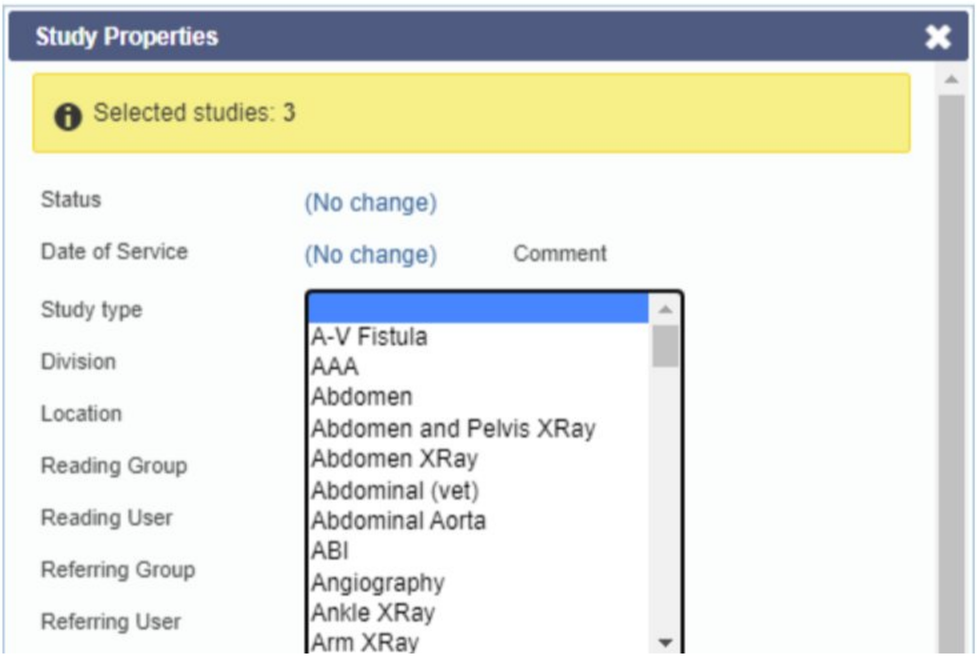
View or Edit Properties for Multiple Studies

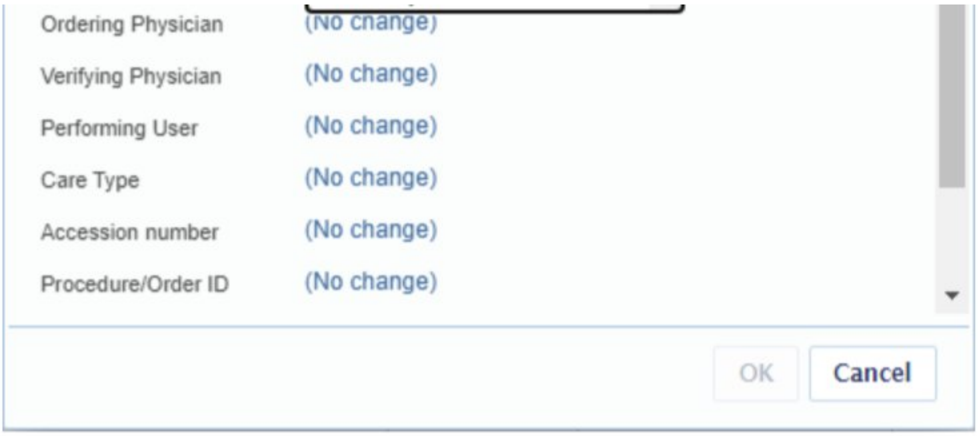
To edit the properties for multiple studies, start from the Studies page.

1. Click the check box next to each study you want to edit.
2. Click the down arrow at the top of the check box column. In the menu that appears, select **Properties**.



The **Study Properties** window opens. It displays only the properties you can change for all selected studies.





3. To change a property, click **No change** and select a different option. If you change the date of service, you can enter a comment to explain the change. If a study's status is Final, you cannot change the Reading Group, Reading User, Referring Group, or Referring User.
4. To apply your selections, click **OK**.

Delete Studies

Delete Studies

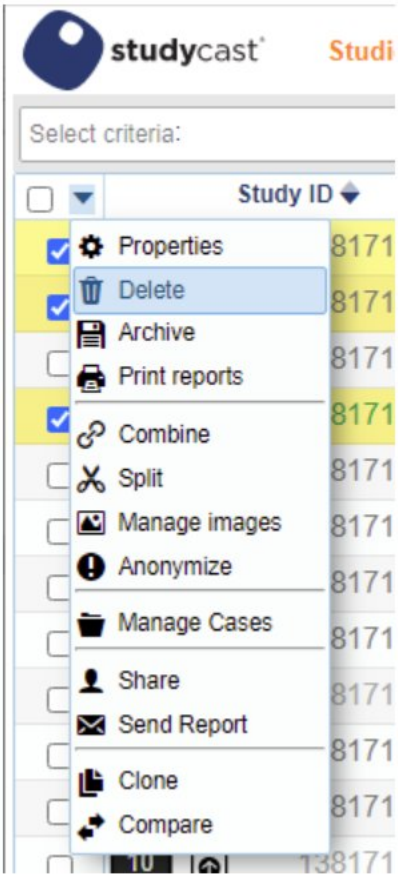
See this article in Studycast Help

If you have the manage study permission, you can delete studies from the Studies page.

> **Note:** Deletion is permanent. Once studies are deleted, they cannot be restored. A study cannot be deleted if it has a clone. The clone must be deleted first.

To delete studies:

1. Check the box next to each study you want to delete.
2. Click the down arrow at the top of the check box column. In the menu that opens, select **Delete**.



The **Delete studies** window opens.

3. Click the **Delete** button and then the **Confirm** button. The studies are permanently deleted.

Archive Studies

To archive studies locally, you can use the Studycast archive feature to create the archive file. To archive studies, start from the Studies page.

Click the check box next to each study you want to archive.

Click the down arrow at the top of the check box column. In the menu that opens, select Archive.

The Archive studies window opens.

Archive Format: You have the option to generate a Zip archive or ISO Image. If you plan to burn the archive to a CD or DVD, choose ISO Image. If you plan to save the archive on a local or network drive, choose Zip archive.

Item Format: You can choose to archive the study in the Original format, Multimedia, or DICOM.

Original: File format that was uploaded - Use when including Studycast image viewer.

Multimedia: Useful for presentations (jpeg/mp4).

DICOM: Medical image format (useful for viewing in DICOM viewer). To see annotations in a non-Studycast viewer, check the Include as permanent burn-in box for Annotations. The archive will include the SR DICOM file if it was uploaded with the study.

Anonymize data: Check the box to anonymize study data.

This option does not affect patient data displayed within study images. To anonymize the study completely, you must mask patient information in the images with annotations first. Be sure the Include as permanent burn-in box is checked.

Include: Choose whether to include the Image Viewer, Study attachments, and/or Study report.

Annotations: If you've made annotations on any of the study's images or loops, you can choose to include the annotations as a separate layer or have them permanently burned into the images and loops. If you include them as a separate layer, they can only be viewed in the Studycast image viewer.

Comment: To add a comment, click the dots and begin typing. This comment can be helpful in identifying the study on the Downloads page when multiple studies are listed.

Click the Archive button to submit the archive request.

Archive Size Limitations

Both ZIP and ISO archive formats have size limitations:

ZIP Max Size = 4 Gigabytes

ISO Max Size = 8.4 Gigabytes

Item format and selected options affect the overall size of your archive.

Original and Multimedia are typically smaller in size because they use the format the image was uploaded to Studycast in. Often this is JPEG for images and MP4 for cine loops.

DICOM images are much larger in size and fewer will fit into a single archive.

If the archive you are trying to create is too large, there are a few things you can try to reduce the size:

Switch to ISO format instead of ZIP

Select fewer studies to include in the archive

Choose Original or Multimedia format instead of DICOM

Exclude the Studycast Image Viewer or Study Attachments

Retrieve Archived Studies

To retrieve your archived studies, click on Downloads in the main menu at the top of the page. The Downloads page indicates the status of each archive request. When the study has been archived, the status will be Completed, and a link will be provided for you to download the study.

Archived studies are available on the Downloads page for one week. The date that each study will be removed from the Downloads page is listed in the Expiration Date column.

The archive will include the SR DICOM file if it was uploaded with the study.

Extract Files from a Zip Archive

If you saved the studies in a Zip archive, you will need to unzip the downloaded file and extract the contents to view the files. To do that:

Open the .zip file.

Click the Extract all files button.

Click the Extract button.

Burn the archive to a CD or DVD

If you chose to archive the studies as an ISO image, place a blank disc in the CD/DVD drive. To burn the disc using Windows Image Burner:

Right click the .iso file and select Burn disc image.

Click the Burn button. The status will indicate when the disc has been burned successfully.

Send Study Report

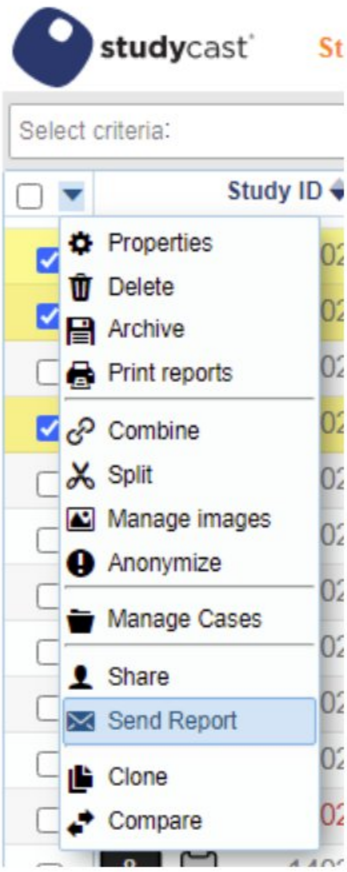
Send Study Report

See this article in Studycast Help

By default, administrative users have access to the Send Study Report feature in the Batch Actions menu.

To send study reports from the Studies page:

1. Click the check box next to each study you want to send to the same recipient(s).
2. Click the down arrow at the top of the check box column. In the Batch Actions menu that opens, select **Send Report**.



3. In the **Send Study Reports** window, enter the recipient's email address or fax number, and click the green plus button. You can enter as many recipients as you want. The subject is optional.

4. Click the **Send** button. You can check the status of the fax on the Notifications Status page.

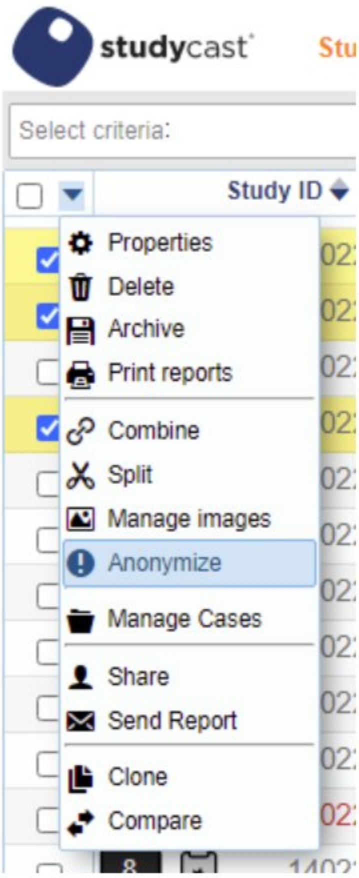
Anonymize Studies

Anonymize Studies

See this article in [Studycast Help]

To create an anonymized copy of a study:

1. Click the check box next to each study you want to anonymize. Note that only DICOM source studies can be anonymized.
2. Click the down arrow at the top of the check box column. In the menu that opens, select **Anonymize**.



3. In the **Anonymize studies** window, click **Anonymize**.

> **Note:** The Anonymize function does not affect patient data displayed within study images. To anonymize the study completely, you must mask patient information in the images with annotations first.

A new anonymized copy of each study will be available from the Studies page. The anonymized copies will not contain SR data, attachments, or study reports. The original studies will also still be available and will not be affected in any way.

Clone a Study

Clone a Study

See this article in Studycast Help

A clone is similar to a copy of a study, with several key differences. When a study is cloned, the clone appears as a separate study on the Studies page with its own worksheet and report, once one is generated, along with the original study's images. When creating a clone, you can choose which study data is included. The clone is not counted toward your monthly study volume total.

Cloned studies can be useful for:

- Peer review
- Quality assurance/quality control programs
- Oversight of residency programs
- Training new technologists on facility protocols and expectations
- Accreditation/re-accreditation

Only users with the **clone study** permission can clone a study. By default, administrative users have this permission.

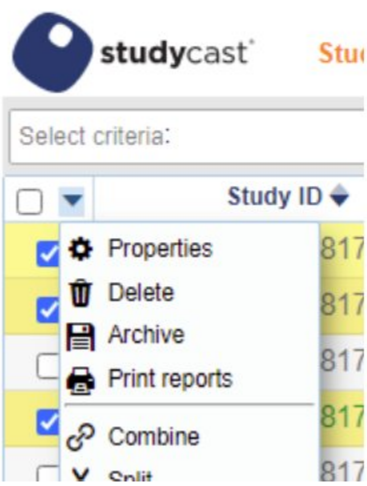
Cloning a study

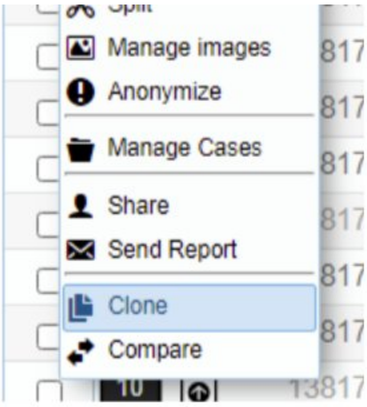
To clone a study:

1. On the Studies page, click the check box next to the study you want to clone.

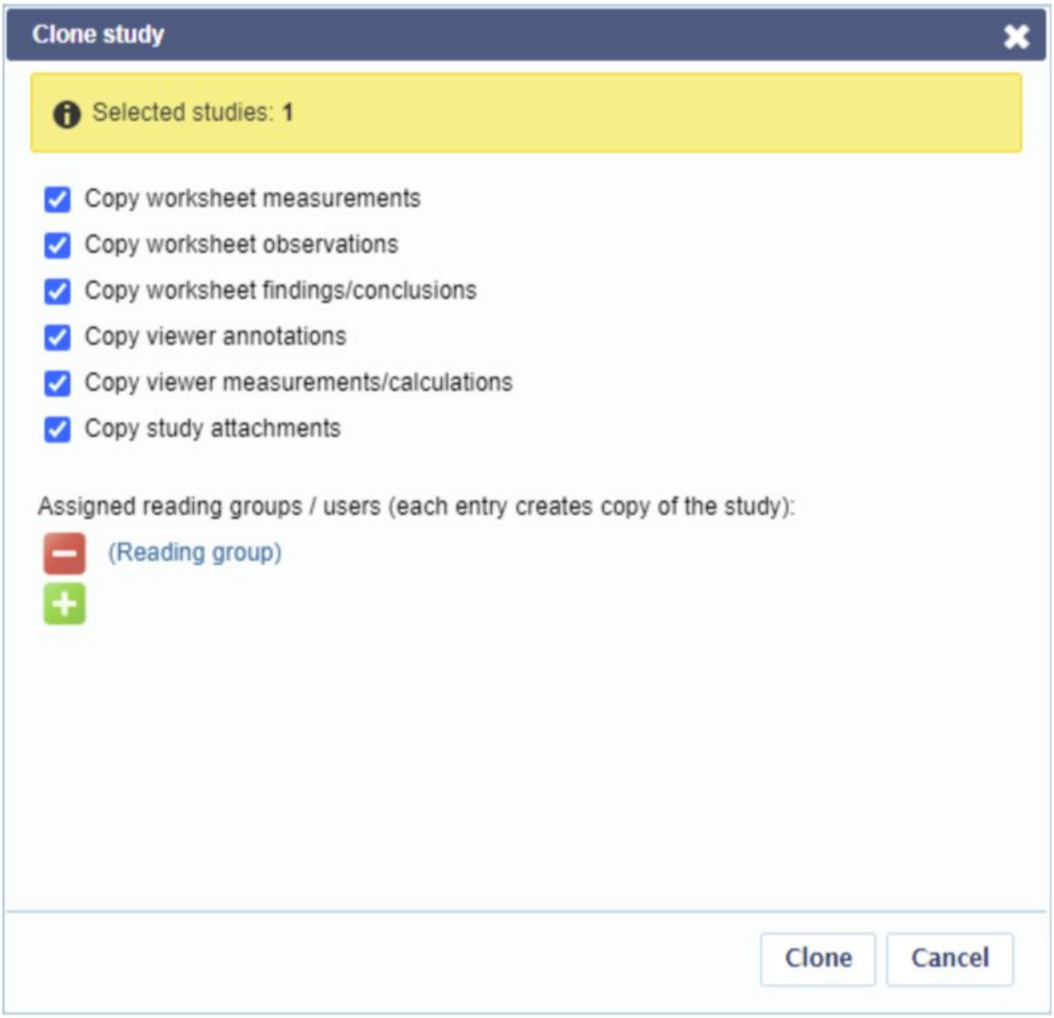
   > **Note:** To clone a study, you must start with an original uploaded study. A clone cannot be cloned.

2. Click the down arrow at the top of the check box column.
3. In the menu that opens, select **Clone**.





4. In the **Clone Study** window, select the items from the original study that you would like to include in the clone.



5. Assign the clone to a reading group and reading user. If you choose multiple reading groups or reading users, a separate clone will be created for each. If the reading group has notifications set up, a notification will be sent for each clone.
6. Click the **Clone** button.

The cloned study is now available on the Studies page and includes only the items you selected, along with the study's images and cine loops. You can view the images and document findings for the clone the same way you would for any other study.

> **Note:** By default, notifications are not sent when a clone's status is set to Final. To enable these notifications for clones, contact Studycast Support.

Searching for Clones on the Studies Page

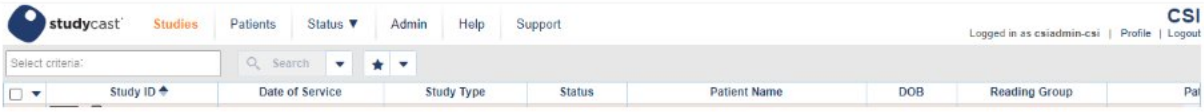
By default, the Studies page displays all studies, including clones. To limit the list of studies:

1. On the left side of the search bar, click **Select Criteria** and select **Clones** from the list.
2. Then, choose an option:
    - **Hide:** Shows all studies that are NOT clones
    - **Show:** Shows ONLY clones
    - **Show + their originals:** Shows clones and the original studies from which they were cloned. Does not show studies that have not been cloned.
3. Click the **Search** button. The Studies page now lists only the studies that meet your search criteria.

Search for Studies

Search for Studies

Using the search bar at the top of the Studies page, you can search for studies that meet criteria you select.



Define a search

1. On the left side of the search bar, click **Select Criteria** and select an item from the list. All columns on the Studies page are available as search criteria.
2. Enter the requested information for the item you selected. Depending on the item, you will see one of the following:
   - **Blank field:** Enter the text you wish to search for.
   - **Drop-down list:** Select the option you wish to search for.
   - **Calendar:** Select the date you wish to search for. If you want to search a range of dates, you will need to select both **Date From** and **Date To** in the search criteria.
3. Select additional search criteria if needed.
4. When you are finished selecting criteria, click the **Search** button. The Studies page now lists only the studies that meet your search criteria.

Clearing Search Criteria

To remove any item from your search criteria, click the **X** next to that item.

To clear all search criteria and return to the complete list of studies, open the drop-down menu on the **Search** button and select **Reset**.

> **Note:** If you do not reset your search, the system continues to apply the selected search criteria each time you view the Studies page. The next time you log in, the Studies page will display only those studies that meet the search criteria.

If there are searches you perform often, it can be helpful to save them as reusable filters. To learn how, see Filter the List.

DICOM Forward

DICOM Forward

See this article in Studycast Help

Forwarding to a Remote Archive

For assistance sending studies to a remote archive such as a PACS or VNA, please contact our Support team. They will need the port, IP, and AE Title of the remote archive that you would like to forward studies to. They will also need the criteria for which studies should forward to the archive.

Note: If you are using a piece of equipment that does not support exporting images in DICOM format, we will not be able to forward the study. This includes MyLab, Sonosite, and Cypress ultrasound equipment.

Automatic Forwarding

Please contact Support to set up CoreGateway TM routing rules for studies that should be automatically forwarded to a DICOM destination upon upload.

Manual Forwarding

To manually forward a study or images from a study after it has been uploaded to Studycast, navigate to the **Studies** page.

1. Click the check box next to each study you want to share.
2. Click the down arrow at the top of the check box column. In the menu that opens, select Forward.
3. In the Forward window, enter the necessary information.
4. **Select items**: Click the button to open the **Select Study Items for Forwarding** window. When the window opens, click the bar for each patient to select items.

   All images are selected by default. Click each image you want to exclude. Excluded images are covered with a large X.

   If you selected multiple studies, click the bar for each study to select items. When you are done selecting images, click **OK**. The **Select Study Items for Forwarding** window closes.
5. In the **Forward** window, click **Forward** to send the message.

DICOM Query Retrieve

DICOM Query Retrieve

See this article in Studycast Help
Studycast supports the ability to view a study from a DICOM destination, such as a PACS or VNA that supports DICOMWeb. To configure DICOM Query Retrieve, contact Studycast Support.

To complete the configuration, support will need the following information:

1. The display name of the remote archive that you would like to display in the viewer
2. The URL root of the remote archive
3. Authentication headers (if applicable to your remote archive)
4. The desired format of image when loading from the remote archive. Options are:
    a. Default – use multimedia format for low-bit depth images, otherwise use DICOM format
    b. Multimedia - Always use multimedia format
    c. DICOM - Always use DICOM format
5. Confirmation if remote archive supports returning H.264 MP4 video
6. Patient information to use when looking up studies in the remote archive. Examples include:
    a. Patient's first name, last name, and date of birth
    b. Patient MRN and date of birth
    c. Patient MRN
7. Which Studycast divisions should be able to access the remote archive

Once configuration for DICOM Query Retrieve is complete, you will see studies from the specified archive in the viewer under **Other Studies**, easily identifiable by the display name of the remote archive that you provided during setup.

Inactive User

A Studycast user with the User Type='Client Administrator', or one with access to the 'Admin' tab can set a user login to 'Active' or 'Inactive. To reactivate a deactivated/inactive user, click the edit icon next to that user on the **Users** page. Then, check the 'Active' box on the General Settings tab, and click **Save**.

Manage Reading Groups

Reading groups can be helpful in managing the assignment of studies to be read. After a reading group is added, studies can be assigned to the group.

To add or edit a reading group:

1. In the main menu, click **Admin**.
2. In the menu on the left, select **Reading groups**.
3. **To add a reading group:** Below the list of groups, click the **Add new Reading Group** button.
   To edit an existing reading group: Find the group in the list and click the edit icon in the ID column.

You will see the same tabs and options whether you are adding or editing a reading group.

General settings tab

In the General settings tab, **Code**, **Name**, and **Name displayed on Final report** are required.

When you create a new group, the **Active** box is checked by default. If the **Active** box is unchecked, studies cannot be assigned to this group. If you wish to deactivate a group, click the box to deselect it and click **Save** at the top of the page. Inactive groups remain available for the Studies page search.

The **Code** field allows a maximum of five alphanumeric characters.

Disable reporting: If this box is checked, study reports are deactivated. Please contact Studycast Support before checking this box.

Notifications tab

The Studycast system can be set up to notify doctors in the group automatically when studies are ready for review or are approved. Notifications can be sent by email, fax, or text message (SMS). To set up notifications, you must contact Studycast Support.

Once notifications are set up, the administrator can add to the list of doctors who receive the notifications.

1. In the text box, enter an email address, phone number, or SMS address, and click **Add**. To look up the correct SMS address format, see SMS Gateways.
2. When you are finished adding numbers and addresses, click **Save** at the top of the page.

To remove an item from the notifications list, click the **X** next to that item.

Logo image tab

Study reports can be customized to include a logo for the reading group. For the reading group's logo to be included, you must also set the study report logo source for the division to **Reading group logo image**. For more information, see Manage Divisions.

To upload an image file for the reading group:

1. Click the **Select and upload new logo** button.
2. Locate and add the image file.

Acceptable file formats

- .jpg/.jpeg
- .gif
- .png

Users tab

Users tab

On this tab you can remove users from the reading group. To remove a user:

1. Uncheck the box next to that user.
2. Click **Save** at the top of the page.

Note: To add a user to a group, you must modify the user. For instructions, see Add Users to a Group.

Expert Mode Search Conventions

'Expert Mode' search allows users while on the Studies and Patients views to type search criteria. It's more flexible than the standard 'Quick Mode' because it offers additional operators, fields, and criteria for filtering data on the Studies and Patients pages. The below article details the types of expert searches that can be performed, field names and their descriptions, search operators, any criteria, and examples of syntax.

> 'Expert Mode' searches can also be saved as filter favorites using the 'star' icon.

Search By Study Date

When searching for a study by date, the format of the search string follows the standard FIELD OPERATOR CRITERIA format.

Study Date Fields

dt: date study performed
cdt, createdt: date study created in CoreWeb
mdt, moddt: date study last modified in CoreWeb
pdt, preliminarydt: date study marked as preliminary in CoreWeb
rdt, revieweddt: date study marked as reviewed in CoreWeb
fdt, finaldt: date study marked as final (approved) in CoreWeb

Study Date Operators

=, is: on the date
<, before: before the date
>, after: after the date

Study Date Criteria

YYYY-MM-DD: where YYYY is 4 digit year, MM is 1-2 digit month, and DD is 1-2 digit day.
now, today: current day
yest, yesterday: previous day
eolm: last day of the previous month
eoly: last day of the previous year
boy: first day of this year

Examples

dt < 2012-01-01 # studies performed before Jan 1st 2012
cdt = 2012-01-01 # studies created in CoreWeb on Jan 1st 2012
fdt > 2012-01-01 # studies marked final after Jan 1st 2012
dt > eolm # studies performed in the current month
dt > eoly # studies performed in the current year

Search By Study Date Range

Study Date Fields

dt: date study performed
cdt, createdt: date study created in CoreWeb
mdt, moddt: date study last modified in CoreWeb

mdt, moddt: date study last modified in CoreWeb
pdt, preliminarydt: date study marked as preliminary in CoreWeb
rdt, revieweddt: date study marked as reviewed in CoreWeb
fdt, finaldt: date study marked as final (approved) in CoreWeb

Date Range Criteria

YYYY-MM-DD: where YYYY is 4 digit year, MM is 1-2 digit month, and DD is 1-2 digit day.
YYYY-MM-DD: where YYYY is 4 digit year, MM is 1-2 digit month, and DD is 1-2 digit day.
now, today: current day
yest, yesterday: previous day
back: back (0-9)
since: sicnce (0-9) days ago

Examples

dob today yesterday #studies whose patients have birthdays between today and yesterday

Search by ID

Study ID Field

id: CoreWeb study id

Study ID Operators

=, is: is equal to
!=, is not: is not equal to
<, before: less than
>, after, since: greater than

Study ID Criteria

integer value

Examples

id=1 # the study with id 1
id before 9 # studys with ids less than 9 ie. studys 1-8

Search by Study Status

Status Fields

stat, status: study status

Status Field Operators

=, is: is equal to
!=, is not: is not equal to
<, before: less than
>, after, since: greater than

Status Field Criteria

upl, upload, uploading: uploading status
new: new status
pre, prelim, preliminary: preliminary status
rev, review, reviewed: reviewed status

rev, review, reviewed: reviewed status
fin, final: final status

Examples

stat = upl or stat = new # studies with new or uploading status

Search by Size

Size Fields

cnt, sicnt:
kb, totalkb: (searches for totalkb studies)

Size Operators

=, is: is equal to
!=, is not: is not equal to
<, before: less than
>, after, since: greater than

Size Criteria

integer value

Examples

kb != 7 #kb studies without id 7

Search by Patient DOB

Patient DOB Fields

dob # patient's date of birth

Patient DOB Operators

=, is: on the date
<, before: before the date
>, after: after the date

Patient DOB Criteria

YYYY-MM-DD: where YYYY is 4 digit year, MM is 1-2 digit month, and DD is 1-2 digit day.
now, today: current day
yest, yesterday: previous day
eolm: last day of the previous month
eoly: last day of the previous year
boy: first day of this year

Examples

dob > eoly # patients/studies with DOb this year

Search By Patient Dob Range

Dob Range Field

dob: patient's date of birth

Dob Operator

YYYY-MM-DD: where YYYY is 4 digit year, MM is 1-2 digit month, and DD is 1-2 digit day.
now, today: current day
yest, yesterday: previous day
back: back (0-9)
since: sicnce (0-9) days ago

Dob Range Criteria

YYYY-MM-DD: where YYYY is 4 digit year, MM is 1-2 digit month, and DD is 1-2 digit day.
now, today: current day
yest, yesterday: previous day
back: back (0-9)
since: sicnce (0-9) days ago

Examples

dob today yesterday   #studies whose patients have birthdays between today and yesterday

Search by Patient Name or MRN

Patient Name/MRN Fields

mrn: patient MRN
mrn_alt: patient alternate MRN
last, lastname: patient last name
first, firstname: patient first name
middle, middlename patient middle name

Patient Name/MRN Operators

like,begins,starts,startswith,starts with: field starts with
cont,contains: field contains
ends,endswith,ends with: field ends with
=,is: field equals

Patient Name/MRN Criteria

any series of letters and numbers

Search by Other Study fields

Other Study Fields

ct,care, ctype, caretype: study care type
appr,approv,approved,approvedby,approved_by: study approved by
puser,performing,performinguser,performing_user: study performing user
type,stype,studytype,study_type: study type
rfg,refer,referring,referringgroup,referring_group: study referring group
rdg,read,reading,readinggroup,reading_group: study reading group
loc,location: study location field
uid: study uid field
ccid, sender: study sender
div,divcode,division: study division

Other Study Fields Operators

like,begins,starts,startswith,starts with:	field starts with
cont,contains:	field contains
ends,endswith,ends with:	field ends with
=,is:	field equals

Other Study Fields Criteria

any series of letters and numbers

Reading Physicians

Exported: 5/15/2026

53 articles

Table of Contents

Arterial LE

Calculated Fields

In the Arterial LE worksheet, the following fields are calculated automatically. These calculated values automatically update when any of the source values are changed.

Field	Source Values	Calculation Logic
Arterial Ratio	Arterial PSV values	PSV ÷ PSV of Proximal segment
Graft Ratio	Graft PSV Values within same graft	PSV ÷ PSV of Proximal segment
Stent Ratio	Stent PSV Values within same stent	PSV ÷ PSV of Proximal segment
Atherectomy Ratio	Atherectomy PSV Values within same Atherectomy	PSV ÷ PSV of Proximal segment
Balloon Angioplasty Ratio	Balloon Angioplasty PSV Values within same Balloon Angioplasty	PSV ÷ PSV of Proximal segment

The Arterial LE and Abdominal Aorta worksheets in Studycast enable users to quickly document velocities proximal and distal to stenosis with the click of a button.

Adding Pre and Post Stenosis Velocities

The study types with support for this feature each have a **+ Stenosis** button, located in the top left of the measurements and observations section of the worksheet.

To document pre and post stenosis velocities:

1. Click the **+ Stenosis** button.
2. Once clicked, you will be prompted to select the vessel or vessels in which the stenosis occurs. Select the appropriate vessel(s) and click **Submit**.
3. You will now see proximal and distal fields (**Prox to Sten** and **Dist to Sten**) above and below the vessel(s) which contain the stenosis. Use these fields to document the velocities and distance from stenosis, as well as the ratio, if desired.

Not Visualized Vessels

Not Visualized Vessels

The Venous LE, Arterial LE, and Abdominal Aorta worksheets provide users with an easy method to mark vessels as “not visualized”. This functionality can be used to indicate that a vessel was looked for but was not visualized.

Note: “Not visualized” should not be used in the same capacity as an “inconclusive” result. Please use the observations dropdown fields to mark vessels “inconclusive”.

To use this feature, navigate to any of the supported worksheets and find the eye icon, which is located to the right of the vessel label.

This icon toggles between two states, which are shown in the table below.

Icon	State	Description
	inactive	When the icon is inactive, it has no impact whatsoever on your worksheet or report. This is the state you will see by default in the worksheet.
	active	When the icon is active, it indicates that the vessel was looked for, but was not visualized. It will lock the row of observations for the designated vessel, and will be reflected in the Findings statements, as well as the study report.

The eye icon will default to an inactive state.

Marking a vessel as “not visualized”:

Click on the inactive eye icon. The icon will now be in an active state. This will clear and lock the entire row of observations (dropdowns) for the vessel.

To see this reflected in your **Findings** statements, click **Generate All Findings**. The statements will now reflect that the vessel was not visualized.

In the study report, vessels marked “not visualized” will now appear in the observations and measurements table as **N.V.** or **Not visualized**.

To remove a vessel’s status of “not visualized”:

Click on the active eye icon. It will now be in an inactive state, and the row of observations will no longer be locked.

To see this reflected in your **Findings** statements, click **Generate All Findings**. The statements will no longer reflect that the vessel was marked “not visualized”.

Cardiac MRI

Calculated Fields

In the Cardiac MRI worksheet, the following fields are calculated automatically. These calculated values automatically update when any of the source values are changed.

Field	Source Values	Calculation Logic
Max APHR	Age	(220 – Age)
90% of Max APHR (Target)	Max APHR	(Max APHR * 0.9)
% of Max	Max APHR Max Achieved	(Max Achieved ÷ Max APHR) * 100
% of Target APHR	90% of Max APHR Max Achieved	(Max Achieved ÷ 90% of Max APHR) * 100
Duke Treadmill Score	Duration (min:sec) from Exercise section Max ST Deviation Angina Scale (0, 1, or 2)	Duration – (5 * Max St Deviation) – (4 * Angina Scale)
METs	Last grade and speed with a BP or HR entry	(HC + VC + 3.5) ÷ 3.5 HC = (Speed * 26.8 * 0.1) VC = [Speed * 26.8 * 1.8 * (Grade ÷ 100)] **Note**: METs will only be calculated for the following test types: Exercise Treadmill, Adenosine with Treadmill, or Regadenoson with Treadmill. The calculation will use the HR and BP from the last stage in which all values are documented.
Double Product	Heart Rate (HR) Systolic Blood	HR * SBP

	Pressure (SBP) from last stage with both entered (not Rest)	

CIMT

Calculating Vascular Age

The CIMT worksheet automatically calculates the patient's vascular age based on "Use of Carotid Ultrasound to Identify Subclinical Vascular Disease and Evaluate Cardiovascular Disease Risk: A Consensus Statement from the American Society of Echocardiography Carotid Intima-Media Thickness Task Force, Endorsed by the Society for Vascular Medicine." (James H. Stein, MD, FASE, et al, 2008)

For the vascular age to be calculated, the following fields must be populated:

- Patient's age
- Patient's gender
- Patient's race
- Mean or Max CIMT for the left distal CCA (dependent on applicable study data set)
- Mean or Max CIMT for the right distal CCA (dependent on applicable study data set)

If the patient's demographics fall within the ranges for any of the studies listed below, and the patient's relevant CIMT falls within the study's data set, the vascular age is calculated.

Race	Age	Study Data Set Used to Calculate Vascular Age
Black White	>=25 and <=40	Bogalusa
	>40 and <45	AXA
	>=45 and <=65	ARIC
	>65 and <=84	MEDA
	>84 and <=110	CHS
Asian Hispanic or Latino	>=45 and <=84	MESA
Independent of race, if none of the above conditions is met	>=30 and <=65	AXA
	>65 and <=110	CHS

If the patient does not meet any of these criteria, the vascular age is not calculated.

If a patient meets the criteria for more than one study, the more reliable study is used. For example, for a 45-year-old white male, both the ARIC study and AXA study could be used. However, the ARIC study was found to be more reliable. Therefore, in this case, the ARIC study is used to calculate the patient's vascular age.

Vascular age is calculated based on the higher of the left and right distal CCA percentile. When ARIC, MESA, and AXA are used, the vascular age is based on the **mean** CCA distal value. When Bogalusa and CHS are used, the vascular age is based on the **max** CCA distal value. The average of the mean or max CCA distal right and left values is never used because it could inaccurately indicate a lower risk.

Some study data sets provide values only for specific ages. When these studies are used, if the patient's relevant CIMT value falls between the 50th percentile values for two adjacent ages, the vascular age is calculated based on where it falls in the range between the two 50th percentile values.

For cases in which the study data set provides values for age ranges, if the relevant CIMT value falls on the 50th percentile for an age range, the mean age for that range is selected as the vascular age. If the relevant CIMT falls between the 50th percentile values for two adjacent age ranges, the vascular age will be either the upper bound of the lower age range or the lower bound of the higher age range, depending on which is closer to the mean CIMT value.

Echo

Calculated Fields

In the Echo worksheet, the following fields are calculated automatically. These calculated values automatically update when any of the source values are changed. For values that can be calculated using multiple methods, the Priority column indicates the order in which those methods are applied.

Field	Source Values	Priority	Calculation Logic
AV Index	LVOT Pk Vel AV Pk Vel		LVOT Pk Vel ÷ AV Pk Vel
AVA (Vmax)	LVOT Diam LVOT Pk Vel AV Pk Vel		[Pi × (LVOT Diam ÷ 2)2 × LVOT Pk Vel] ÷ AV Pk Vel
AVA (VTI)	LVOT Diam LVOT VTI AV VTI		[Pi × (LVOT Diam ÷ 2)2 × LVOT VTI] ÷ AV VTI **Note:** All units measured in cm.
EF	EDV ESV	LVEDV (BIPLANE) & LVESV (BIPLANE) LVEDV & LVESV LVIDd & LVIDs LVIDd (Mm) & LVIDs (Mm)	[(EDV-ESV) ÷ EDV] × 100 **Note:** For the last two priority sets, dimensions are converted to volume, as follows: EDV = [7 ÷ (2.4 + LVIDd)] × LVIDd_3 ESV = [7 ÷ (2.4 + LVIDs)] × LVIDs
LA / Ao	LA AoD	2D M-mode	LA ÷ AoD
Lateral E/e'	MV Pk E Vel Lateral e'		MV Pk E Vel ÷ Lateral e'

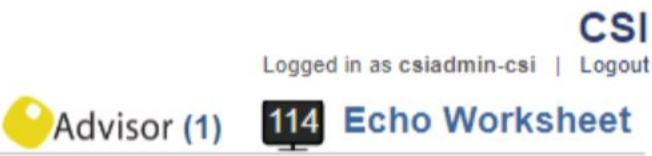
LV FS (mid-wall)	LVIDd LVIDs	2D M-mode	[(LVIDd - LVIDs) ÷ LVIDd] × 100
LV Mass	LVIDd LVPWd IVSd	M-mode 2D	[0.8 × (1.04 × [(LVIDd + LVPWd + IVSd)3 - LVIDd3])] + 0.6
LV Mass (AL)	LV Area Endo D LV Area Epi D LV Length D		1.05 × [5/6(LV Area Epi D × LengthEpi) - (LV Area Endo D × LV Length D)] LengthEpi = LV Area Epi D × [LV Length D + √(LV Area Epi D ÷ Pi) - √(LV Area Endo D ÷ Pi)]
LVCI	LVCO BSA		LVCO ÷ BSA
LVCO	Heart rate LVSV		(LVSV × Heart rate) ÷ 1000
LVOT CO	LVOT SV Heart rate		(LVOT SV × Heart rate) ÷ 1000
LVOT SV	LVOT VTI LVOT Diam		Pi × (LVOT Diam ÷ 2)2 × (LVOT VTI)
LVRWT	LVPWd LVIDd	2D M-mode	(2 × LVPWd) ÷ LVIDd
LVSV	LVEDV LVESV	2D M-mode	LVEDV (BIPLANE) - LVESV (BIPLANE) OR LVEDV - LVESV
MV E/A Ratio	MV Pk A Vel MV Pk E Vel		MV Pk E Vel ÷ MV Pk A Vel

MV E/e'	MV Pk E Vel Lateral e' Septal e'		(2 × MV Pk E Vel) ÷ (Septal e' + Lateral e')
MVA	MV PHT		220 ÷ MV PHT
RV FAC	RV Area ED RV Area ES		100 × (RV Area ED - RV Area ES) ÷ RV Area ED
RVSP	TR Pk Vel RAP		4(V)2 + RAP V= TR Pk Vel in units m/s
Septal E/e'	MV Pk E Vel Septal e'		(MV Pk E Vel) ÷ Septal e'

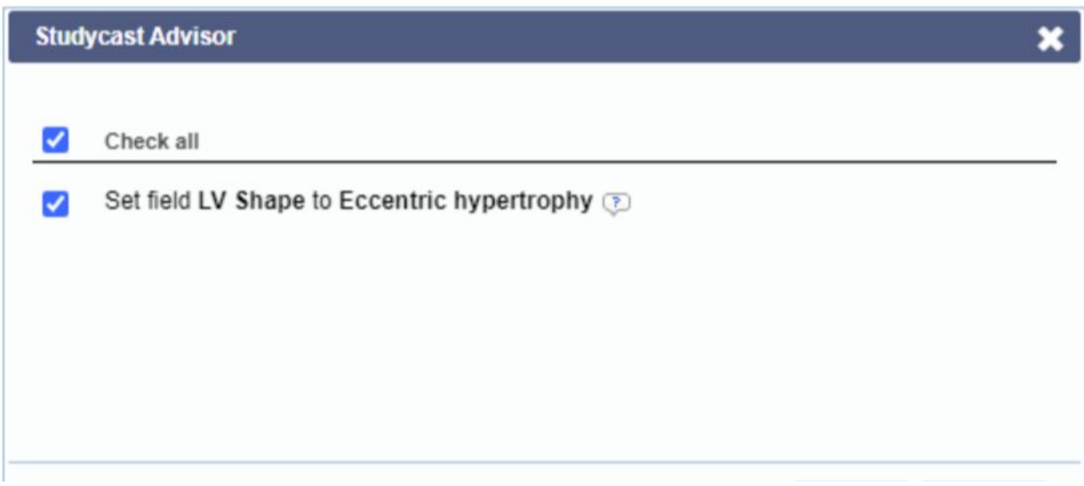
Studycast Advisor for Echo

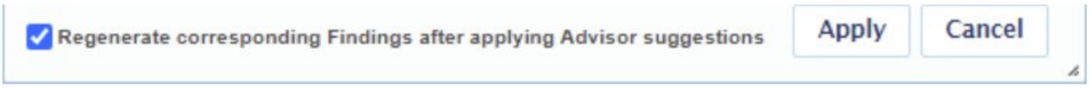
In the Echo worksheet, the Studycast Advisor provides helpful recommendations for setting observations when key measurements fall outside the acceptable ranges defined by published criteria.

When the Advisor has recommendations, the indicator in the top right corner is illuminated and the number of recommendations is displayed.



To view the recommendations, click the **Advisor** indicator.



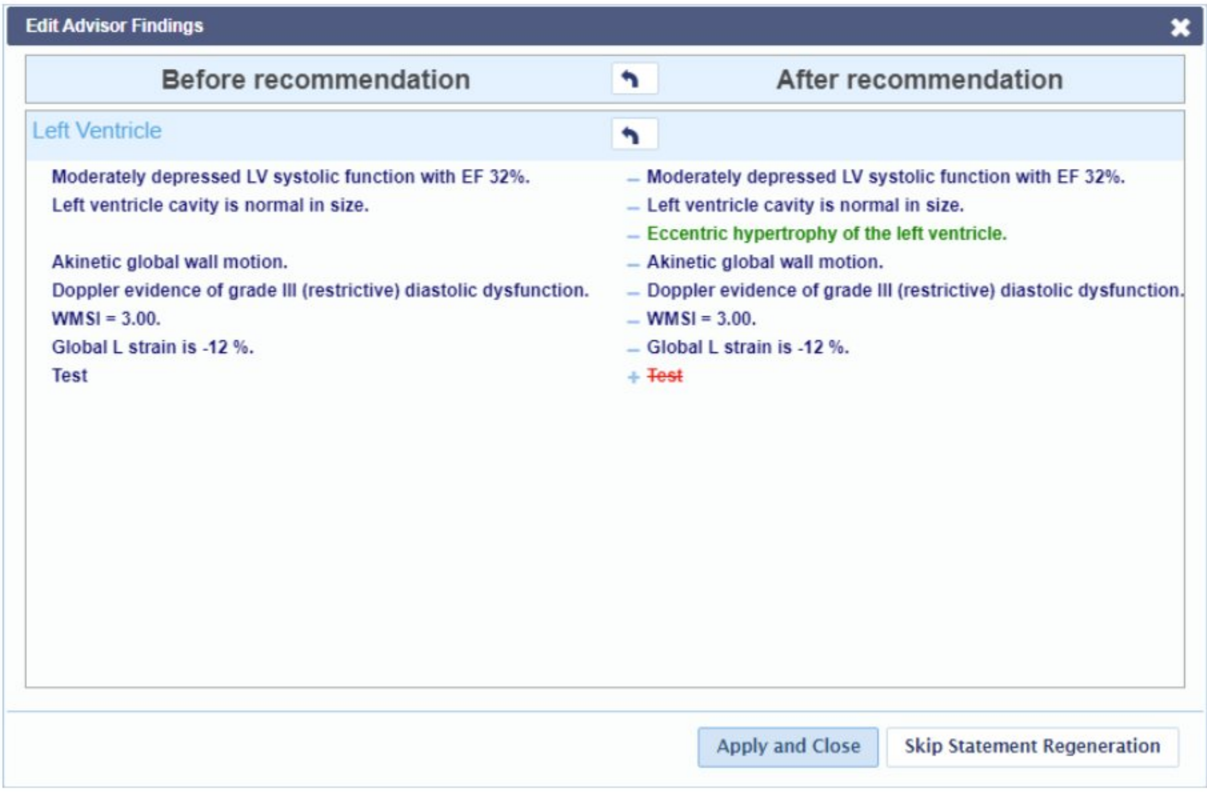


In the **Studycast Advisor** window, all recommendations are selected by default. Uncheck the box for any recommendation you do not want to apply.

> For information about the published guidelines used for a recommendation, roll the cursor over the question mark icon.

When you click **Apply**, the relevant worksheet observations are updated based on the selected recommendations.

If, prior to opening Studycast Advisor, free text findings have been added in the relevant findings section, the **Edit Advisor Findings** window will open. This window allows you to edit individual findings statements impacted by the Advisor recommendations.



The **After recommendation** column shows how findings will appear if you choose to apply the recommendations.

- Statements that appear in **red** will be removed if the recommendations are applied.
- Statements appearing in **blue** will not be impacted by the recommendations, and will remain the same after the recommendations are applied.
- Statements appearing in **green** will be the new statements added based on the recommendations, if you choose to apply them.

To prevent an individual findings statement from being replaced, click the plus sign (**+**) next to the statement. The statement changes from red to blue.

> If you click the plus (**+**) and wish to revert back to the original recommended state, click the **undo** button.

To regenerate all findings based on the Advisor recommendations, click **Apply and Close**.

If you do not want the findings to be regenerated based on the Advisor recommendations, click **Skip Statement Regeneration**.

Pediatric Z-Scores

In the Echo worksheet, the Pediatric protocol includes z-scores, which are calculated automatically. These values update automatically when the source values are changed.

> **Note:** Some of the fields in the table below can be configured to use an alternate source. If you would like to personalize your worksheet configuration, contact Studycast support.

Field	Tab	Default Source	Other Source Available
LA (Mm) Z-Score	Atria	M-mode Z-Scores (C Kampmann, C Wiethoff, A Wenzel, et. al.)	None
LAs (A4C) Z-Score	Atria	Boston **Group:** Left Atrium **Regression:** 2D LA Apical 4ch Long Axis Dimension vs BSA	Boston **Group:** Left Atrium **Regression:** 2D LA Apical 4ch Transverse Dimension vs BSA
LAs (A2C) Z-Score	Atria	Boston **Group:** Left Atrium **Regression:** 2D LA Apical 2ch Long Axis Dimension vs BSA	Boston **Group:** Left Atrium **Regression:** 2D LA Apical 2ch Anterior Posterior Dimension vs BSA
		Boston	

LV Mass (Mm) Z-Score	Vents	Boston **Group:** M-mode LV dimensions **Regression:** MM LV Mass (Devereux) vs BSA	None
IVSd Z-Score	Vents	Boston **Group:** 2D LV dimensions **Regression:** 2D LV End-diastolic Septal Thickness vs BSA	None
IVSd (Mm) Z-Score	Vents	Boston **Group:** M-mode LV dimensions **Regression:** MM LV End-diastolic Septal Thickness vs BSA	M-mode Z-Scores (C Kampmann, C Wiethoff, A Wenzel, et. al.)
LVPWd Z-Score	Vents	Boston **Group:** 2D LV dimensions **Regression:** 2D LV End-diastolic Free Wall Thickness vs BSA	None
LVPWd (Mm) Z-Score	Vents	Boston **Group:** M-mode LV dimensions **Regression:** MM LV End-diastolic Free Wall Thickness vs BSA	M-mode Z-Scores (C Kampmann, C Wiethoff, A Wenzel, et. al.)
LVIDd Z-Score	Vents	Boston **Group:** 2D LV dimensions **Regression:** 2D LV End-diastolic Dimension vs BSA	None
		Boston **Group:** M-mode LV	M-mode Z-Scores

LVIDd (Mm) Z-Score	Vents	dimensions **Regression:** MM LV End-diastolic Dimension vs BSA	(C Kampmann, C Wiethoff, A Wenzel, et. al.)
LVIDs Z-Score	Vents	Boston **Group:** 2D LV dimensions **Regression:** 2D LV End-systolic Dimension vs BSA	None
LVIDs (Mm) Z-Score	Vents	Boston **Group:** M-mode LV dimensions **Regression:** MM LV End-systolic Dimension vs BSA	M-mode Z-Scores (C Kampmann, C Wiethoff, A Wenzel, et. al.)
RVIDd (Mm) Z-Score	Vents	M-mode Z-Scores (C Kampmann, C Wiethoff, A Wenzel, et. al.)	None
AoD Annulus Z-Score	Grt Ves	Boston **Group:** Aorta **Regression:** Aortic annulus diameter vs BSA	Aortic Root Z-Scores (Colan SD, McElhinney DB, Crawford EC, et. al.)
AoD SOV Z-Score	Grt Ves	Aortic Root Z-Scores (Colan SD, McElhinney DB, Crawford EC, et. al.)	None
AoD ST Junction Z-Score	Grt Ves	Boston **Group:** Aorta **Regression:** Aortic sinotubular junction vs BSA	None
AoD Ascending (Prox) Z-Score	Grt Ves	Boston **Group:** Aorta **Regression:** Ascending aorta diameter vs BSA	None

AoD Descending Z-Score	Grt Ves	Cardiac Structure Z-Scores (M Pettersen, W Du, M Skeens, et. al.)	None
Dist AoD Arch Z-Score	Grt Ves	Boston **Group:** Aorta **Regression:** Distal transverse aortic arch diameter vs BSA	None
PA Diameter Z-Score	Grt Ves	Boston **Group:** Pulmonary valve and arteries **Regression:** Main pulmonary artery diameter vs BSA	None
RPA Diameter Z-Score	Grt Ves	Boston **Group:** Pulmonary valve and arteries **Regression:** Right pulmonary artery diameter vs BSA	None
LPA Diameter Z-Score	Grt Ves	Boston **Group:** Pulmonary valve and arteries **Regression:** Left pulmonary artery diameter vs BSA	None
AoD Isthmus Z-Score	Grt Ves	Boston **Group:** Aorta **Regression:** Aortic Isthmus Diameter vs BSA	None
LMCA Z-Score	Cor Art	Boston **Group:** Coronary Artery **Regression:** Left main coronary diameter vs BSA	None

LAD Z-Score	Cor Art	Boston **Group:** Coronary Artery **Regression:** Proximal left anterior descending diameter vs BSA	None
RCA Z-Score	Cor Art	Boston **Group:** Coronary Artery **Regression:** Proximal right coronary diameter vs BSA	None
Cx Z-Score	Cor Art	Coronary Artery Z-Scores (Dallaire F, Dahdah N.)	None
TV Annulus Z-Score	AV Valve	Boston **Group:** Tricuspid Valve **Regression:** Tricuspid annulus diameter (4 chamber) vs BSA	Boston **Group:** Tricuspid Valve **Regression:** Tricuspid annulus diameter (2 chamber) vs BSA
MV Annulus Z-Score	AV Valve	Boston **Group:** Mitral Valve **Regression:** Mitral annulus diameter (4 chamber) vs BSA	Boston **Group:** Mitral Valve **Regression:** Mitral annulus diameter (2 chamber) vs BSA
PV Annulus Z-Score	SL Valves	Boston **Group:** Pulmonary Valve and Arteries **Regression:** Pulmonary annulus diameter vs BSA	None

ETT

Calculated Fields

In the ETT worksheet, the following fields are calculated automatically. These calculated values automatically update when any of the source values are changed.

Field	Source Values	Calculation Logic
Max APHR	Patient Age	220 - Patient Age
90% of Max APHR (Target) (or custom value instead of 90)	Max APHR	Max APHR × 0.9 **Note:** This calculation can be configured to use a custom value instead of 0.9.
% of Max APHR	Max APHR Max Achieved	(Max Achieved ÷ Max APHR) × 100
Duke Treadmill Score	Duration (min:sec) from Exercise section, Max ST Deviation, Angina Scale (0, 1, or 2)	Duration - (5 × Max ST Deviation) - (4 × Angina Scale)
METs	last Grade and Speed with a BP or HR entry	(hc + vc + 3.5) ÷ 3.5 hc = (speed × 26.8 × 0.1) vc = [speed × 26.8 × 1.8 × (grade ÷ 100)] **Note:** The calculation will use the HR and BP from the last stage in which all values are documented.
Double Product	Heart Rate (HR), Systolic Blood Pressure (SBP) from last stage	(HR) × (SBP)

	with both entered (not Rest)	

Supported Measurements by Import Type

Studycast supports importing measurements to ETT studies using XML files. The table below shows which measurements Studycast can import.

Measurement	GE Case	Hillrom Q-stress
Rest BP Systolic	X	X
Rest BP Diastolic	X	X
Resting Heart Rate	X	
Angina Scale	X	
Max ST Deviation	X	
Stages 1-6 Systolic		X
Stages 1-6 BP Diastolic		X
Stages 1-6 Heart Rate		X
Post Imm. - 5 minute Systolic		X
Post Imm. - 5 minute Diastolic		X
Post Imm. - 5 minute Heart Rate		X

Nuclear Cardiac

Calculated Fields

In the Nuclear Cardiac worksheet, the following fields are calculated automatically. These calculated values automatically update when any of the source values are changed.

Field	Source Values	Calculation Logic
Max APHR	Patient Age	220 - Patient Age
90% of Max APHR (Target) (or custom value instead of 90)	Max APHR	Max APHR × 0.9 **Note:** This calculation can be configured to use a custom value instead of 0.9.
% of Max APHR	Max APHR Max Achieved	(Max Achieved ÷ Max APHR) × 100
Duke Treadmill Score	Duration (min:sec) from Exercise section, Max ST Deviation, Angina Scale (0, 1, or 2)	Duration - (5 × Max ST Deviation) - (4 × Angina Scale)
METs	last Grade and Speed with a BP or HR entry	(hc + vc + 3.5) ÷ 3.5 hc = (speed × 26.8 × 0.1) vc = [speed × 26.8 × 1.8 × (grade ÷ 100)] **Note:** METs will only be calculated for the following test types: Exercise Treadmill, Adenosine with Treadmill, or Regadenoson with Treadmill. The calculation will use the HR and BP from the last stage in which all values are documented

		documented.
Double Product	Heart Rate (HR), Systolic Blood Pressure (SBP) from last stage with both entered (not Rest)	(HR) × (SBP)

Supported Measurements by Import Type

Studycast supports importing measurements to nuclear cardiac studies using XML files from nuclear post-processing software. Not all files have the same information. The table below shows which measurements each nuclear post-processing software shares.

Note: Studycast can automatically populate study data from Syntermed nuclear post-processing software.

Measurement	4DM	Cedars-Sinai	GE Case	Hillrom Q-stress	Syntermed
LCM Calcium Score	X				
RCA Calcium Score	X				
LAD Calcium Score	X				
LCX Calcium Score	X				
LV EF Rest Meas	X	X			X
LV EF Stress Meas	X	X			X
LV Rest Volume	X	X			
LV Stress Volume	X	X			
Rest MBF Values	X				
Stress MBF Values	X				
Patient Position	X	X			
Rest Dose	X				X

Stress Dose	X				X
Rest Radiopharmaceutical	X	X			
Stress Radiopharmaceutical	X	X			
Rest Injection Date/Time	X				
Rest Image Acquisition Date/Time	X				
Stress Injection Date/Time	X				
Stress Image Acquisition Date/Time	X				
Rest BP Systolic			X	X	
Rest BP Diastolic			X	X	
Resting Heart Rate			X		
Angina Scale			X		
Max ST Deviation			X		
DLP		X			
CTDI		X			
iDiagram – Stress Perfusion Diagram (17 segments)	X				X
iDiagram – Rest Perfusion Diagram (17 segments)	X				X
Stages 1-6 Systolic				X	
Stages 1-6 BP Diastolic				X	
Stages 1-6 Heart Rate				X	

Post Imm. - 5 minute Systolic				**X**	
Post Imm. - 5 minute Diastolic				**X**	
Post Imm. - 5 minute Heart Rate				**X**	

Obstetric

EDD Calculations

Obstetric Worksheet GA Tab

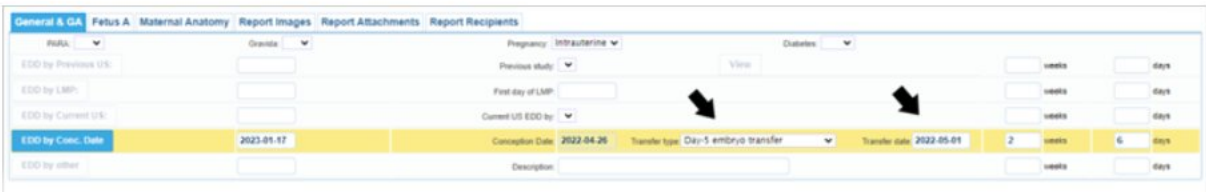
The Obstetric worksheet GA tab contains dates of previous ultrasound, last menstrual period (LMP), current ultrasound, and conception date. Estimated date of delivery (EDD) is calculated based on these values.

The highlighted EDD is considered the ‘best assessment’ by the user to calculate the EDD and fetal age most accurately. The EDD best assessment defaults is “EDD by LMP” but users can select a different EDD by clicking on the preferred EDD. Selection of a different EDD impacts the fetal biometry percentile calculations. Percentile calculations are based on the GA indicated by the Best Assessment.

EDD by Transfer type:

Studycast provides users with ability to document and auto-calculate Conception Date and EDD by Conception Date based on IVF and FET pregnancies.

Select from the transfer type dropdown the appropriate transfer type and enter transfer date using the pop-up calendar. Studycast automatically populates the Conception Date and EDD by Conception Date based upon the entries.



To reset the transfer type simply select “BLANK” in the transfer type dropdown. Note: User must enter both transfer type and transfer date for calculations to be performed.

EDD Transfer calculations:

- IVF with own eggs "EDD by Conception date" = Transfer date + 266 days (or 38 weeks)
- IVF with fresh donor eggs cycle "EDD by Conception date" = Transfer date + 266 days (or 38 weeks)
- Day-3 embryo transfer "EDD by Conception date" = Transfer date + 266 days (or 38 weeks) – 3 days
- Day-5 embryo transfer "EDD by Conception date" = Transfer date + 266 days (or 38 weeks) – 5 days
- Fresh donor embryos cycle "EDD by Conception date" = Transfer date + 266 days (or 38 weeks)

Obstetric References

In the Studycast system, Obstetric and Fetal Echo studies include references, which can be used to calculate values based on a selection of reference criteria.

Types of References

Each Obstetric reference in Studycast falls into one of the following categories:

- GA models
- Percentile models
- EFW models

GA Models

GA models are used to determine the estimated gestational age of the fetus and can be found in the **General & GA** and **Fetus** tabs of the worksheet.

Percentile Models

Percentile models are used to estimate the percentile of a measurement based on the gestational age.

EFW Models

EFW models are used to estimate fetal weight based on a combination of biometry measurements.

Applying References

References appear in select lists within the worksheet when the criteria they depend on is present.

For example, the GA by BPD, HC, AC, FL Hadlock 84 reference is available when the BPD, HC, AC, and FL contain values within the ranges defined by that model. If values are entered within these ranges, the reference will be available to calculate the gestational age and assign an EDD based on that gestational age:

If the measurements are modified to be outside of that range (for example, changing the FL to 8), the reference will no longer be available in the select list.

Studycast Advisor for Obstetric

In the Obstetric, Fetal Echo, and Fetal Non-Stress Test worksheets, the Studycast Advisor provides helpful recommendations if the study that you are working on should be added to a case, or used to create a new case. In Studycast, using a case allows you to group studies when the belong to a single pregnancy.

There are several benefits to creating cases. Creating a case will:

1. populate the EDD from the previous Obstetric study in the pregnancy
2. Plot the EFW and other relevant values from previous studies in a case
3. Enable in-worksheet access to the Compare function for studies in a case

When the Advisor has a recommendation, the indicator in the top right corner is illuminated and the number of recommendations is displayed.

To view the recommendations, click the **Advisor** indicator.

A **Studycast Advisor** window opens.

To accept the recommendation and add the study to a case or create a new case, select the appropriate recommendation, and click **Apply**.

If you do not want to add the study to a case or create a new case, select **Cancel**. The study will not be added.

Renal Artery

Calculated Fields

In the Renal Artery worksheet, the following fields are calculated automatically. These calculated values automatically update when any of the source values are changed.

Field	Source Values	Calculation Logic
Resistivity Index	Cortex PSV Mean, Cortex EDV Mean	(PSV - EDV) ÷ PSV
R/A Ratio	RA PSV or Prox, Mid, Dist, Ostium RA PSV, Abd Ao PSV or Prox, Mid, Dist AbdAo PSV	MAX Renal Artery PSV ÷ MAX Aorta PSV **Note:** If using Ostium, Prox, Mid, or Dist segments in vessels, the segment with the highest PSV will be used in the calculation.

Stress Echo

Calculated Fields

In the Stress Echo worksheet, the following fields are calculated automatically. These calculated values automatically update when any of the source values are changed.

Field	Source Values	Calculation Logic
Max APHR	Patient Age	220 - Patient Age
90% of Max APHR (Target) (or custom value instead of 90)	Max APHR	Max APHR × 0.9 **Note:** This calculation can be configured to use a custom value instead of 0.9.
% of Max APHR	Max APHR Max Achieved	(Max Achieved ÷ Max APHR) × 100
Duke Treadmill Score	Duration (min:sec) from Exercise section, Max ST Deviation, Angina Scale (0, 1, or 2)	Duration - (5 × Max ST Deviation) - (4 × Angina Scale)
METs	last Grade and Speed with a BP or HR entry	(hc + vc + 3.5) ÷ 3.5 hc = (speed × 26.8 × 0.1) vc = [speed × 26.8 × 1.8 × (grade ÷ 100)] **Note:** The calculation will use the HR and BP from the last stage in which all values are documented.
Double Product	Heart Rate (HR), Systolic Blood Pressure (SBP) from last stage with	(HR) × (SBP)

	both entered (not Rest)	

Supported Measurements by Import Type

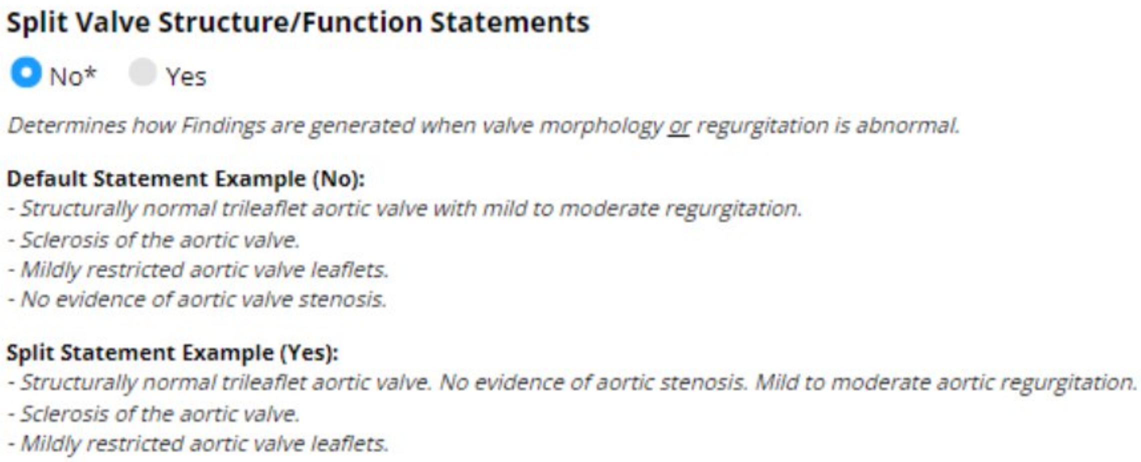
Studycast supports importing measurements to Stress Echo studies using XML files. The table below shows which measurements Studycast can import.

Measurement	GE Case	Hillrom Q-stress
Rest BP Systolic	X	X
Rest BP Diastolic	X	X
Resting Heart Rate	X	
Angina Scale	X	
Max ST Deviation	X	
Stages 1-6 Systolic		X
Stages 1-6 BP Diastolic		X
Stages 1-6 Heart Rate		X
Post Imm. - 5 minute Systolic		X
Post Imm. - 5 minute Diastolic		X
Post Imm. - 5 minute Heart Rate		X

Split Valve Structure/Function Statement Option (Echo)

Studycast offers an option for your Echo worksheet and reports to either combine or split Valve Structure statements. You can use this option to enhance or condense the valve statements as desired for your Echo worksheets and reports.

To enable/disable this option, please reach out to Studycast Support at support@corestudycast.com or at 866.209.3393 x 3



ABI

Calculated Fields

In the ABI worksheet, the following fields are calculated automatically. These calculated values automatically update when any of the source values are changed.

Field	Source Values	Calculation Logic
ABI	Right and left brachial pressures, Posterior Tib pressure and Dors Pedis pressure	MAX Ankle Pressure ÷ MAX Brachial Pressure **Note:** MAX ankle pressure will use the higher pressure of the Posterior Tibial artery and Dorsalis Pedis artery. The higher of the two brachial pressures will be used.
Rest TBI	Right and left rest brachial pressure, Toe pressure	Toe Pressure ÷ Brachial Pressure **Note:** If acquiring pressures for Great toe, 2nd toe, etc, TBIs will calculate individually for each toe using pressure acquired in that toe. The higher of the two brachial pressures will be used.

Carotid Study Worksheet

A carotid ultrasound is often recommended if you have risk factors for stroke, such as high blood pressure, high cholesterol, or a family history of heart disease. It can also be used to monitor the effectiveness of treatments like stents or surgeries to remove plaque.

Carotid Laterality Tabs

Selecting bilateral will produce a complete exam that includes both carotid artery systems. Choosing either right or left will produce a limited exam that only includes findings from the respective carotid artery system.

Carotid Measurements and Observations

Right and Left Tabs

- Represent the scans of the left and right carotid artery systems. Techs record observations on plaque size and stenosis, blood flow, waveform analysis and arterial wall integrity.
- An indication of Stenosis (or Plaque Size) must be made for the user to be able to comment on Plaque Morphology at a given level as the presence of Plaque implies a narrowing of the artery.
- Stenosis (or Plaque Size) values are automatically selected when the entered values for PSV, EDV and ICA/CCA ratio meet the criteria for a row in the Carotid Criteria chart. (Can be turned off via MyChoices)
- Waveform observations document flow direction, resistance, and phasicity.
- The presence of a Stent renders native Carotid Criteria invalid at that level (i.e.
- Stenosis/Plaque size will not be automatically triggered).
- Drop-downs allow the user to select which ICA and CCA to use to recalculate the ICA/CCA ratio. A Conclusion statement will generate if this ratio is >4.0 on a given side.

Carotid Criteria Tab

This tab lists the ranges that are used to automate observations. If a measurement is out of range, the worksheet will automatically identify it as an abnormality.

Diagram

Use the diagram to indicate Stenosis (or Plaque Size), Plaque Morphology, and presence of a Stent or surgical intervention (Endarterectomy) at each segment. Selections made in the iDiagram are represented in the Observations dropdowns and vice-versa.

Calculated Fields

In the Carotid worksheet, the following fields are calculated automatically. These calculated values automatically update when any of the source values are changed.

Field	Source Values	Ca
ICA/CCA PSV Ratio	One ICA PSV and one CCA PSV per laterality. Select list indicates which value.	IC **No** dif
ICA/CCA EDV Ratio	One ICA EDV and one CCA EDV per laterality. Select list indicates which value.	IC **No** dif

Stent Ratio	Stent PSV values within same stent	PS
Endarterectomy Ratio	Endarterectomy PSV values within same Endarterectomy	PS

Carotid Findings

Findings statements comment on stenosis, plaque morphology, and waveform observations.

Carotid Conclusions

Conclusions generate a Stenosis (or Plaque Size) statement for each vessel (ECA, ICA, CCA) based on the most severe Stenosis (or Plaque Size) selection in each vessel.

Carotid Report

Accreditation

Studycast Carotid reports are designed to meet requirements from:

- SVU: Society for Vascular Ultrasound
- IAC-vascular: Intersocietal Accreditation Commission
- ACR: American College of Radiology

Carotid Workflow

The Studycast Carotid worksheet allows you to document velocity, stenosis, plaque, plaque morphology, and waveform* characteristics for the CCA, bifurcation, ICA, ECA and subclavian.

- You can document interventions using the **Interventions** tab.
- Velocities populate automatically from the ultrasound machine. Use the dropdowns to document plaque size and morphology.
- For Waveforms, you'll document flow direction, resistance, and phasicity.
- Waveforms default to 'Normal'.
- The default segments for calculating ICA /CCA ratios can is specified by submitting a 'Carotid My Choices' form. It can also be modified for any given exam. Brachial pressures, vessel geometry and other values are documented below.
- 'Plaque' size and 'morphology' are documented on the carotid diagram. If you make a selection by interacting with the diagram, the corresponding observation dropdown updates as well, and vice versa.
- When you 'Generate Conclusions' Studycast generates a summary of abnormalities noted in the 'Findings'.
- In the 'Interventions' tab, you can document multiple stents and multiple endarterectomies.
- Stents and endarterectomies can also be documented directly on the interactive diagram. Click and drag on the diagram to place a stent or endarterectomy. Doing this will also update the corresponding observations and vice versa.
- Interventions will be documented in the generated Findings and Conclusions.
- Generate a 'Procedure Statement' by selecting the type of Procedure, Laterality, and 'Informed Consent' (if applicable). You can also comment on whether the NASCET criteria were followed by choosing from the PQRS drop down. This can help with reimbursement for the practice.

> In summer 2020, SVU/SVM released a consensus statement on documenting Doppler waveforms on arterial exams. Studycast worksheets (including Carotid) reflect the recommended approach and nomenclature by allowing you to select the flow direction, resistance, and phasicity of the waveform.

> Carotid criteria can be customized by account, and based on the criteria set up, velocities can automatically set the stenosis observation. You can change the observation.

Carotid Worksheet and Report Options

There are several options available that can be enabled on your account that affect how the carotid worksheet functions, and the look of the carotid report. Some of the available carotid worksheet and study report options include:

- Waveform, Stenosis/Visual Plaque Size (VPS), and Plaque Morphology can each be excluded from observations.
- Set a default vessel configuration for your facility.
- Waveform trigger: Setting a waveform observation automatically sets all waveforms below. This can be turned off.
- Default Carotid criteria on Studycast is 'Mayo Clinic', but Studycast supports other published, or custom criteria.
- Findings statements generate by default for each segment or configured to generate a single statement per vessel group.
- Three options are available offering different styles of Findings statement generation:
    1. Long (the default option)
    2. Short
    3. Short (imaging)
- Carotid supports an option to exclude ICA/CCA ratio statements in the generated 'Conclusions'.
- Carotid supports an option to choose which 'abnormal' selections generate a 'Conclusions' statement.
- Group 'Conclusions' statements for carotid 'bulb' by ECA, ICA, or CCA via a worksheet option.
- Optionally exclude the carotid criteria table, diagram, or stenosis column from the carotid study report.
- Configure the default report position of the criteria table and 'Conclusions' sections on the carotid study report.

These options can be enabled on an account, with approval from a Studycast Client Administrator, by submitting a carotid 'My Choices' form, or contacting Studycast Support.

Abdomen Worksheet

Calculated Fields

In the Abdomen worksheet, the following fields are calculated automatically. These calculated values automatically update when any of the source values are changed.

Field	Source Values	Calculation Logic
Resistivity Index	Hepatic Artery PSV, Hepatic Artery EDV	(PSV - EDV) ÷ PSV
R/A Ratio	RA PSV, Aorta PSV	Renal Artery PSV ÷ Aorta PSV

Criteria

The criteria listed below are set by default for the Abdomen worksheet. However, you can choose to use a different set of criteria, or you can define custom criteria.

To change the criteria in your worksheets, contact Studycast Support.

Significant PVR Conclusion Threshold

The default "normal" threshold is 100 cc. Values greater than or equal to 100 cc will generate a "significant post void residual" Conclusions statement.

Abdomenal Doppler Criteria

Liver: Portal Vein PV

Decreased: < 16 cm/s

Normal: 16 - 40 cm/s

Increased: > 40 cm/s

Liver: Hepatic Artery RI

Decreased: < 0.55

Normal: 0.55 - 0.7

Elevated: > 0.7

Kidneys: R/A Ratio

Normal: < 3.5 cm/s

Kidneys: Renal Artery PSV

Normal: < 180 cm/s

Increased: >= 180 cm/s

Aorta: Abdominal Aorta PSV

Normal: 0 - 150 cm/s

Mildly Increased: 151 - 200 cm/s

Moderately Increased: 201 - 300 cm/s

Severely Increased: > 300 cm/s

Patient Position Definitions

The following selections are available on the Venous LE and Vein Mapping LE worksheets for **Patient Position**.

> ⓘ We can set a default position for clients per study protocol.

Position (short)	Position (long)
Upright	upright
Supine	supine
Prone	prone
Supine RT	supine reverse Trendelenburg
Prone RT	prone reverse Trendelenburg
Up & Sup	upright then supine
Up & P	upright then prone
S & P	supine then prone
Up & Sup Rt	upright then supine reverse Trendelenburg
Up & P RT	upright then prone reverse Trendelenburg
S & P RT	supine then prone reverse Trendelenburg
Depend	dependent
Standing	standing
RT	reverse Trendelenburg
Standing & RT	standing then reverse Trendelenburg
Sup & up	supine then upright

Heart Rhythm Abbreviations

The following is a list of heart rhythms abbreviations available on Studycast and their full description.

Abbreviation	Description
AF	ATRIAL FIBRILLATION
AFL	ATRIAL FLUTTER
AFLRR	ATRIAL FLUTTER WITH RAPID VENTRICULAR RESPONSE
AFLVP	ATRIAL FLUTTER WITH VENTRICULAR PACING
AFRR	ATRIAL FIBRILLATION WITH RAPID VENTRICULAR RESPONSE
AFVP	ATRIAL FIBRILLATION WITH VENTRICULAR PACING
AJR	ACCELERATED JUNCTIONAL RHYTHM
ASVP	ATRIAL SENSING WITH VENTRICULAR PACING
AT	ATRIAL TACHYCARDIA
AVP	ATRIAL AND VENTRICULAR PACING
EAR	ECTOPIC ATRIAL RHYTHM
IVR	IDIOVENTRICULAR RHYTHM
JR	JUNCTIONAL RHYTHM
MAT	MULTIFOCAL ATRIAL TACHYCARDIA
NPACE	NORMAL PACEMAKER RHYTHM
NR	NOT READABLE
NSR	NORMAL SINUS RHYTHM
PAC	PREMATURE ATRIAL COMPLEXES
PACEAF	ATRIAL FIBRILLATION WITH VENTRICULAR PACED RHYTHM
PACEFC	PACEMAKER FAILURE TO CAPTURE
PACEFP	PACEMAKER FAILURE TO PACE

PACENSR	NSR WITH VENTRICULAR PACED RHYTHM
PSVT	PAROXYSMAL SUPRAVENTRICULAR TACHYCARDIA
PVC	PREMATURE VENTRICULAR COMPLEX
RRO	REGULAR RHYTHM,UNDETERMINED ORIGIN
SA	SINUS ARRHYTHMIA
SB	SINUS BRADYCARDIA
SRSA	SINUS RHYTHM WITH SINGLE PACS
SRSV	SINUS RHYTHM WITH SINGLE PVCS
SSS	SICK SINUS SYNDROME
ST	SINUS TACHYCARDIA
SVT	SUPRAVENTRICULAR TACHYCARDIA
VBIG	VENTRICULAR BIGEMINY
VT	VENTRICULAR TACHYCARDIA
VTRI	VENTRICULAR TRIGEMINY
WPW	WOLF-PARKINSON-WHITE

Studycast Worksheet Terms and Definitions

Blank Observation

A **Blank Observation** is an observation in a worksheet that is set to "blank," meaning no statement is generated for that observation.

Normal Observation

A **Normal Observation** is an observation in a worksheet that is set to "normal," generating a standard findings statement indicating no abnormalities.

Findings Statement

A **Findings Statement** is generated in a worksheet based on the observations made during a medical examination.

Interactive Diagram

Interactive Diagrams are visual aids within the Studycast system that allow users to interact with and annotate medical images.

Worksheet Customization

Worksheet Customization refers to the ability to personalize worksheets in the Studycast system to match specific workflows and preferences.

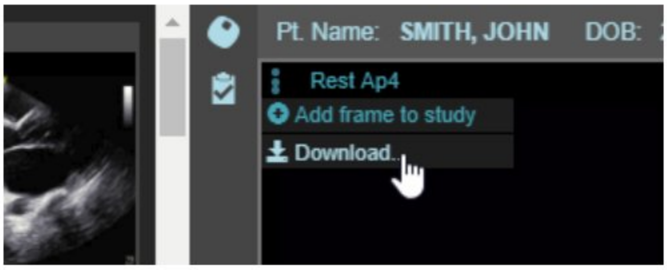
Download an Image

Download an Image

You can download an image or a paused cine loop frame to a local or network drive.

To download an image:

1. In the top left corner of the image pane, click the three dots icon.
2. In the menu that opens, select **Download**.



3. Select a location and save the image.

Stress Echo Views

When viewing stress echo images and loops, you have additional options for displaying loops by stage and view.

Enable Stress View button

The **Enable Stress Views** button displays standard quad views for stress echo exams. When clicked, the Stress Views list at the bottom of the Study Viewer becomes active. Open the list to choose a different view.

Apply Default Stress Labels button

The **Apply Default Stress Labels** button applies standard labels to the images based on the stage and view data in the DICOM. The labels are automatically applied when the study is uploaded. However, if you have overwritten the labels that were uploaded, click this button to reset them.

> For Stress Echo and Pharmacological Stress Echo studies, the groups and labels listed below are applied by default, but alternate lists are available. To use an alternate list, contact Studycast support.

Group	Contains Images Labeled...
Rest	Rest Ap2, Rest Ap4, Rest PLAX, Rest PSAX
Impost	Impost Ap2, Impost Ap4, Impost PLAX, Impost PSAX
Parasternal	Rest PSAX, Impost PSAX, Rest PLAX, Impost PLAX
Apical	Rest Ap2, Impost Ap2, Rest Ap 4, Impost Ap4
Low	Low Ap2, Low Ap4, Low PLAX, Low PSAX
Inter	Inter Ap2, Inter Ap4, Inter PLAX, Inter PSAX
Peak	Peak A2C, Peak A4C, Peak PLAX, Peak PSAX
Recovery	Recovery A2C, Recovery A4C, Recovery PLAX, Recovery PSAX

Recovery	Recovery A2C, Recovery A4C, Recovery PLAX, Recovery PSAX
Ap2 Pharm	Rest Ap2, Low Ap2, Inter Ap2, Impost Ap2
Ap4 Pharm	Rest Ap4, Low Ap4, Inter Ap4, Impost Ap4
PLAX Pharm	Rest PLAX, Low PLAX, Inter PLAX, Impost PLAX
PSAX Pharm	Rest PSAX, Low PSAX, Inter PSAX, Impost PSAX

Creating Custom Views

In addition to the standard stress views, you can create custom groups that include images or loops you choose.

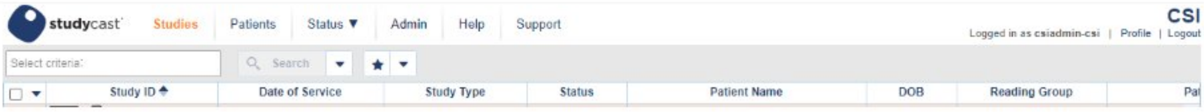
To create and view a custom group:

1. Select an item in the list of thumbnails on the left side of the Study Viewer.
2. In the top left of the image pane, click **No label**. In the menu that opens, select a label for the current item. To create custom groups, select one of the numbered custom labels.
3. Repeat steps 1 and 2 for each item you want to label.
4. When you are finished labeling items, click the **Enable Stress View** icon to the left of the viewing pane. The **Stress Views** list below the viewing pane is now active.
5. Open the **Stress Views** list to select a different view. The menu includes groups listed in the table below, as appropriate, and two custom groups, the images you labeled Custom 1-4 and the images you labeled Custom 5-8.

Search for Studies

Search for Studies

Using the search bar at the top of the Studies page, you can search for studies that meet criteria you select.



Define a search

1. On the left side of the search bar, click **Select Criteria** and select an item from the list. All columns on the Studies page are available as search criteria.
2. Enter the requested information for the item you selected. Depending on the item, you will see one of the following:
   - **Blank field:** Enter the text you wish to search for.
   - **Drop-down list:** Select the option you wish to search for.
   - **Calendar:** Select the date you wish to search for. If you want to search a range of dates, you will need to select both **Date From** and **Date To** in the search criteria.
3. Select additional search criteria if needed.
4. When you are finished selecting criteria, click the **Search** button. The Studies page now lists only the studies that meet your search criteria.

Clearing Search Criteria

To remove any item from your search criteria, click the **X** next to that item.

To clear all search criteria and return to the complete list of studies, open the drop-down menu on the **Search** button and select **Reset**.

> **Note:** If you do not reset your search, the system continues to apply the selected search criteria each time you view the Studies page. The next time you log in, the Studies page will display only those studies that meet the search criteria.

If there are searches you perform often, it can be helpful to save them as reusable filters. To learn how, see Filter the List.

Understanding Study Reports

The study report includes patient information, study findings, and conclusions as approved by the reading physician. The report can also include study images. For information about adding images to the report, see Add Images to a Report.

The report is a PDF that can be printed or saved locally. For information about printing multiple reports at once, see Print Reports.

To view a study report:

- On the Studies Page or Study Viewer, click the report icon.
- On the Worksheet, click the Report link at the top left or the Preview Report button in the bottom right

If the study is not yet approved, the report contains a “Preliminary” watermark. Once the study is approved, the watermark is no longer included in the report.

If changes need to be made after the study is approved, there are two options: reset the study status to Preliminary or add an addendum. To reset the study status, contact your admin.

Add an Addendum

To add an addendum, open the study worksheet and click on the Add Addendum button at the bottom. On the Add Report Addendum page, you can enter text in the box to explain the additions or changes. If you click Concur, a standard statement is automatically entered into the box. When you are finished with the text, click the Add Addendum button below the text box.

An addendum can only be added to a study that has been finalized. If an addendum has been added, the following note will appear in the Conclusions section of the study report: THIS REPORT HAS BEEN UPDATED; SEE ADDENDUM.

Custom Logo

Study reports can contain a custom logo. A single logo can be used for all study reports, or you can use different logos for different divisions, reading groups, or referring groups. To have a logo added to your reports, contact your admin.

Signature Image

An image file of a reading physician’s signature can be uploaded to the Studycast system and included on finalized study reports. If no signature image file is uploaded, the study report will include only the doctor’s printed name and the text: *Electronically Signed on Studycast.*

To have an image of your signature added to the reports, contact your admin.

Report Configuration Options

Studycast supports dozens of report configuration options enabling users to produce customize reports. Many report fields can be altered, and configurable options are available for:

- Overall Report Layout
- Logo Options
- Accreditation Seals
- Header Layout
- Patient Name Options

- Conclusions & Physician Signature
- Patient Addendum
- Footer Options

Measure an Image

Measure an Image

The measuring tools calculate distances and areas on a still image or paused frame of a loop that you identify. The measurements and calculations can be saved to the Worksheet.

- Length: Allows the user to measure length along a straight line.
- Angle: Allows the user to measure an angle.
- Elliptical ROI: Allows the user to measure an elliptical area.
- Rectangular ROI: Allows the user to measure a rectangular area.
- Custom Polygon ROI: Allows the user to define and measure the area of a custom polygon.
- Delete Measurements: Deletes measurements from the item in the viewing pane.
- Measurement Calibration: Allows the user to calibrate manually if an item does not have the necessary calibration information from the modality.
- Calculations: Allows the user to take measurements that the software will use to calculate velocity, pressure gradient, pressure half time, velocity time integral, ejection fraction, and time on Doppler images. For more information, see Generate Calculations.

If an image does not contain the necessary calibration information from the modality, you must calibrate manually before you can take any measurements. For calibration instructions, see Calibrate Manually.

Measure Length

In the measurement tools menu to the left of the viewing pane, select the Length tool.

1. Click the point in the image where you want the distance measurement to begin.
2. Move the cursor to draw a line across the distance you want to measure.
3. Click to define the end point of the line. The distance is displayed next to the line.

Measure an Angle

In the measurement tools menu, select the Angle tool.

1. Click to place the angle on the image. The measurement is displayed in degrees next to the angle.
2. To move the sides of the angle, click a handle and drag it.

NOTE: It is possible to separate the sides of the angle so that they no longer meet in a point. This option allows for greater flexibility in measuring angles. To separate the sides, grab and drag the handle at the vertex.

Measure Area

To measure the area of a region of interest (ROI), select Elliptical, Rectangular, or Custom Polygon ROI.

1. Draw your shape.

- Elliptical ROI: Use this option to draw an oval or circle. Click on the image and use your cursor to draw. To adjust the shape, click and drag the handles.
- Rectangular ROI: Use this option to draw a rectangle or square. Click on the image and use your cursor to draw. To adjust the shape, click and drag the handles.

- Custom Polygon ROI: Use this option to draw a custom shape. Click to define the first corner. Move the cursor to the location of the next corner and click again. Click once for each corner of the shape. Double click to close the shape.

1. The area is displayed next to the shape.

Delete Measurements

To delete measurements,

1. Select the tool for the type of measurement you want to delete (Length, Angle, Elliptical ROI, Rectangular ROI, or Custom Polygon ROI).
2. Click the Delete Measurements button.
3. Click on each measurement you want to delete.

Measure an Image

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- Custom Polygon ROI: Use this option to draw a custom shape. Click to define the first corner. Move the cursor to the location of the next corner and click again. Click once for each corner of the shape. Double click to close the shape.

1. The area is displayed next to the shape.

Delete Measurements

To delete measurements,

1. Select the tool for the type of measurement you want to delete (Length, Angle, Elliptical ROI, Rectangular ROI, or Custom Polygon ROI).
2. Click the Delete Measurements button.
3. Click on each measurement you want to delete.

Print Reports

Print Reports

You can print multiple study reports at a time from the Studies page. To print reports,

1. Check the box next to each study you want to include.
2. Click the arrow at the top of the check box column. In the menu that opens, select

   Print reports.

   - The **Prepare reports for printing** window opens. If any studies you selected do not have a report, they are listed here.
3. Click the **Prepare** button to generate the PDF. A single PDF is created. This PDF contains all the reports you selected.

> Please note you can print a maximum of 100 reports at a time.

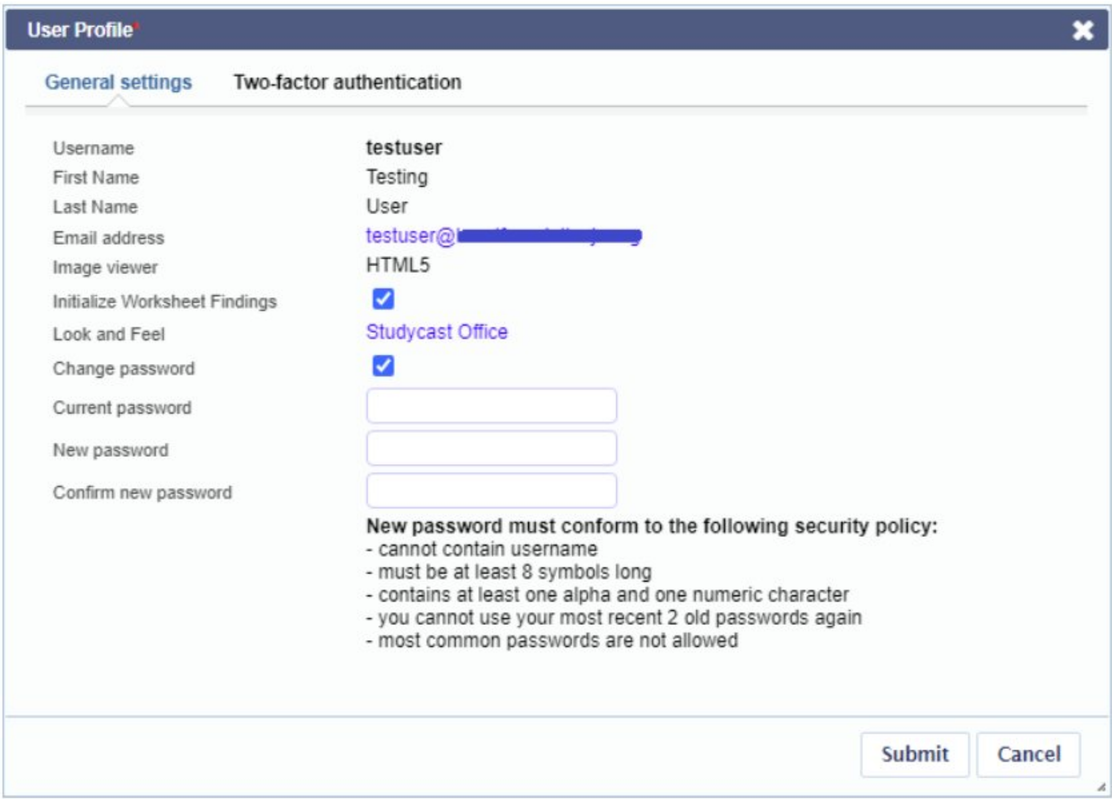
Change Password

Change Password

Note: The system will not allow you to use a password that is on the list of Prohibited Passwords.

To change your password:

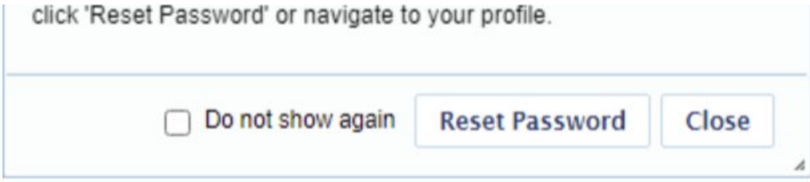
1. On the Studies page, click **Profile** in the top right corner.
2. In the **General settings** tab, check the **Change password** box.



3. Enter your old password. This is the password you used to log into the Studycast system today.
4. Enter a new password that conforms to the security policy listed at the bottom of the window.
5. Enter the new password a second time to confirm.
6. Click **Submit**.

Your password has been changed. Use the new password the next time you log into the Studycast system.

The Studycast system will remind you your password is about to expire beginning 5 days prior to your password expiration date.



To change your password immediately click **Reset Password** in the dialog or click **Close** to change at a later time.

Manage Cases

See this article in Studycast Help

In Studycast, cases allow you to group studies when they belong to a single pregnancy.

Cases apply to Obstetric, Fetal Echo, and Fetal Non-Stress Test study types, and allow you to:

- Populate the EDD from the previous Obstetric study in the pregnancy
- Plot the EFW and other relevant values from previous studies in a case
- Enable in-worksheet access to the Compare function for studies in a case

> **Note:** The Studycast Advisor prompts you when the study you are working on should be added to a case or used to create a new case. The workflow described below outlines an alternative way to manage cases. To learn more about the Advisor functionality, visit the Studycast Advisor page. To learn more about using the Advisor to manage cases, visit Studycast Advisor for Obstetric.

On the Studies page, you can add multiple studies for the same patient to a case. Once you have created a case, the case will be available on the patient's current study as a reference.

Open the Manage Cases Window

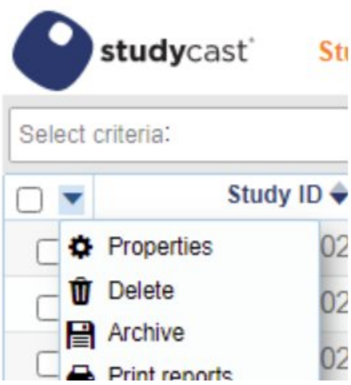
You can manage cases from the Obstetric worksheet or from the Studies page.

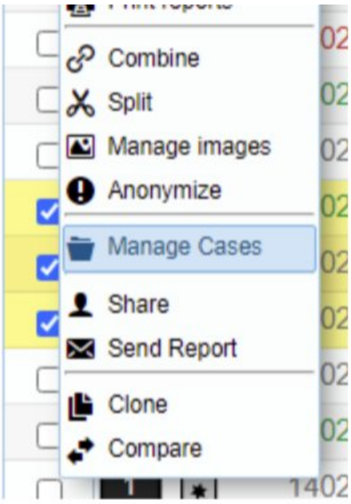
On the worksheet:

1. Click the **Patient Cases** button, located in the **Studies in a Case** section of the worksheet. The **Manage Cases** window opens.

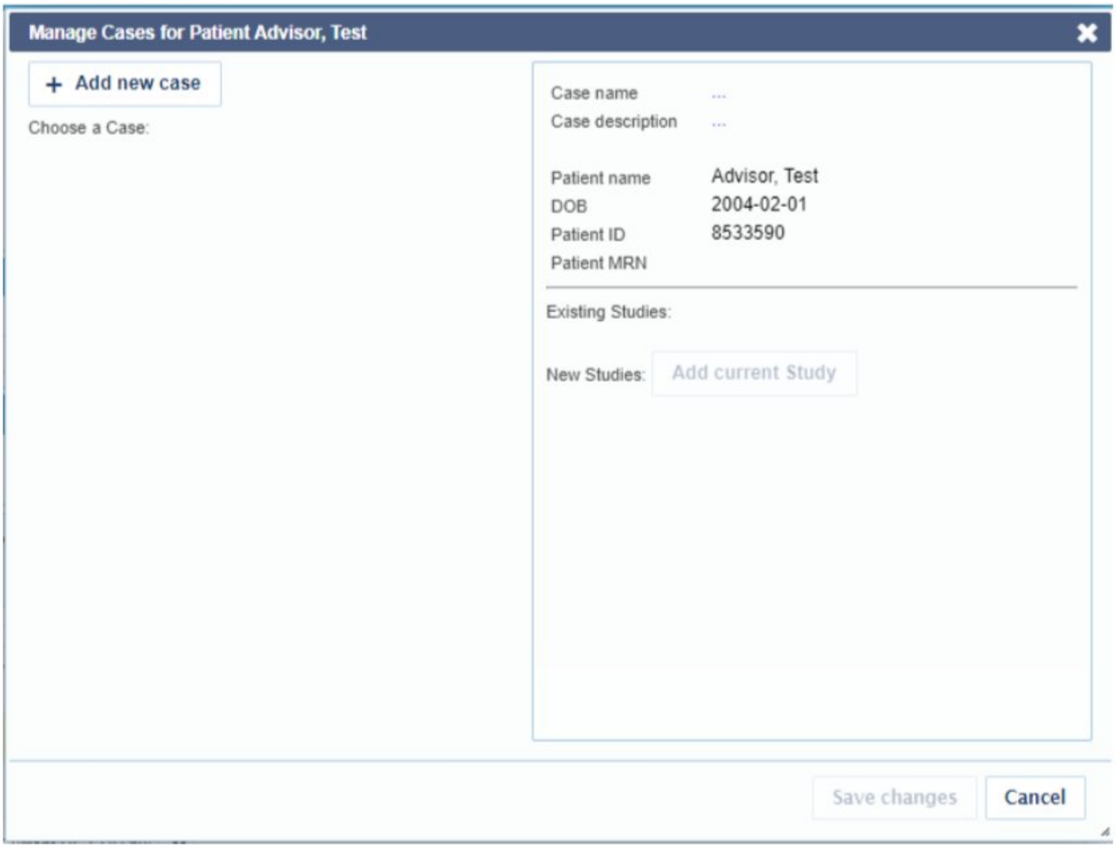
On the Studies page:

1. Search for studies by patient name. Only studies with the same patient name can be added to a case. For help with the search, see Search for Studies.
2. In the search results, check the box next to each study you want to add to the same case.
3. Click the down arrow at the top of the check box column. In the menu that opens, select **Manage Cases**.





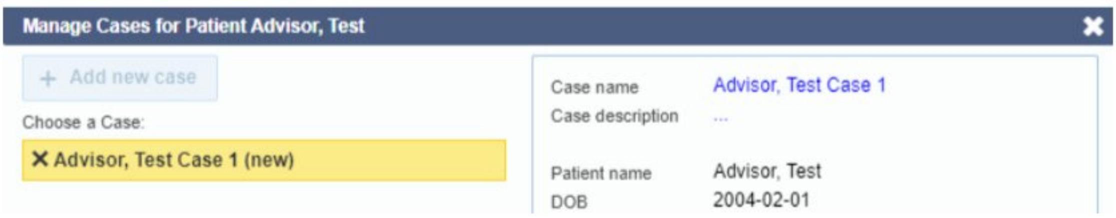
The **Manage Cases** window opens.



Create a New Case

To create a new case:

1. In the **Manage Cases** window, select **+ Add new case**. A new case is added and the name is generated automatically.



2. To rename the case, click the existing name (in blue text, next to **Case name** on the right side of the window) and type a name.

3. To add the studies you selected on the Studies page to this case, click the **Add selected Studies** button. The studies you selected appear under the button.

4. At the bottom of the list of new studies is a blank row. To find additional studies to add, click the dots (**…**). All of this patient's Obstetric, Fetal Echo, and Fetal Non-Stress Test studies appear in a drop-down list. Select a study to add it to this case.

5. Click **Save Changes**.

Add Studies to an Existing Case

The left side of the **Manage Cases** window lists cases that already exist for the selected patient. To add studies to an existing case:

1. Select the case from the list on the left. The box on the right lists existing studies that are already associated with the selected case.

2. To add the studies you selected on the Studies page to this case, click the **Add selected Studies** button. The studies you selected appear under the button.

3. At the bottom of the list of new studies is a blank row. To find additional studies to add, click the dots (**…**). All of this patient's Obstetric, Fetal Echo, and Fetal Non-Stress Test studies appear in a drop-down list. Select a study to add it to this case.

4. Click **Save Changes**.

Save List

Save a List of Studies

You can save a list of studies from the Studies page in PDF, HTML or CSV format to your computer or network. To save a list press the Save List button in the bottom-left corner of the Studies page. For more information on using Save List see Studycast Help

Use My Own Findings and Conclusions

How can I use my own Findings and Conclusions instead of the auto-generated statements?
All Findings and Conclusions text can be edited, but editing the auto-generated statements on each study would be time consuming.

The Additional Comments fields can make the workflow more efficient. With these fields, you can create and store your own statements, which can then be selected from the list any time you want to use them. To create your own statements,

1. Click the gear icon next to the text field. An edit window opens.
2. Type your statement into the field and click the **Add** button.
3. To move the statement, click and drag it to another spot in the list.
4. When you are finished, click the **Save** button.

Your new statements are now ready to use. To add one of your personalized statements, type a few letters of the statement. When the statement appears, select it to add it to the report.

You can further streamline the workflow by using Worksheet Presets in conjunction with the Additional Comments functionality. With Worksheet Presets, you can save and apply multiple changes to a worksheet at once. For example, you might create a Worksheet Preset that includes indications, observation selections, and your personalized Findings and Conclusions statements

- To save a Worksheet Preset, click the Star button in the lower left corner of the worksheet.
- To use a Worksheet Preset you've already created, click the down arrow next to the Star button and select the Preset you want.

Additional Comments

Additional Comments

Throughout the Studycast system, you will see text input fields with a gear icon, called Additional Comments fields.

These fields have type-ahead functionality, meaning that the list of items matching your search will adjust to maintain relevance as you type. Additionally, you can add and edit personalized statements, or comments, in the Additional Comments list.

Once created, these comments will be available to the entire reading group associated with the worksheet in use at the time of creation.

To edit a list of comments:

1. Click the gear (if active) to the right of an Additional Comments field. An edit window opens.
    - To add a new item to the list, type the text into the field and click the **Add** button.
    - To reorder the list of comments, click and drag the comments to the desired spots in the list.
    - To delete a comment from the list, click the **X** next to that item.
2. When you are finished editing the list, click the **Save** button to save your changes.

Note: Changes made to Additional Comments will be reflected across the entire reading group to which they are assigned. Deleting a comment will also remove it from the list for all other members of your reading group.

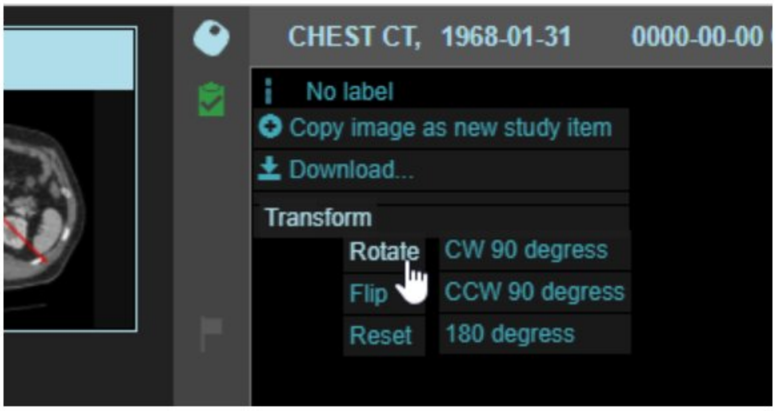
Watch the video

Rotate or Flip an Image

To rotate or flip an image:

1. In the top left corner of the image pane, click the three dots icon.
2. In the menu that opens, select **Transform**.
3. Select **Rotate** or **Flip**.
   a. If you select **Rotate**, you can choose to rotate the image clockwise 90 degrees, counterclockwise 90 degrees, or 180 degrees.
   b. If you select **Flip**, you can choose to flip the image along its horizontal or vertical axis.

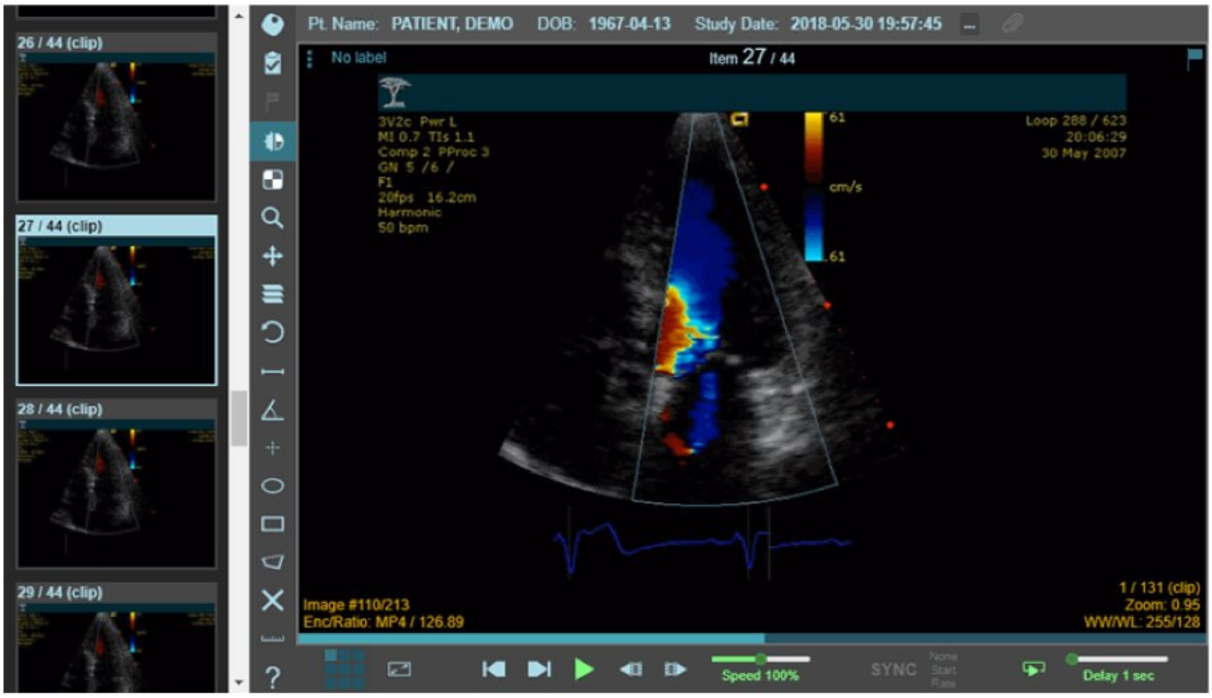
If you are viewing multiple images at a time, only the image in the active viewport will be affected.
To return the image to its original orientation, open the **Transform** menu and select **Reset**.



Transform menu

Studycast Viewer

When you open the Study Viewer, the first image in the study is displayed. If the first image is a cine loop, it begins playing automatically. Thumbnails of available images appear in a scrolling list on the left side of the viewer. To view an image or loop, select it from this list. You can also navigate study images using the arrow keys on your keyboard and the play controls below the image.
Thumbnails of cine loops and image stacks have icons in their top right corner to differentiate them from single or static images.



Study Information

The patient's name, DOB, and study date appear at the top of the window. To see additional information, click the three dots to the right of the study date.

If the study has attachments, the Attachments button will be active and will display the number of attachments. To open the attachments, click the button.

If the patient has previous studies, the Other Studies button will be active. Click the button to see a list of previous studies available. Click on a study in the list to open it in a new tab.

DICOM Overlays

The viewer will display the following DICOM tags if they are present:

- Heart Rate (HR)
- Patient Name
- Patient DOB
- Sex

- Sex
- Institution Name
- Study Date
- Study Time

If you would like to suppress these tags so they are not displayed on study images and loops, contact Studycast support.

Play Controls

Play controls are located at the bottom of the Study Viewer.

Previous Item (Up Arrow)

- Displays the previous image in the study. If you are viewing images 2-up or 4-up, the Previous Page button displays the previous 2 or 4 images.

Next Item (Down Arrow)

- Displays the next image in the study. If you are viewing images 2-up or 4-up, the Next Page button displays the next 2 or 4 images.

Play All (None)

- Plays all images in the study in order with the selected delay between the images.

Delay slider (None)

- Sets the amount of time each image is displayed in Play All mode.

Play (Space Bar)

- Plays the cine loop.

Pause (Space Bar)

- Pauses the cine loop.

Previous Frame (Left Arrow)

- Steps back one frame at a time in the cine loop.

Next Frame (Right Arrow)

• Steps forward one frame at a time in the cine loop.

Speed Slider (None)

• Controls the speed at which cine loops play.

Fullscreen Viewing

Use the Fullscreen button to the left of the play controls to toggle between full-screen mode and back. You can also exit fullscreen mode by pressing the ESC key on your keyboard.

View Multiple Images

When the Study Viewer opens, it displays a single image from the study. To view up to nine images simultaneously, use the control at the bottom left.
When viewing images in the viewing pane, you can choose any combination of images you'd like to see. Simply find an image in the list of thumbnails on the left. Then drag and drop the image into the viewing pane. When you open a new study, the viewer will default to the view you most recently used for the same study type.
To select the number and layout of simultaneous images in the viewer, move your cursor over the control. When the desired layout is highlighted in the control, click to select it.

View Reference Lines

For series that include reference line data, the reference lines will be displayed automatically in the inactive viewports when viewing multiple series simultaneously. Click a viewport to make it the active one. The reference lines in the inactive viewports automatically update as you scroll through the series in the active viewport.

To hide the reference lines, click the toggle at the bottom of the viewer. To once again show the reference lines, click the toggle again.

Speed and Sync

To control the speed of a cine loop, use the Speed slider control at the bottom of the Study Viewer.

When viewing two or four cine loops at a time, you can sync the loops using the SYNC menu at the bottom of the Study Viewer.

Sync Option - Description

- None - Cine loops play at their own rate and are not synced with each other.
- Start - All cine loops start at the same time and play at normal speed.
- Rate - All cine loops start at the same time and automatically adjust to end at the same time. Faster loops are slowed down to match the speed of slower loops.

Play All and Delay

To view all images in the list of thumbnails in sequence, click the Play All button in the bottom right. Use the Delay slider to set the amount of time the viewer displays each image. The delay value you select will be used for all studies and images until you choose a different value or close the browser.

View Controls

When you open a new study, the viewer will automatically select the control you used most recently for the same study type.

Button	Function
WW/WC	For ultrasound and other imaging modalities that do not produce images with a high bit-depth, control functions as brightness and contrast. To change the brightness, click and drag the mou and down in the viewport. To change the contrast, click and drag the mouse right and left. To a brightness and contrast to all viewports (all images in the study), hold Ctrl key while dragging tl mouse. For CT scans and other modalities that produce high bit-depth images, the window width and window center control the range of grayscale that can be displayed. With this tool, the user car specify the range of colors that are visible. Colors above this range appear as white. Colors be this range appear as black. To adjust these settings, click and drag the mouse in the viewport. •Right increases the window width •Left decreases the window width •Up increases the window center •Down decreases the window center
	Inverts the colors in the image.

Invert	
Zoom	Allows the user to zoom the item in the viewing pane in and out. To zoom, hold the left mouse button down and move the cursor up or down.
Pan	Allows the user to drag the item in the viewing pane in any direction.
Stack Drag	To scroll through frames in a loop using the mouse: 1.Click the Stack Drag button 2.Place the cursor over the item in the viewing pane 3.Hold the left mouse button down and scroll up or down
3D Cursor	Allows the user to locate a single point in multiple views on different planes. When the 3D Curs placed on an image in the active viewport, the series in the inactive viewports automatically up to display the corresponding view with crosshairs marking the same anatomical location.
	Resets the item to the default view.

Reset View	

Button	Function
 Length	Allows the user to measure length along a straight line.
 Angle	Allows the user to measure an angle.
 Crosshairs	Allows the user to mark a spot on an image to take a velocity measurement using the point method.

Navigation

Button	Function
Studycast Icon	Click to return to the Studies page.
Elliptical ROI	
Worksheet Icon	Click to open the Worksheet. This icon changes color to indicate the study's status.

Report Icon	Click to view the Study Report.

Rectangular ROI	
	Allows the user to define and measure the area of a custom polygon.
Custom Polygon ROI	
	Allows the user to define and measure the area of a drawn shape.

Viewer Settings: Clearing/Disabling the Image Cache

The image cache can be manually cleared or disabled from Viewer Settings.

Click the gears button in the upper right to access Viewer Settings.

The Viewer Settings window opens.

To disable image caching, click to toggle the Image cache option to the off position. To clear the image cache, click Clear.

Viewer Settings Window

Reload Study Measurements / New measurements were received

If you upload studies with the CoreGateway uploader, it is possible to open a study worksheet before all the measurements have been populated. Once the worksheet is open, the measurements will not automatically populate as you work, but you will receive a notification along the bottom of the screen that indicates that new measurements have been received.

To populate new measurements from the modality:

Open the Tools menu in the bottom left of the worksheet and select Reload Measurements. (Or, click Show Details in the notification at the bottom of the screen).

The Apply Measurements window opens. By default, the values received from the modality are checked. If more than one value was received for the same measurement field, the most recently received measurement will be checked by default. Ensure that the values you would like to populate in the worksheet are checked.

The Re-generate findings statements box is checked by default. If this box is left checked, the Edit Findings window will open. This window allows you to edit individual findings statements impacted by the measurements that have been selected.

Click OK.

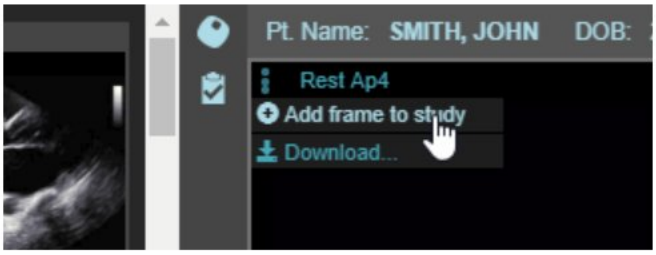
Selected values will populate in the worksheet.

Add a Cine Frame to a Study

Add a Cine Frame to a Study

To add a frame from a cine loop to a study as a still image:

1. Pause the cine loop using the **Pause** button at the bottom of the Study Viewer. Use the controls to step forward or backward to get to the frame you want to add.
2. In the top left corner of the image pane, click the three dots icon.
3. In the menu that opens, select **Add frame to study**.



The frame is added to the bottom of the list of thumbnails on the left side.

Flagging Images

Sometimes, it can be useful to flag certain images and loops so they can be located quickly. To flag an item in the Study Viewer:

1. Navigate to an item you want to flag.
2. In the upper right corner, click the Flag icon. The flagged item is highlighted in the menu of thumbnails to the left of the viewing pane.

You can flag as many items as you like.

To view only the items you've flagged, click the **Flag** icon to the left of the viewing pane. The list of thumbnails now includes only flagged images.
To return to the full list of items, click the Flag icon to the left of the viewing pane again.

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Previous Results

Previous Results

When a follow-up exam is performed, it can be helpful to view the patient's previous findings and conclusions and either append or overwrite the current statements with the findings/conclusions from the previous exam.

If a patient has a previous finalized study of the same type and protocol in the system, the Previous Results button at the top right of the worksheet will be active. Previous results are only available from studies that have been approved. When you are finished, click the Apply and Close button to return the the Studycast worksheet with your changes populated.

For more information on using Previous Results see Studycast Help

Batch Actions

View or Edit Properties for Multiple Studies

You can make changes to multiple studies at once on Studycast using the Group Action feature. This is useful if you want to change the Study Type or assigned reading physician on multiple studies at once, instead of modifying each individually.

To edit the properties for multiple studies, start from the Studies page.

1. Click the check box next to each study you want to edit.
2. Click the down arrow at the top of the check box column. In the menu that appears, select Properties.
   - The Study Properties window opens. It displays only the properties you can change for all selected studies.
3. To change a property, click No change and select a different option. If you change the date of service, you can enter a comment to explain the change. If a study's status is Final, you cannot change the Reading Group, Reading User, Referring Group, or Referring User.
4. To apply your selections, click OK.

Grid Setup

Grid Setup

The Studies page can be configured to display only the columns you want in whatever order you choose. Y
To configure the Studies page,

Click the Grid Setup button Grid Setup button in the lower right corner of the Studies page.

The Select columns window appears.

The left side of the window lists columns that are currently displayed in the Studies page. The right side list

- Reorder Columns: To reorder the columns on the Studies page, click and drag each column you would
- Remove Columns: To remove a column so that it does not appear on the Studies page, click the minus
- Add Columns: To add a column to your Studies page that is not currently displayed, click the plus sign r a different spot in the list.

Click OK to apply your changes and close the window.

Update Your User Profile

To update your user profile, click Profile in the top right of the Studies page. The User Profile window opens, and the General settings tab is selected by default.

Email address

To change the email address associated with your user profile, click the address and begin typing. Then click Submit.

Image viewer

The HTML5 is the default version of the viewer and provides better performance and greater compatibility across devices and operating systems.

Initialize Worksheet Findings

Uncheck this option to disable the automatic generation of Findings statements when a worksheet is first opened.

Look and Feel

Click to choose a different theme.

- Office: Designed for viewing in a typical, well lighted office setting
- Viewing Station (dark): Studycast dark mode / dark theme was designed for viewing in a traditional viewing station or other low-light environment

Change Password

To change your password:

1. On the Studies page, click Profile in the top right corner.
2. In the General settings tab, check the Change password box.
3. Enter your old password. This is the password you used to log into the Studycast system today.
4. Enter a new password that conforms to the security policy listed at the bottom of the window.
5. Enter the new password a second time to confirm.
6. Click Submit.

Your password has been changed. Use the new password the next time you log into the Studycast system.

Delete Browser Data

When checked, Studycast platform data (including cookies, cached images and files, and settings) will be deleted upon user logout.

Two-Factor Authentication

In this tab, you can enable and set up Two-Factor Authentication (2FA), which provides additional security for your Studycast account by requiring users to enter an access code at login in addition to the username and password. For more information, see Two-Factor Authentication.

Apply Presentation States

By default, presentation states display in the Viewer. Uncheck Apply Presentation States in a user's profile to disable displaying presentation states by default

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Worksheets

The worksheet is where you enter measurements, observations, and notes for a study, generate the findings, and finalize the conclusions. Each study type has its own worksheet with fields tailored to that type of study.

The left side of the worksheet contains several sections to capture the patient demographics, indications, notes, and the study's measurements and observations. Some sections can be opened and closed by clicking the section's header bar.

Enter and Edit Worksheet Information

Some of the information in the worksheet is automatically populated from the modality when the study is uploaded to the Studycast system.

- Some text can be edited. To edit, click the text and begin typing.
- To enter information in an empty field, click the dots (**....**) in that field and begin typing.
- Some text fields have a list of items you can choose. To see the entire list, press the space bar twice.
- To look up a specific item in the list, begin typing. The list narrows as you type. To select an item, click it with your mouse or use the arrow keys on your keyboard to highlight it and hit Enter.

You can edit any Additional Comments list in your worksheets by clicking the gear icon next to the field. For information about how to do that, see Additional Comments.

⚠ If another user already has the worksheet open, you will see a warning message at the bottom of the page. The Studycast system saves only the most recent changes. Be sure to coordinate with your colleagues to avoid overwriting one another's changes.

Patient Information

This section contains information about the patient, the study that was performed, and the referring and reading physicians. Use this section to assign the study to a reading group or reading physician.

Indications

This section contains fields for:

- Indications
- Diagnosis Code (ICD-10 codes are pre-populated in this list)
- Procedure Code (CPT codes are pre-populated in this list)
- Risk Factors
- Complications
- Medications

Sonographer/Technologist Comments

Use this section to write notes for the doctor. The notes entered here do not appear on the final report.

Protocol

If multiple protocols are available, you can select the protocol from the drop-down list. For some study types

If multiple protocols are available, you can select the protocol from the drop-down list. For some study types, some items on the measurements and observations tabs change when you select a different protocol.

Measurements and Observations

The Studycast system uses structured report data from the modality to populate measurements on the worksheet. Other items must be completed by a sonographer, technologist, or physician.

Abnormal Observations Color Coded

The worksheet automatically identifies abnormal values and observations. These items are color coded red. When a tab has an abnormal value or observation, the tab label is also color coded red.

Interactive Diagrams

Some worksheets include interactive diagrams to illustrate abnormal study results.

To see the details for a segment of the diagram, hover the cursor over that segment. To apply a different color or pattern code, click the mouse. With each click, the next choice in the legend is applied.

If a diagram includes an **Annotate** button, you can add simple line drawings and text to the diagram. Click the button to open the **Annotation Editor** window.

For more information, see Annotate a Diagram.

Report Recipients

Many worksheets include a tab that lists the notifications that will be sent when the study is approved or when an addendum is added. For information on managing this list, see Manage Report Recipients.

Findings

On the right side of the worksheet, the Findings section displays text generated by the Studycast system based on the measurements and observations in the worksheet. When you are finished entering information into the worksheet, click the **Generate All Findings** button to generate the text.

To edit the findings, click the text and begin typing. When you hover over a section of the findings, additional options appear.

Conclusions

This section displays conclusions statements generated by the Studycast system based on the data and observations in the worksheet. The conclusions statement appears on the Study Report.

When you are finished with the worksheet, click the **Generate** button to display a conclusions statement. The statements summarize the abnormal findings. You can edit the conclusions statements and add your own comments.

Results

Additional information about the study findings can be captured in this section. The results can be categorized as Abnormal, Critical, or No Change. If Critical is chosen, additional fields appear for documenting verbal communication with physicians about the study findings and any instructions provided to the patient. Studycast can send notifications based on the results category. See Set Up

Watch the video

Results and Recommendations

Notifications for more information.

Recommendations

Follow-up care recommendations for the patient or primary care physician can be documented in this section. The recommendations entered here appear in a separate section below the Conclusions on the study report.

Status and Work Flow Options

The available buttons in the bottom right corner depend on your user type and permissions.

Button	Available for...	Description
Save	All Users	Saves changes to the worksheet. If you exit the worksheet without saving, your changes will be lost.
Preview Report	All Users	Opens the report in a new window.
Set to Preliminary	Sonographer/ Technologist	Sets the study status to preliminary.
Approve Study	Reading Physician	Finalizes the study report and sets the study status to Final.
Approve & Next	Reading Physician	Same as Approve Study, but also opens the next study for approval.
Change Status & Next	Reading Physician	Sets study status to new so the sonographer or technologist can edit the worksheet and opens the next worksheet for approval. This option is useful if the physician finds that the exam is incomplete and not ready for approval.

Configure the Patients Grid

The Patients page can be configured to display only the columns that are relevant to you in whatever order you choose. Your configurations are specific to your username and do not affect other users.
To configure the Patients page:

1. Click the Grid Setup button in the lower right corner of the Patients page. The Select columns window appears.
    a. The left side of the window lists columns that are currently displayed in the Patients page. The right side lists columns that are not currently displayed.
    b. To reorder the columns on the Patients page, click and drag each column you would like to move to a different spot in the list.
    c. To remove a column so that it does not appear on the Patients page, click the minus sign next to that column's name in the left side of the window. Removing a column from your Patients page view does not affect the data. You can restore the column to your Patients page at any time.
    d. To add a column to your Patients page that is not currently displayed, click the plus sign next to the column name in the right side of the window. The added column appears at the bottom of the list on the left side of the window. Click and drag it to move the column to a different spot in the list.
2. Click OK to apply your changes and close the Select columns window.

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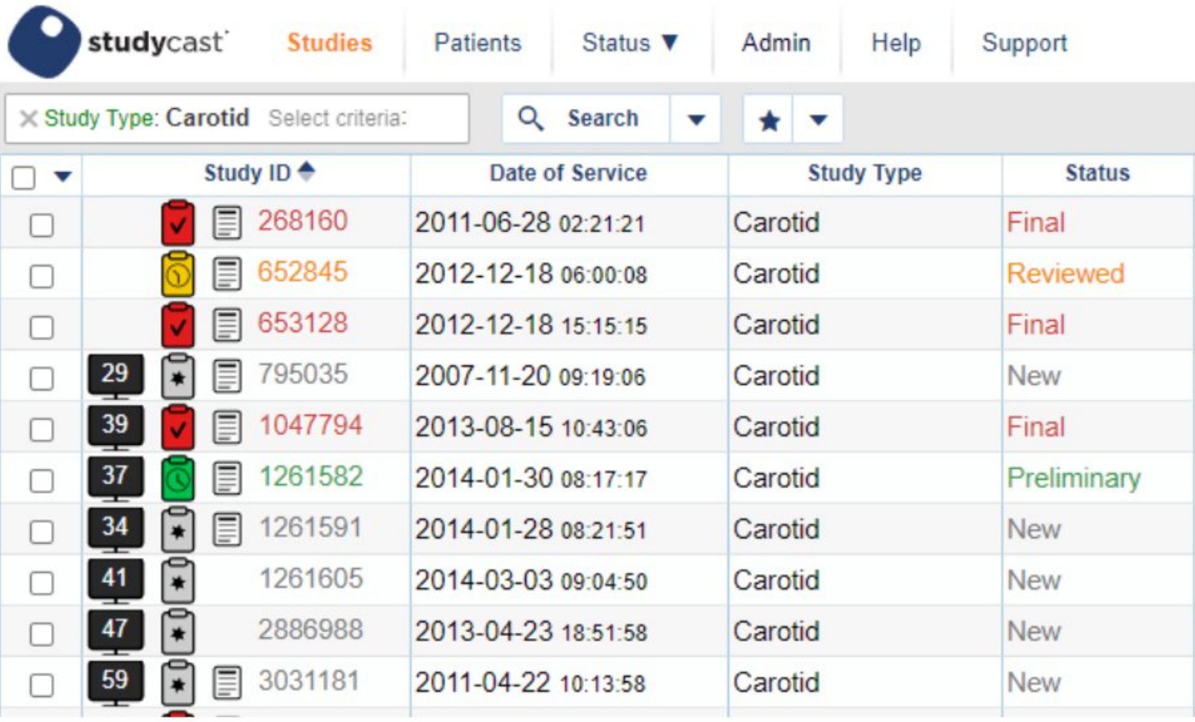
2. Click OK to apply your changes and close the Select columns window.

Studies page

When you log into the Studycast system, the Studies page is displayed. This page lists all studies that have been or are currently being uploaded to the Studycast system which you are authorized to view. The list includes only those studies you are authorized to view.



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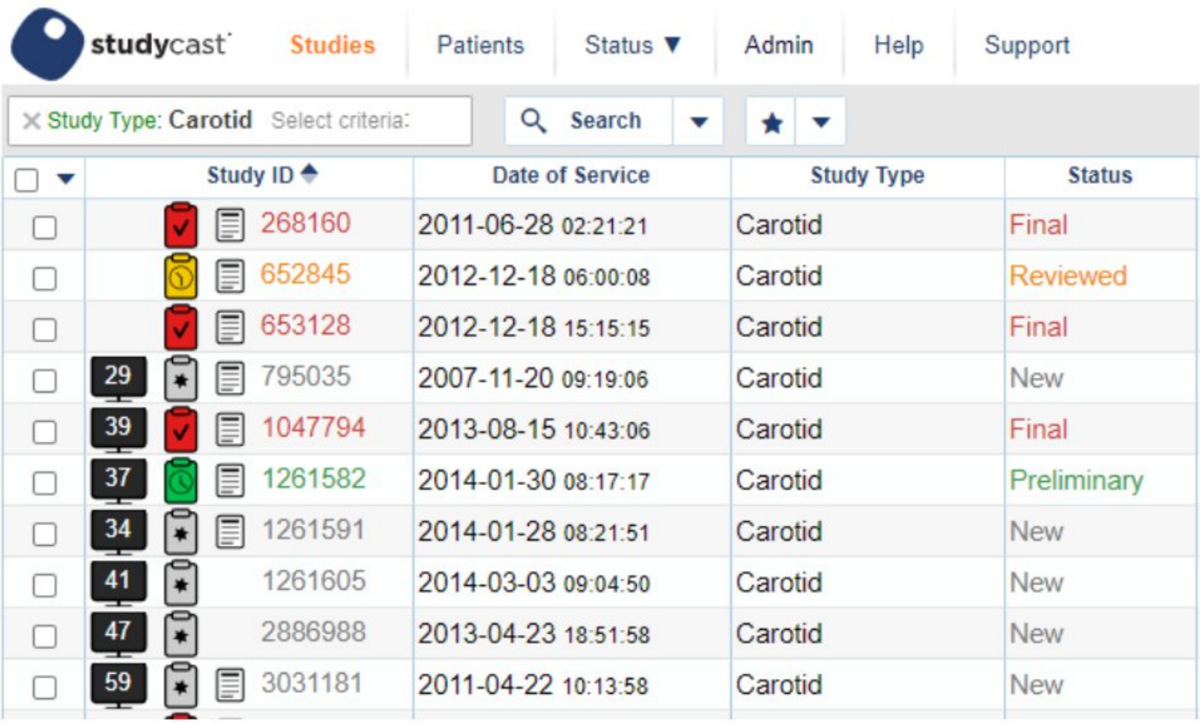


The grid lists each study in a separate row. Several icons appear in the Study ID column.

- The Study View icon displays the number of images in the study. Click this icon to view the images in the Study Viewer.
- The Worksheet icon is color coded according to the status of the study. Click this icon to open the Studycast worksheet.

> ⓘ For more information on status colors, see the Study Status Color Coding section below.

- The Report icon is displayed only when a report has been generated for the study. The report may be preliminary or final depending on the status of the study. Click this icon to view the report.

Other columns display information associated with the study. You can choose which columns appear in the grid and in what order. For information about configuring the columns, see Configure the Grid.

Explanation of all Studies Page grid columns

- Study ID: Unique numerical identifier the Studycast system assigns to a study when it is uploaded.
- Original Study ID: Identifies the original study from which a clone was created.
- Date of Service: Displays the date the study was performed in Year-Month-Date (YYYY-MM-DD) format.
- Status: Displays the current status of the study (Uploading, New, Preliminary, Reviewed, or Final). For an explanation of the color codes, see Study status color coding.
- Study Type: The Studycast worksheet type currently assigned to the study. The study type should correspond to the type of exam performed on the patient.
- Study Protocol: Selected protocol for type of exam performed. For example, a Venous LE study can have a protocol of Insufficiency, Duplex, Reflux, or Post Ablation.
- Study Description: If the user has entered a description for the study (not available on all worksheets), it is displayed here.
- Sender: ID signifying the server or PC from which a study was uploaded to the Studycast system.
- Division Code: This code is used to assign studies to divisions automatically. This code cannot be changed.
- Division Name: Name of the division a study is assigned to in the Studycast system. The division name can be changed.
- Patient Name: Patient's name (Last, First).
- Patient ID: Medical Record Number, or another unique identifier for the patient.
- DOB: Patient's date of birth in Year-Month-Date (YYYY-MM-DD) format.
- Reading Group: Name of physician (or group of physicians) assigned to read the study.
- Reading User: If the Reading Group selected has multiple members, the Reading User field can be used to select a specific physician from that group.
- Referring Group: Name of physician (or group of physicians) who referred the study.
- Referring User: If the Referring Group selected has multiple members, the Referring User field can be used to select a specific physician from that group.
- Ordering Physician: A secondary referring field where you can select another provider to also receive a copy of the final report.
- Performing User: Initials sent by the modality to identify the sonographer/technologist.
- Approved By: Name of the physician who approved the study.
- Approved Date: Date the study was approved by the reading physician.

- Care Type: When enabled, Care Types allow you to categorize studies to trigger visual cues at set intervals.
- Location: Site-specific location where a study was performed.
- Procedure: Displays the procedure selected on the worksheet for a study: Complete, Limited, Duplex, etc. This option is available only on ultrasound studies.
- Modality: Displays the modality, which is captured when the study is uploaded. The modality can be changed on the Worksheet.
- Accession / Encounter #: Displays the accession or encounter number uploaded with the study.
- Verified Date: Date the study was verified (only applies to Studycast accounts that use the Verifying Physician functionality).
- Verified By: Name of the reading group assigned to verify the study (only applies to Studycast accounts that use the Verifying Physician functionality).
- Verifying Physician: Name of physician who verified the study (only applies to Studycast accounts that use the Verifying Physician functionality).
- Procedure Code: Displays the procedure code for the study.
- Diagnosis Code: Displays the diagnosis code for the study.

Study status color coding

Each study is color coded to indicate its status. The color coding is applied to the Worksheet icon, Study ID, and Status.

- New (Optional) - Grey : The study has been uploaded but is not yet available for the reading physician. The technologist may enter information in the worksheet and then set the status to Preliminary. Once the status is Preliminary, the study will be available for the reading physician. NOTE: This status is optional and might not be applicable in your implementation of the Studycast system.
- Preliminary - Green : The study is ready for the reading physician to review.
- Reviewed (Optional) - Yellow : The reading physician has approved the study, and a report has been generated, but it has not been assigned to the referring physician. This status allows for another user to view the report before it is sent to the referring physician or other final destination, or a second physician to verify the study before the report is finalized. NOTE: This status is optional and might not be applicable in your implementation of the Studycast system.
- Final - Red: The study has been approved by the reading physician, and the final report has been generated.

Preset Favorites

Users can create templates of frequently used worksheet entries with preset favorites. For example, a user can create a preset to enter the observations, findings, and conclusions text for a "normal" exam and repeatedly apply this preset to different studies.

A preset favorite can use the following elements:

- Observations
- Findings
- Conclusions
- Study Description
- Indications
- Sonographer/Technologist Comments
- Study Quality, Protocol, and Procedure dropdowns
- Recommendations

Presets can be available to all protocols or limited to a specific protocol (when applicable to the study type).

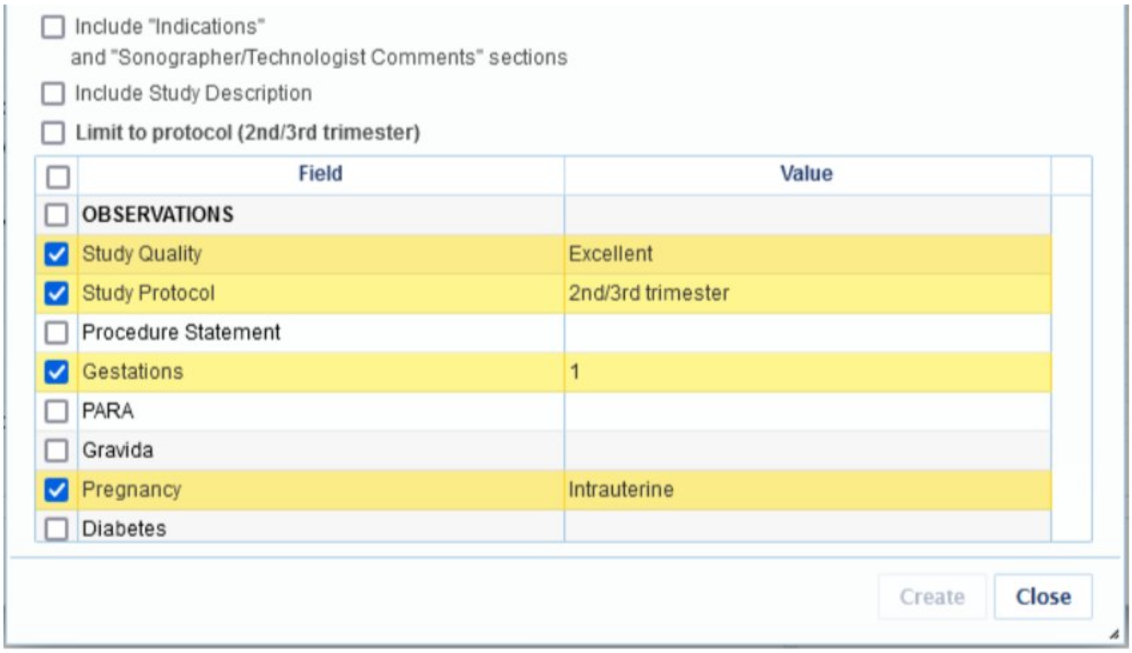
> Note: Access to Preset Favorites is controlled at the reading group level. This means that when a user is in a worksheet, the Preset Favorites available are based on the reading group currently assigned to the exam.

Create a New Preset

Users with Preset Favorites: Manage and Preset Favorites: Create permissions can create a Preset Favorite. If a user does not have this permission, contact the admin.

To create a new preset favorite:

- In the worksheet, enter the comments and observations to include in the preset.
- Select Favorites (★) in the lower left corner of the worksheet. The Manage Preset Favorites window opens.
- Select + Add new preset… in the upper right corner. The Create preset window opens.
- Enter a name and description for the preset. Optionally, users can assign presets to a Preset Group, which groups Preset Favorites in the Select Preset Favorite list.
- In the Scope tab, check the box next to each worksheet item to include in the preset.
    - By default, the fields in the worksheet with values in them are included in the preset. Select the checkboxes next to each field to include additional fields, or select the top-level checkbox to include all fields. Including a field with no value in it results in the preset overwriting the existing information in that field.



The grid at the bottom of the Create Preset Favorite window displays detailed information about the fields and values included.

When the arrow is selected, included statements will replace the existing statements in the worksheet.

When the plus sign is selected, included statements will append the existing statements in the worksheet. This offers additional flexibility so that presets can be used to supplement existing generated statements.

In the Access tab, indicate any additional reading groups to have access to the preset. By default, access will only be applied to the reading group assigned to the current study.

Select Save to create the preset.

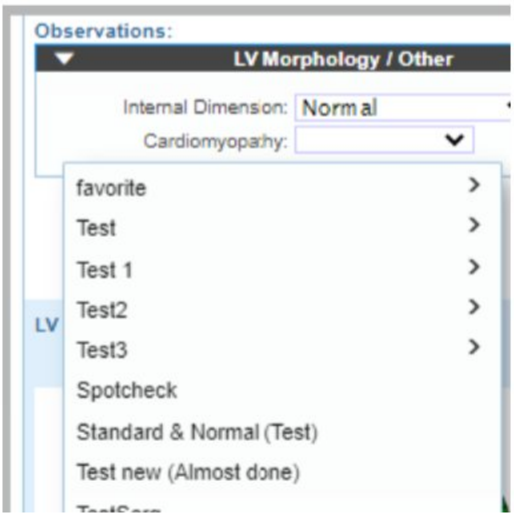
Note: Statements included in a preset will replace existing items by default, unless a different behavior is specified.

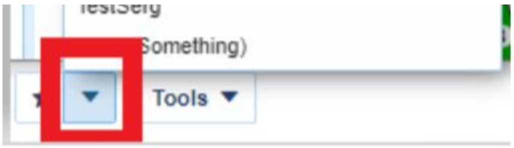
Apply a Preset Favorite

All users with appropriate reading group access can apply new presets.

To apply a Preset Favorite to a worksheet:

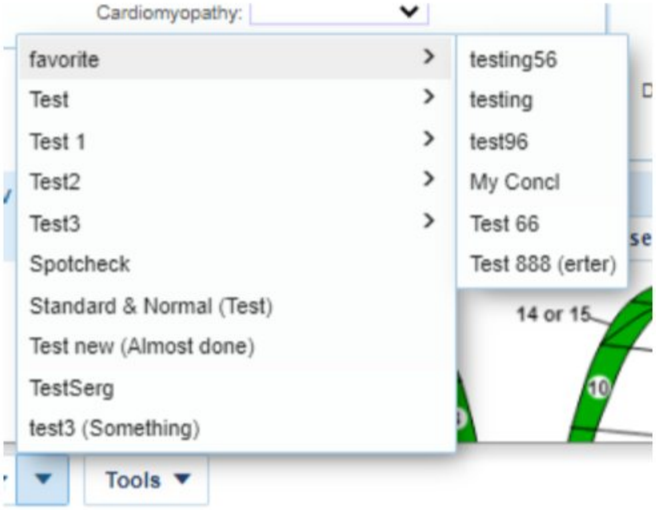
Select the Preset Favorites arrow (▼).





Choose a preset from the list.

If Preset Favorite is part of a Preset Group, it appears at the top of the list under the name of the Preset Group.



The Apply preset favorite window appears. This window lists the worksheet sections included in the preset, shows conflicts with information already entered into the worksheet, and shows a warning if a value in the preset is not available in the worksheet.

To apply the preset, select Apply.

If any preset is value unavailable in the worksheet, a warning window opens showing the fields and unavailable values. Users can select Cancel to cancel applying the preset and return to the Apply Preset window or select Apply to set the field with the unavailable value to the first item in the dropdown menu.

Compare Studies

The Compare function enables the comparison of data from multiple studies of the same study type and protocol. The comparison includes

- Patient demographics
- Study measurements
- Observations
- Findings

To compare studies,

1. On the Studies page, select at least two studies. There is no limit to the number of studies you can select for comparison.
2. Click the down arrow at the top of the check box column.
3. In the menu that opens, select Compare. The Compare studies window opens.

In the Compare studies window, each study is displayed in a separate column. To resize a column, click and drag the border.

Differences between the studies are highlighted in a different color. To see only the differences between the two studies, check the Show only differences box at the bottom left.

Exporting the data

To export or print the data,

1. Select an output format (PDF, CSV, or HTML). If you plan to analyze the data in Excel, choose CSV.
2. Click the Export/Print... button.

The output file will include only the data you are currently displaying. If the Show only differences box is checked, the output file will include only the fields where the studies differ.

Calculation Panel

Perform Calculations and Save Them to the Worksheet

In the **Calculations** panel, you can generate calculations and save the values to the study's Worksheet.

To perform a calculation,

1. Click the **Calculations** button to open the **Calculations** panel.
2. Then, click the **+** button to add a calculation.
3. Select the type of calculation you want to add.

- For each measurement requested, you can either use the Draw tool to define the measurement or the Select tool to choose a measurement you've already drawn.
- To identify a field on the Worksheet for a calculation, click the name of the calculation and select from the drop-down list.

The indicator changes color depending on the status of the value:

- **Blue**: No value has been calculated yet.
- **Orange**: The value has been calculated, but no field on the Worksheet has been selected for it.
- **Yellow**: The value has been calculated, and a field on the Worksheet has been selected for it. To save the value to the worksheet, click the indicator when it is yellow.
- **Green**: The value has been saved to the selected field on the Worksheet.

Click the hamburger menu to the right of each calculation to display a list of options, which include

- Hide info / Show info
- Show this calculation only / Show all calculations
- Save value to worksheet
- Delete calculation

To save all values in the **Calculations** panel to the Worksheet at once, click the **Save All** button at the bottom of the **Calculations** panel.

Once you have saved a value to a specific field on the Worksheet, you cannot save a second value to that same field. Before you can save a new value to that field on the Worksheet, you will need to delete the value currently associated with that field in the Calculations Panel.

> ⓘ If the study's worksheet is open when you save measurements and calculations to the worksheet, you will need to refresh the worksheet to see the values. To do that, click your browser's Refresh button.

For images that meet certain technical requirements, the following calculations are available and can be saved to the Worksheet.

- Velocity (VEL)
- Pressure Gradient (PG)
- Pressure Half Time (PHT)
- Velocity Time Integral (VTI)

• Ejection Fraction (EF)

For instructions on performing these calculations see Studycast Help

Annotate a Diagram

Annotate a Diagram

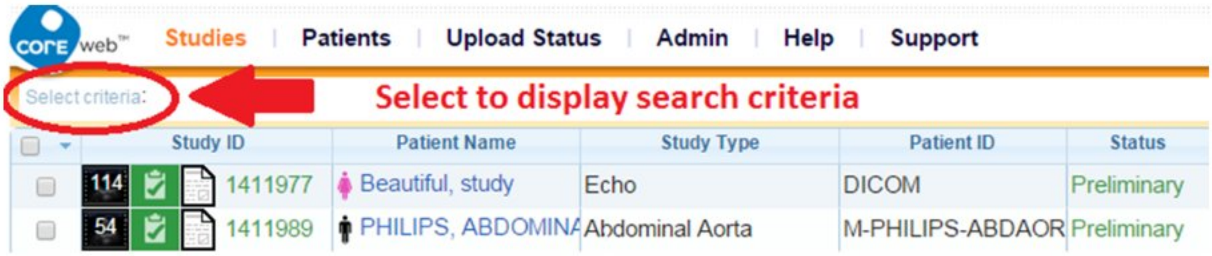
Some Studycast worksheets contain an interactive diagram. Different worksheets have different options for annotating the diagram.

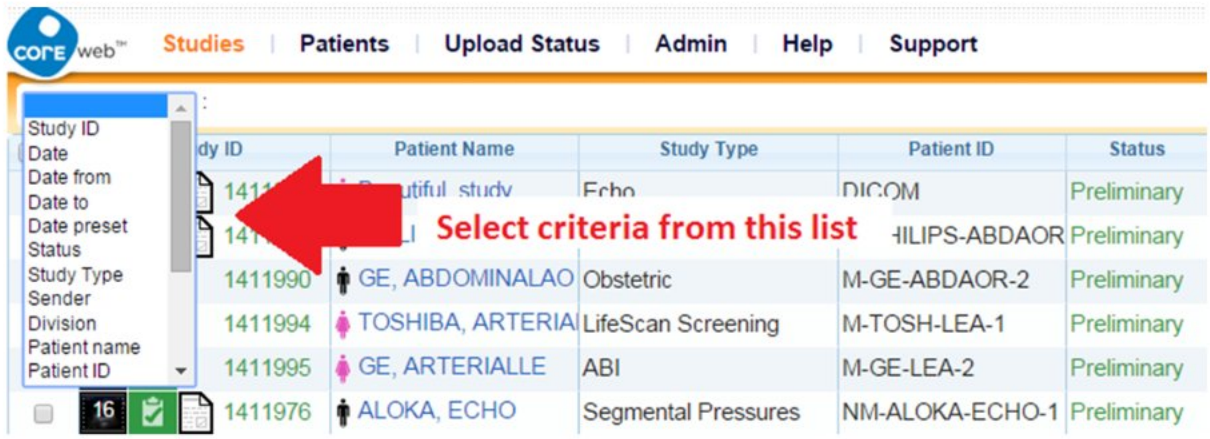
If the diagram has an **Annotate** button, you can draw directly on the diagram and add text to it.
Click the **Annotate** button. In the window that opens, use the tools at the top of the window to annotate the diagram.
To save your annotations, click **Save** in the lower right corner.

Filter Favorites - Search Criteria

If you have searches on Studycast that you perform often, you have the ability to save them as Filter Favorites for quick retrieval.

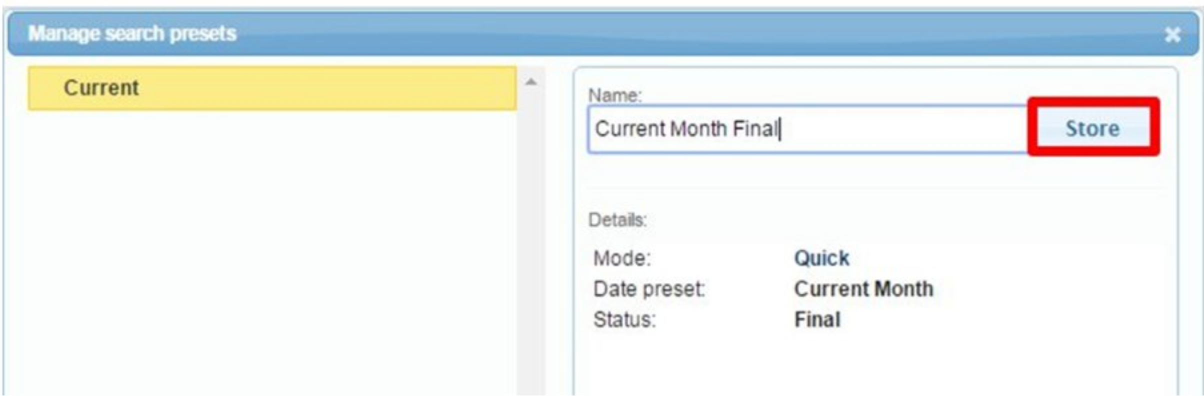
To begin, select your criteria on Studycast for the search.



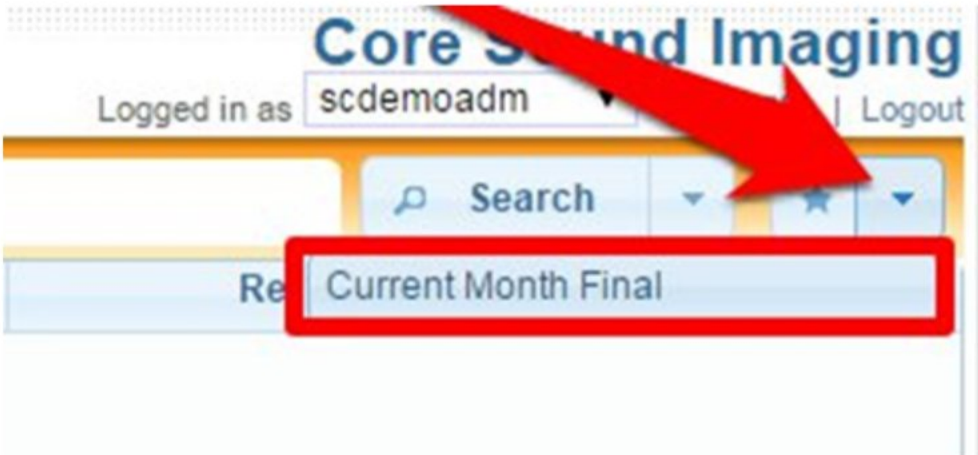


Once your search criteria is set, click on the star icon in the upper-right

This will open a window where you can give your search a name for easy retrieval. Enter a name, and click the Store button to save. You can then press OK to close the window.



Now, anytime you want to quickly apply this filter, simply click on the arrow next to the star icon, and choose it from the list.



Manage Additional Comments

In addition to the comments list editor within the worksheet, admin users can create and manage personalized statements, or comments, in the Additional comments section of the Admin Tools. Using this page, you can quickly share or remove access to comment lists across reading groups, group comments under searchable headers, and reorder or update comment lists.

Create and Manage Additional Comments

Admins can create and edit Additional Comments for each of the worksheets' Additional Comment fields. Access to comments is granted at the reading group level. To create or manage Additional Comments in the Admin Tools, select a Study type and Reading group to filter for the desired list(s). You can add additional filters by selecting a Protocol or Comment type. If comments exist for the selected filters, you will now see them listed.

To edit an existing comment:

1. Click on the desired comment to select it, and begin typing.
2. When you are finished editing, click Save at the top of the screen.

To create a new comment:

1. Enter the comment text in the field and click Add. The comment appears in the list.
2. When you are finished editing, click Save at the top of the page.

Once created, this comment will only be available for studies assigned to this reading group. If you would like to give other reading groups access to existing comments, you can use batch actions to Add access.

To add access to comments for a reading group:

1. Select the desired comment, or group of comments, and click Add access in the batch actions menu. An Add access window opens.
2. In the window, drag-and-drop the desired reading group(s) between the Add access for the following reading groups and Available reading groups lists. You can also select reading groups and use the arrows to move them between the two lists.
3. When you are finished editing, click the Add access button. The window closes.
4. When you are finished editing, click Save at the top of the page.

To remove access to comments for a reading group:

1. Select the desired comment, or group of comments, and click Remove access in the batch actions menu. A Remove access window opens.
2. In the window, drag-and-drop the desired reading group(s) between the Remove access for the following reading groups and Available reading groups lists. You can also select reading groups and use the arrows to move them between the two lists.
3. When you are finished editing, click the Remove access button. The window closes.
4. When you are finished editing, click Save at the top of the page.

To delete comments:

1. Select the desired comment(s), and select Delete in the batch actions menu. A window opens.
2. In the Confirm items deletion window, select OK.
3. When you are finished editing, click Save at the top of the page.

> Deleting a comment in the Admin Tools will also remove it from all other reading groups with access to it. If you would like to remove a comment for some (but not all) reading groups, see Remove access in the section above.

Manage User Permissions

If desired, admins can also choose to revoke the Create additional comments permission for non-admin users in their account. This permission can be managed in the Admin Tools. To learn more about user permissions, see User Types and Permissions.

Why can’t I approve studies

When a reading physician is unable to approve or sign off on a study report, here are some things to consider.

Are you a member of the Reading Group assigned to the study?

Do you have permissions to approve exams?

- Only users with the Approve study permission can approve a study. By default, only reading physicians have this permission.
- Check with your administrator to confirm you are setup as a Reading Doctor
- If you are not a Reading Doctor have your administrator, check your user permissions and verify you have the Approve Study check box selected

Have you previously been able to approve exams on Studycast?

Does the Studycast Worksheet load for you when you click on the Worksheet?

Is the Approve Button Missing from the bottom of the Studycast Worksheet?

- Check to see if the concurrent access banner is at the bottom of the page. The banner could cover the Approve button dependent on the monitor resolution.

How to Approve a Study on Studycast

How to Approve Study

Only users with the Approve study permission can approve a study. By default, only reading physicians have this permission.

To approve a study, open the worksheet and click either Approve or Approve & Next in the bottom right.

Approve: Changes the study status to Final (or Reviewed if that status is part of your workflow) and closes the worksheet, returning you to the Studies page.

Approve & Next: Changes the study status to Final (or Reviewed if that status is part of your workflow), closes the worksheet, and opens the next study assigned to you for review and approval.

If a study is incomplete and not ready for approval, you can return it to the technologist. To return it:

Click Change status & Next.

In the window that appears, change the study status to New.

Click Change.

Reading Physician Training

Welcome to Studycast Reading Physician Training. This training is designed to help you efficiently review studies, finalize interpretations, and complete reports within Studycast.

You can choose the training path that works best for you—join a live session with our team or explore on-demand resources at your own pace.

In these trainings, you'll learn how to:

- Navigate and filter studies
- Review images and cine loops
- Add findings and clinical conclusions
- Approve and finalize worksheets
- Ensure accurate and timely reporting
- Optimize your reading workflow

Choose your Training Path

Option 1: Join a Webinar

Attend a scheduled session led by a Studycast expert.

Register for a Reading Physician Webinar

- Instructor-led walkthrough of key administrative workflows
- Ask questions during the session (moderated Q&A)
- Ideal for structured learning and guided overview

Option 2: Watch On-Demand Training

Access recorded sessions anytime and learn at your own pace.

- Full walkthrough of the Technologist workflows
- Modality-specific training (echo, vascular, nuclear and OBGYN)

Watch Reading Physician Training for Echo and Vascular Studies

Watch Reading Physician Training for Nuclear Studies

Change Status & Next

If a study is incomplete and not ready for approval, you can return it to the technologist. To return it:

1. Click **Change status & Next**.
2. In the window that appears, change the study status to New.
3. Click **Change**.

The study is now available for the technologist to update. The next study assigned to you for review and approval is opened.

Sonographers / Technologists

Exported: 5/15/2026

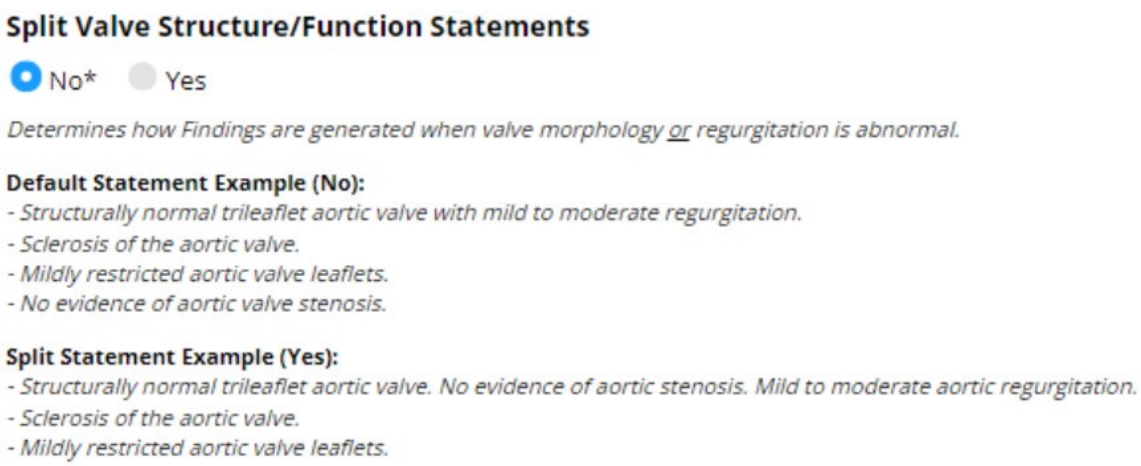
68 articles

Table of Contents

Split Valve Structure/Function Statement Option (Echo)

Studycast offers an option for your Echo worksheet and reports to either combine or split Valve Structure statements. You can use this option to enhance or condense the valve statements as desired for your Echo worksheets and reports.

To enable/disable this option, please reach out to Studycast Support at support@corestudycast.com or at 866.209.3393 x 3



Studycast Integration Program

Studycast Integration Program

With the Studycast system, you can access a seamless integration out-of-the-box with your vendor of choice — all without a lengthy, complicated setup process. Currently, the partnerships that we support provide AI data for your studies. You can integrate with as many partners as you would like.

To view our partners, navigate to the **Integration Partners** tab under **Client Settings** in the Admin tools.

Workflow

Images acquired, uploaded to Studycast, and forwarded to vendor	→	AI vendor evaluates images and sends back new data	→	New data displayed in Studycast for review and can be accepted or rejected by user

Onboard With a Vendor

Navigate to the **Integration Partners** tab under **Client Settings** in the Admin tools. You will see all Studycast Integration Partners listed on this page. Select the vendor that you would like to integrate with. This will take you to a web page with instructions to activate your integration with this vendor.

Sending to a Vendor

Studies can be forwarded to a DICOM destination, such as a vendor or a remote archive (for example: an additional PACS or VNA at your organization). Studies can be forwarded automatically upon upload via CoreGateway TM routing rules or manually from the Studies page. For more information on DICOM forwarding, see DICOM Forward.

No additional configuration is required to manually forward studies once you have activated an integration with a vendor. If you would like your studies to forward automatically, our support team can set up rules to automatically route some, or all, of your studies to the vendor.

Worksheets and Reports

If one or more additional structured report files containing new data is received by Studycast from a vendor, you will see a notification at the bottom of the worksheet.

1. Click **Show Details** in the notification to view the measurements received from the vendor.
2. The **Apply Measurements** window opens. By default, the values received from the vendor are checked. If more than one value was received for the same measurement field, the most recently received measurement will be checked by default. Ensure that the values you would like to populate in the worksheet are checked.
3. The **Re-generate findings statements** box is checked by default. If this box is left checked, the **Edit**

Findings window will open. This window allows you to edit individual findings statements impacted by the measurements that have been selected.

4. Click **OK**.
5. Selected values will populate in the worksheet.

Once the values have populated, you will see a superscript number by the value on both the worksheet and the report that corresponds with the source.

Configure Worksheet

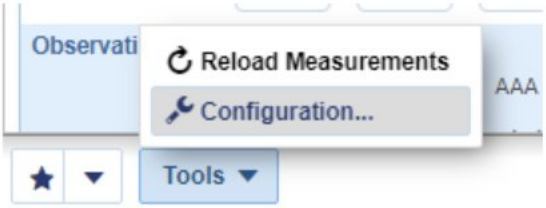
Configure Worksheet

Some worksheets can be configured to include or exclude certain items, such as vessels, observations, and measurements. Ideally, your facility will already have default configurations in place for each study type worksheet. If it does not, or if you want to change your default worksheet configuration, contact Studycast support for assistance.

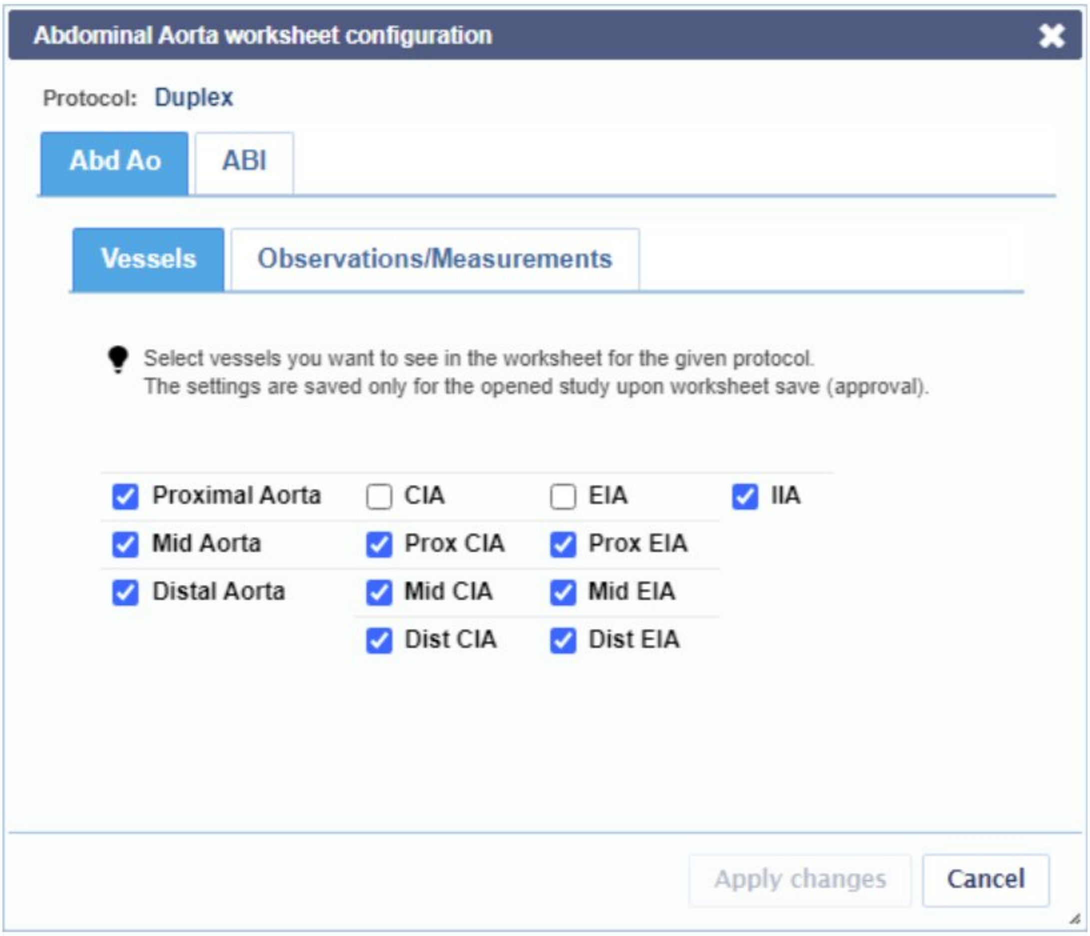
For worksheets that are configurable, you can override the default configuration for an individual study by going to **Tools > Configuration**.

To configure the worksheet:

1. Open the **Tools** menu in the bottom left of the worksheet and select **Configuration**.



The **Worksheet Configuration** window for that study type and protocol appears.



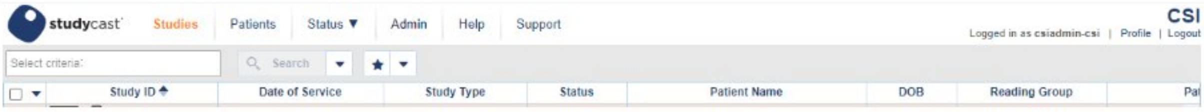
2. Items with a check are displayed on the worksheet. To hide an item, click the box to uncheck it. To include an item not currently displayed, click the unchecked box.
3. For some study types, the **Worksheet Configuration** window has multiple tabs. Click each tab to configure the items on that tab.
4. When you are finished changing the configuration, click **Apply changes**. The **Worksheet Configuration** window closes and the worksheet now displays your new configuration.

Note: When you change the worksheet configuration, your changes apply only to the study you are currently viewing. Your changes are not applied to other studies. To set a new configuration that is applied to all studies of the same type and protocol, contact Studycast support.

Search for Studies

Search for Studies

Using the search bar at the top of the Studies page, you can search for studies that meet criteria you select.



Define a search

1. On the left side of the search bar, click **Select Criteria** and select an item from the list. All columns on the Studies page are available as search criteria.
2. Enter the requested information for the item you selected. Depending on the item, you will see one of the following:
   - **Blank field:** Enter the text you wish to search for.
   - **Drop-down list:** Select the option you wish to search for.
   - **Calendar:** Select the date you wish to search for. If you want to search a range of dates, you will need to select both **Date From** and **Date To** in the search criteria.
3. Select additional search criteria if needed.
4. When you are finished selecting criteria, click the **Search** button. The Studies page now lists only the studies that meet your search criteria.

Clearing Search Criteria

To remove any item from your search criteria, click the **X** next to that item.

To clear all search criteria and return to the complete list of studies, open the drop-down menu on the **Search** button and select **Reset**.

> **Note:** If you do not reset your search, the system continues to apply the selected search criteria each time you view the Studies page. The next time you log in, the Studies page will display only those studies that meet the search criteria.

If there are searches you perform often, it can be helpful to save them as reusable filters. To learn how, see Filter the List.

Understanding Study Reports

The study report includes patient information, study findings, and conclusions as approved by the reading physician. The report can also include study images. For information about adding images to the report, see Add Images to a Report.

The report is a PDF that can be printed or saved locally. For information about printing multiple reports at once, see Print Reports.

To view a study report:

- On the Studies Page or Study Viewer, click the report icon.
- On the Worksheet, click the Report link at the top left or the Preview Report button in the bottom right

If the study is not yet approved, the report contains a “Preliminary” watermark. Once the study is approved, the watermark is no longer included in the report.

If changes need to be made after the study is approved, there are two options: reset the study status to Preliminary or add an addendum. To reset the study status, contact your admin.

Add an Addendum

To add an addendum, open the study worksheet and click on the Add Addendum button at the bottom. On the Add Report Addendum page, you can enter text in the box to explain the additions or changes. If you click Concur, a standard statement is automatically entered into the box. When you are finished with the text, click the Add Addendum button below the text box.

An addendum can only be added to a study that has been finalized. If an addendum has been added, the following note will appear in the Conclusions section of the study report: THIS REPORT HAS BEEN UPDATED; SEE ADDENDUM.

Custom Logo

Study reports can contain a custom logo. A single logo can be used for all study reports, or you can use different logos for different divisions, reading groups, or referring groups. To have a logo added to your reports, contact your admin.

Signature Image

An image file of a reading physician’s signature can be uploaded to the Studycast system and included on finalized study reports. If no signature image file is uploaded, the study report will include only the doctor’s printed name and the text: *Electronically Signed on Studycast.*

To have an image of your signature added to the reports, contact your admin.

Report Configuration Options

Studycast supports dozens of report configuration options enabling users to produce customize reports. Many report fields can be altered, and configurable options are available for:

- Overall Report Layout
- Logo Options
- Accreditation Seals
- Header Layout
- Patient Name Options

- Conclusions & Physician Signature
- Patient Addendum
- Footer Options

Edit Study Properties

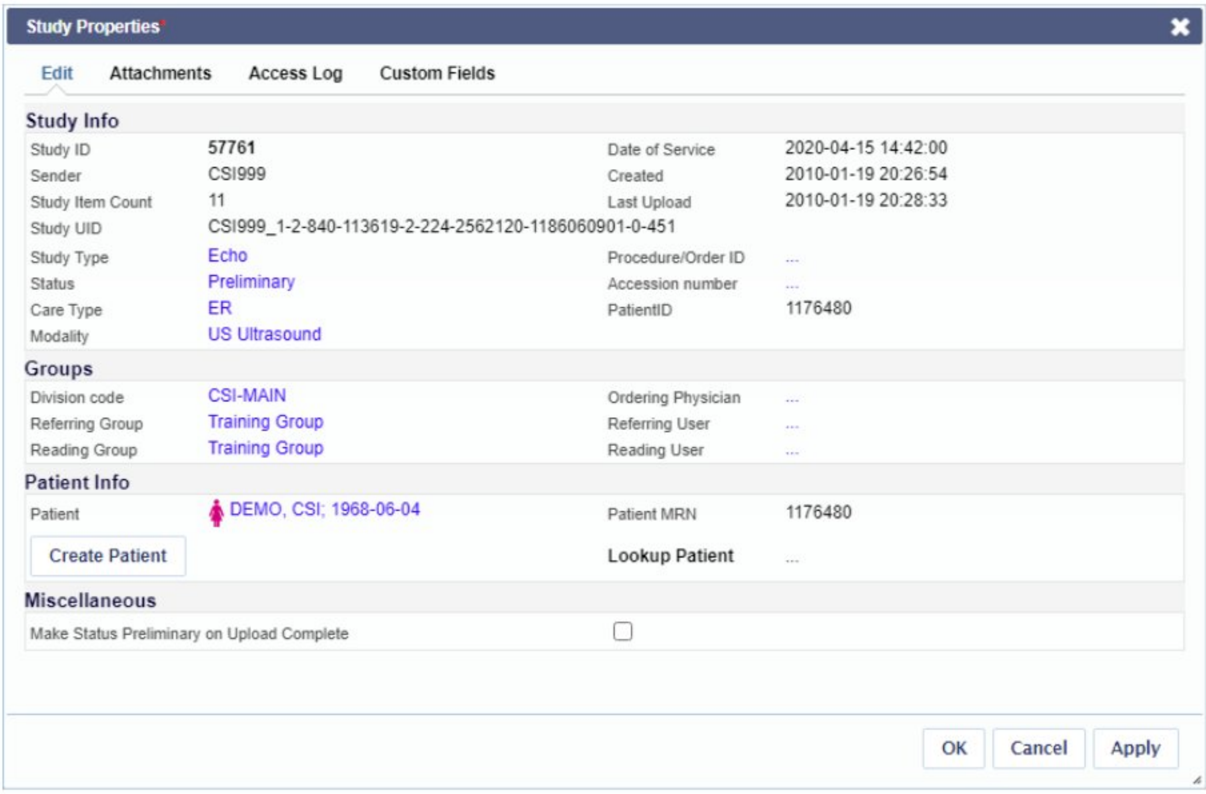
Edit Study Properties

See this article in [Studycast Help]

The **Study Properties** window displays information associated with the selected study.

View or Edit Properties for a Single Study

To view or edit the properties for a single study, click the Study ID on the Studies page. The **Study Properties** window opens.



This window contains four tabs:

Edit: Displays the Study Info, Groups, Patient Info, and an option to make status preliminary on upload complete, which only applies if studies are uploaded with the CoreGateway™ uploader. Some text can be edited. To edit, click the text. Empty fields display dots (**...**). Click the dots to enter text.

Attachments: Lists the study's attachments. To add an attachment, click **Attach file**.

Access Log: Displays the list of actions performed on the selected study. Other columns indicate the date and time, user, IP address, and location, along with additional information about the action performed. This tab is available only to users with administrative access.

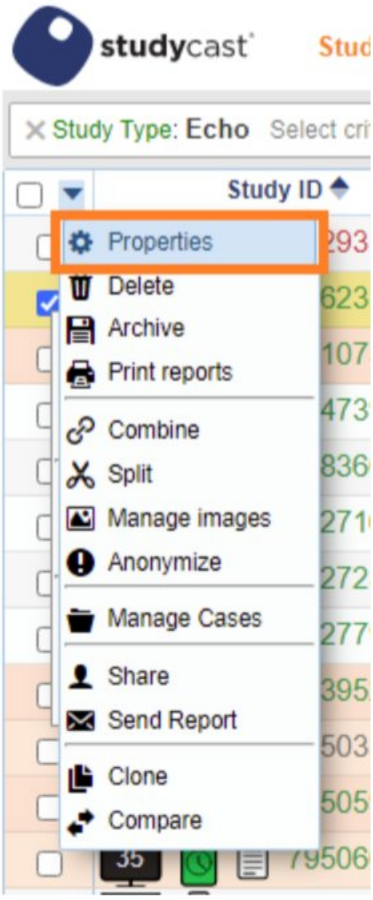
Custom Fields: Columns that display custom fields can be added to your Studies page. To set up custom fields, [contact Studycast support]. If you have custom fields, they are listed here. Data can be entered into these fields only from this tab. To enter data, click the dots (**...**).

View or Edit Properties for Multiple Studies

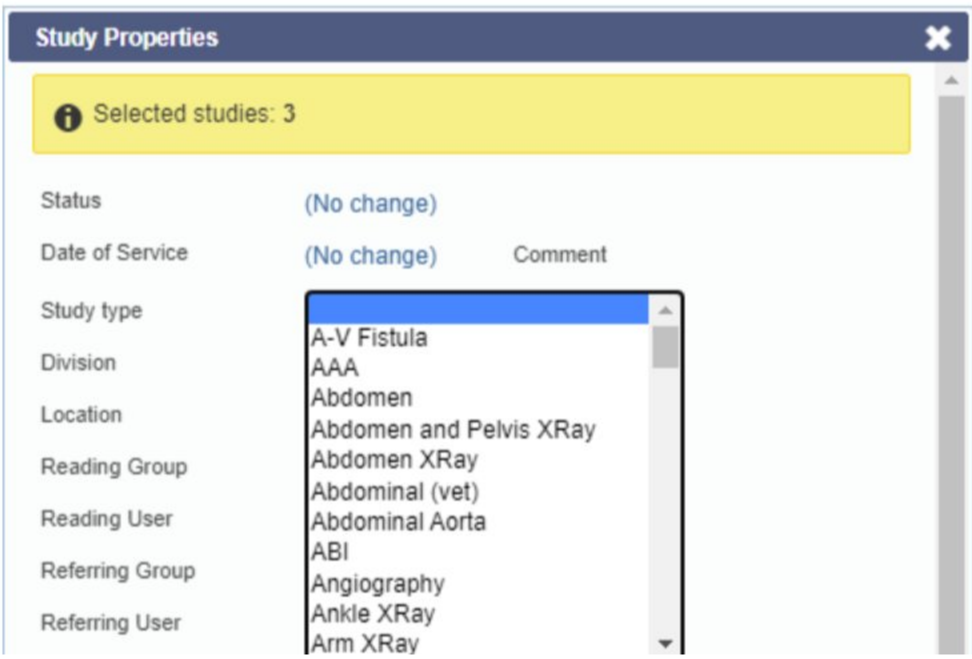
View or Edit Properties for Multiple Studies

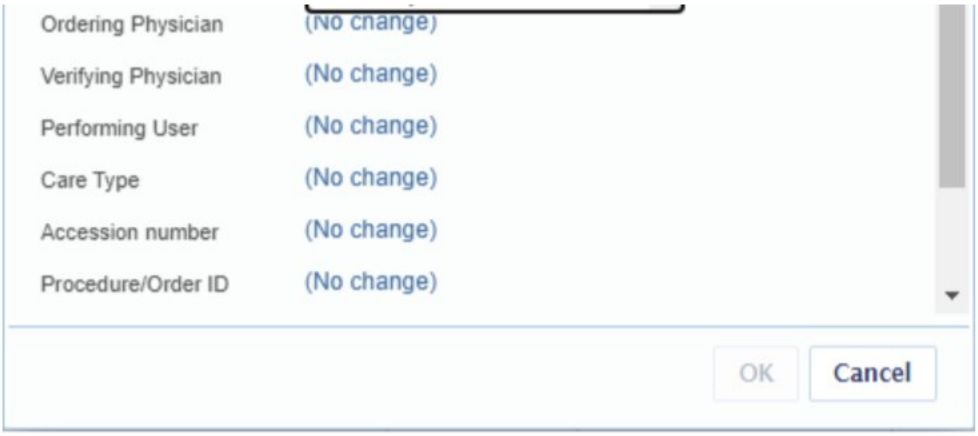
To edit the properties for multiple studies, start from the Studies page.

1. Click the check box next to each study you want to edit.
2. Click the down arrow at the top of the check box column. In the menu that appears, select **Properties**.



The **Study Properties** window opens. It displays only the properties you can change for all selected studies.





3. To change a property, click **No change** and select a different option. If you change the date of service, you can enter a comment to explain the change. If a study's status is Final, you cannot change the Reading Group, Reading User, Referring Group, or Referring User.

4. To apply your selections, click **OK**.

Edit Study Properties

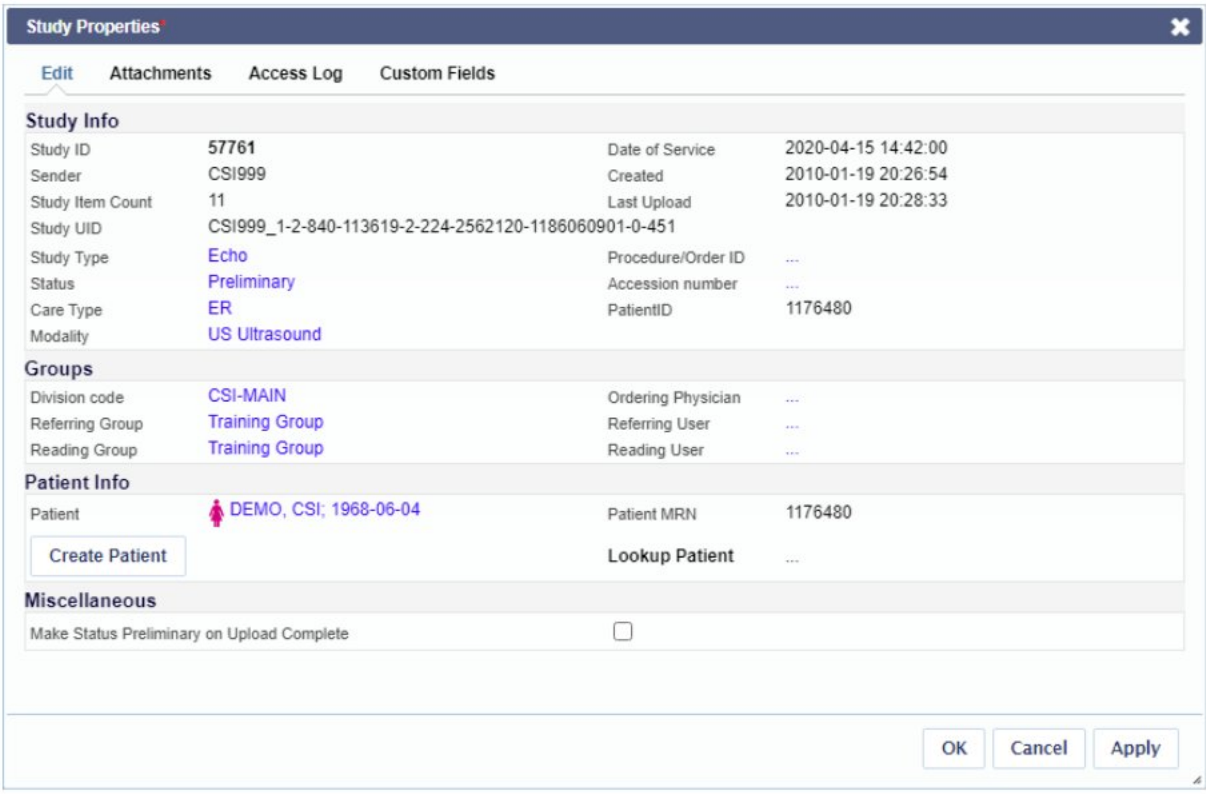
Edit Study Properties

See this article in [Studycast Help]()

The **Study Properties** window displays information associated with the selected study.

View or Edit Properties for a Single Study

To view or edit the properties for a single study, click the Study ID on the Studies page. The **Study Properties** window opens.



This window contains four tabs:

Edit: Displays the Study Info, Groups, Patient Info, and an option to make status preliminary on upload complete, which only applies if studies are uploaded with the CoreGateway^{TM} uploader. Some text can be edited. To edit, click the text. Empty fields display dots (**...**). Click the dots to enter text.

Attachments: Lists the study's attachments. To add an attachment, click **Attach file**.

Access Log: Displays the list of actions performed on the selected study. Other columns indicate the date and time, user, IP address, and location, along with additional information about the action performed. This tab is available only to users with administrative access.

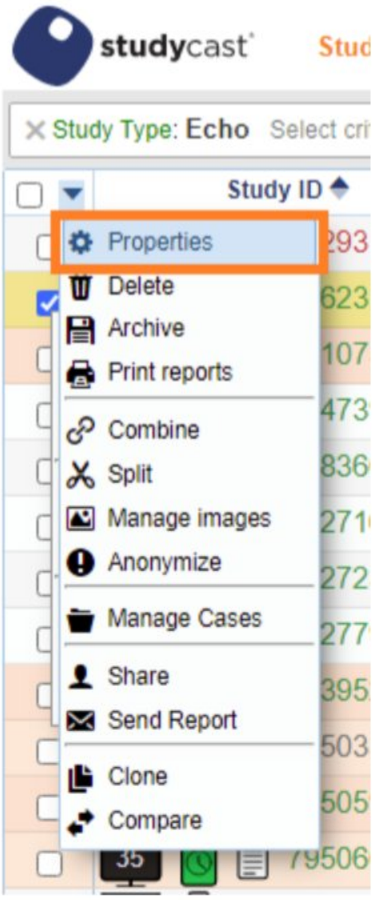
Custom Fields: Columns that display custom fields can be added to your Studies page. To set up custom fields, [contact Studycast support](). If you have custom fields, they are listed here. Data can be entered into these fields only from this tab. To enter data, click the dots (**...**).

View or Edit Properties for Multiple Studies

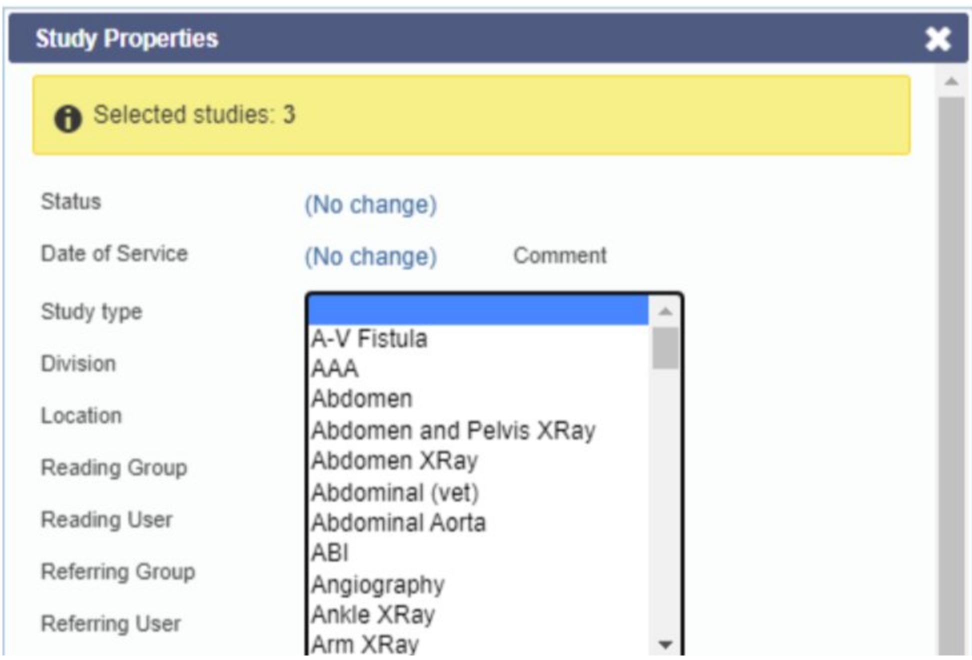
View or Edit Properties for Multiple Studies

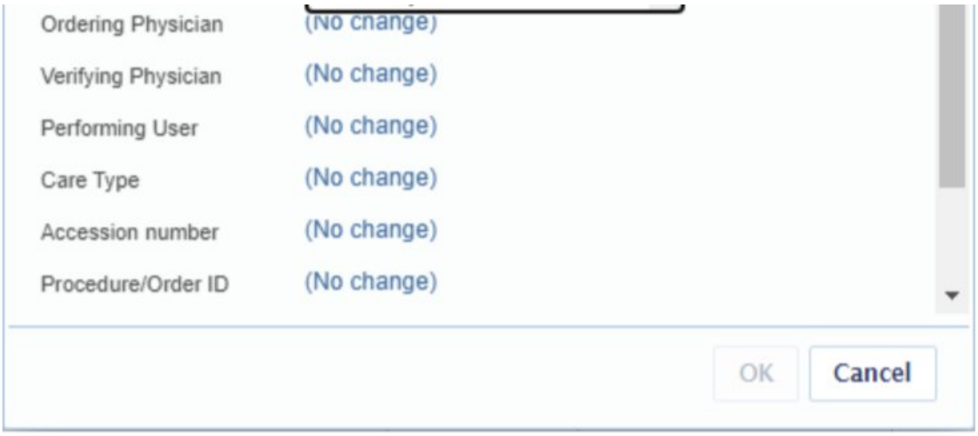
To edit the properties for multiple studies, start from the Studies page.

1. Click the check box next to each study you want to edit.
2. Click the down arrow at the top of the check box column. In the menu that appears, select **Properties**.



The **Study Properties** window opens. It displays only the properties you can change for all selected studies.





3. To change a property, click **No change** and select a different option. If you change the date of service, you can enter a comment to explain the change. If a study's status is Final, you cannot change the Reading Group, Reading User, Referring Group, or Referring User.
4. To apply your selections, click **OK**.

Measure an Image

Measure an Image

The measuring tools calculate distances and areas on a still image or paused frame of a loop that you identify. The measurements and calculations can be saved to the Worksheet.

- Length: Allows the user to measure length along a straight line.
- Angle: Allows the user to measure an angle.
- Elliptical ROI: Allows the user to measure an elliptical area.
- Rectangular ROI: Allows the user to measure a rectangular area.
- Custom Polygon ROI: Allows the user to define and measure the area of a custom polygon.
- Delete Measurements: Deletes measurements from the item in the viewing pane.
- Measurement Calibration: Allows the user to calibrate manually if an item does not have the necessary calibration information from the modality.
- Calculations: Allows the user to take measurements that the software will use to calculate velocity, pressure gradient, pressure half time, velocity time integral, ejection fraction, and time on Doppler images. For more information, see Generate Calculations.

If an image does not contain the necessary calibration information from the modality, you must calibrate manually before you can take any measurements. For calibration instructions, see Calibrate Manually.

Measure Length

In the measurement tools menu to the left of the viewing pane, select the Length tool.

1. Click the point in the image where you want the distance measurement to begin.
2. Move the cursor to draw a line across the distance you want to measure.
3. Click to define the end point of the line. The distance is displayed next to the line.

Measure an Angle

In the measurement tools menu, select the Angle tool.

1. Click to place the angle on the image. The measurement is displayed in degrees next to the angle.
2. To move the sides of the angle, click a handle and drag it.

NOTE: It is possible to separate the sides of the angle so that they no longer meet in a point. This option allows for greater flexibility in measuring angles. To separate the sides, grab and drag the handle at the vertex.

Measure Area

To measure the area of a region of interest (ROI), select Elliptical, Rectangular, or Custom Polygon ROI.

1. Draw your shape.

- Elliptical ROI: Use this option to draw an oval or circle. Click on the image and use your cursor to draw. To adjust the shape, click and drag the handles.
- Rectangular ROI: Use this option to draw a rectangle or square. Click on the image and use your cursor to draw. To adjust the shape, click and drag the handles.

- Custom Polygon ROI: Use this option to draw a custom shape. Click to define the first corner. Move the cursor to the location of the next corner and click again. Click once for each corner of the shape. Double click to close the shape.

1. The area is displayed next to the shape.

Delete Measurements

To delete measurements,

1. Select the tool for the type of measurement you want to delete (Length, Angle, Elliptical ROI, Rectangular ROI, or Custom Polygon ROI).
2. Click the Delete Measurements button.
3. Click on each measurement you want to delete.

Create a New Study

Create a Non-Image Study and Attach Files

It can be useful to create a study in the Studycast system that does not contain images but does have attachments, such as EKG or Holter information. To create a non-image study with attachments, start from the Studies page.

1. In the bottom left corner of the Studies page, click the New Study button.
2. In the Create New Study window, enter the required information, including study type, assigned physicians, and patient information.
    - To enter information, click the text you want to edit or the dots for an empty field (…).
    - If the patient is already in the Studycast system, click the dots (…) next to Lookup Patient. If the patient is not in the Studycast system, click the Create Patient button to add the patient.
3. Click the Attach file button.
4. Then locate and select the file you want to attach.
5. Click the Create button to create the new study with the file attached.
    - To enter a description for the attachment, click the dots (…) and enter text.
    - To make the attachment private, click No in the Private column and select Yes from the drop-down options.

If you want to save your selections as default values, click the Save default values button. If you manually create a lot of studies, saving default values, such as study type, division, and reading group, can save you time. These values automatically populate the Create New Study window when you click New Study.

Note: By default, only admins and sonographers/technologists have permission to create new studies manually. If you need for this permission to be added to your account, contact your admin.

See Studycast Help for more information on manually creating a study.

Print Reports

Print Reports

You can print multiple study reports at a time from the Studies page. To print reports,

1. Check the box next to each study you want to include.
2. Click the arrow at the top of the check box column. In the menu that opens, select

   Print reports.

   - The **Prepare reports for printing** window opens. If any studies you selected do not have a report, they are listed here.
3. Click the **Prepare** button to generate the PDF. A single PDF is created. This PDF contains all the reports you selected.

> ⓘ Please note you can print a maximum of 100 reports at a time.

Not Visualized Vessels

The Venous LE, Arterial LE, and Abdominal Aorta worksheets provide users with an easy method to mark vessels as “not visualized”. This functionality can be used to indicate that a vessel was looked for but was not visualized.

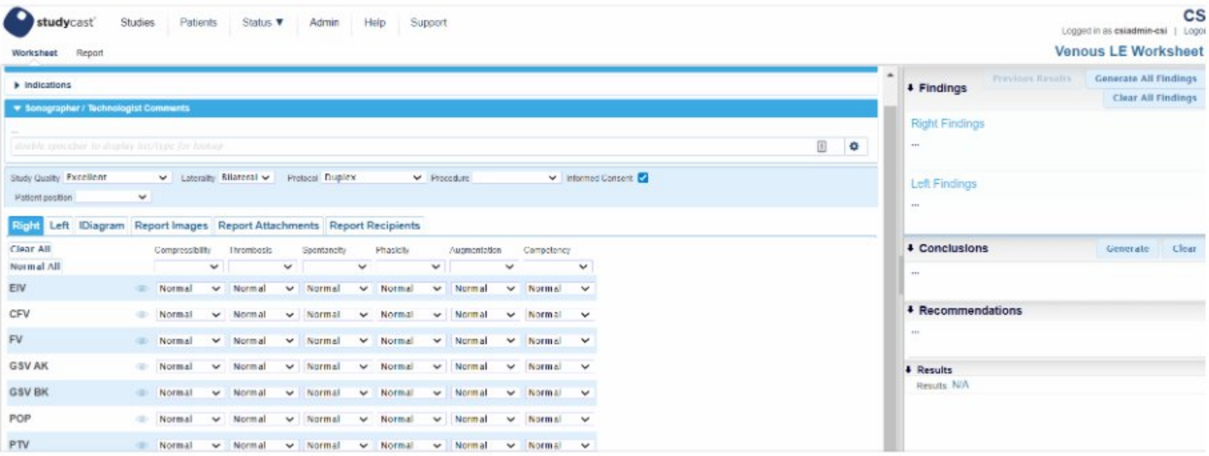
> **Note:** “Not visualized” should not be used in the same capacity as an “inconclusive” result. Please use the observations dropdown fields to mark vessels “inconclusive”.

To use this feature, navigate to any of the supported worksheets and find the eye icon, which is located to the right of the vessel label.

This icon toggles between two states, which are shown in the table below.

Icon	State	Description
	inactive	When the icon is inactive, it has no impact whatsoever on your worksheet or report. This is the state you will see by default in the worksheet.
	active	When the icon is active, it indicates that the vessel was looked for, but was not visualized. It will lock the row of observations for the designated vessel, and will be reflected in the Findings statements, as well as the study report.

The eye icon will default to an inactive state.



Marking a vessel as “not visualized”:

Click on the inactive eye icon (

). The icon will now be in an active state (

). This will clear and lock the entire row of observations (dropdowns) for the vessel.

To see this reflected in your **Findings** statements, click **Generate All Findings**. The statements will now reflect that the vessel was not visualized.

In the study report, vessels marked “not visualized” will now appear in the observations and measurements table as **N.V.** or **Not visualized**.

LEFT

	Compressibility	Thrombosis	Spontaneity	Phasicity	Augmentation	Competency	Reflux Time (s)	AP (mm)	PV (cm/s)
CIV	Not visualized	Not visualized	Not visualized	Not visualized	Not visualized	Not visualized	N.V.	N.V.	N.V.
IIV						Absent	777	555	111

To remove a vessel’s status of “not visualized”:

Click on the active eye icon (

). It will now be in an inactive state (

), and the row of observations will no longer be locked.

To see this reflected in your **Findings** statements, click **Generate All Findings**. The statements will no longer reflect that the vessel was marked “not visualized”.

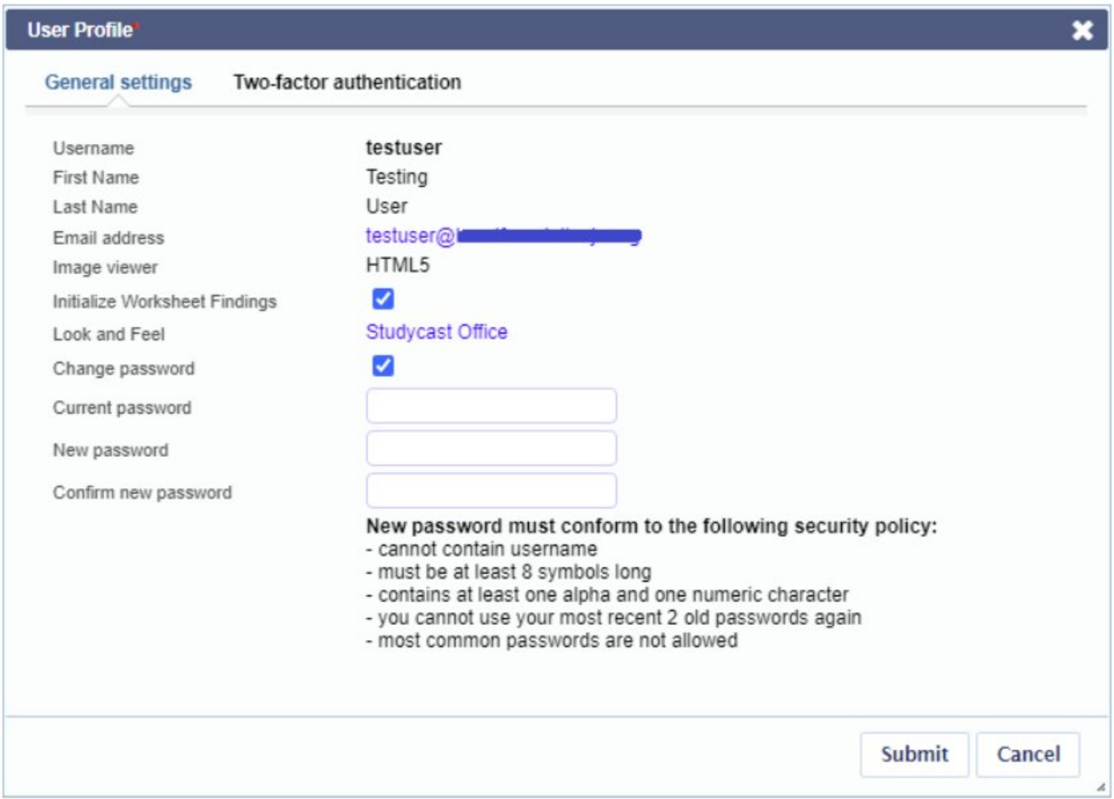
Change Password

Change Password

Note: The system will not allow you to use a password that is on the list of Prohibited Passwords.

To change your password:

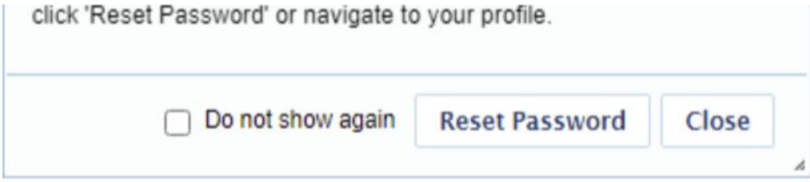
1. On the Studies page, click **Profile** in the top right corner.
2. In the **General settings** tab, check the **Change password** box.



3. Enter your old password. This is the password you used to log into the Studycast system today.
4. Enter a new password that conforms to the security policy listed at the bottom of the window.
5. Enter the new password a second time to confirm.
6. Click **Submit**.

Your password has been changed. Use the new password the next time you log into the Studycast system.

The Studycast system will remind you your password is about to expire beginning 5 days prior to your password expiration date.



To change your password immediately click **Reset Password** in the dialog or click **Close** to change at a later time.

Manage Cases

See this article in Studycast Help

In Studycast, cases allow you to group studies when they belong to a single pregnancy.

Cases apply to Obstetric, Fetal Echo, and Fetal Non-Stress Test study types, and allow you to:

- Populate the EDD from the previous Obstetric study in the pregnancy
- Plot the EFW and other relevant values from previous studies in a case
- Enable in-worksheet access to the Compare function for studies in a case

Note: The Studycast Advisor prompts you when the study you are working on should be added to a case or used to create a new case. The workflow described below outlines an alternative way to manage cases. To learn more about the Advisor functionality, visit the Studycast Advisor page. To learn more about using the Advisor to manage cases, visit Studycast Advisor for Obstetric.

On the Studies page, you can add multiple studies for the same patient to a case. Once you have created a case, the case will be available on the patient's current study as a reference.

Open the Manage Cases Window

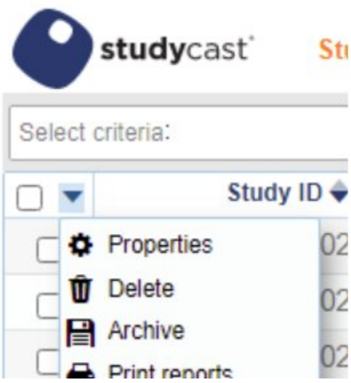
You can manage cases from the Obstetric worksheet or from the Studies page.

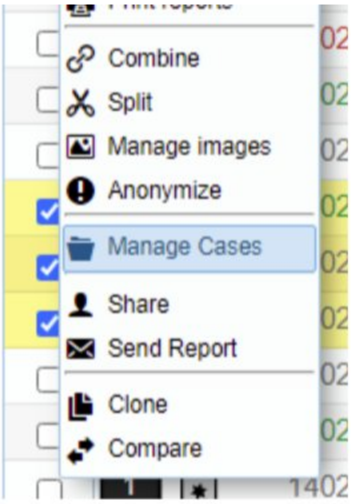
On the worksheet:

1. Click the **Patient Cases** button, located in the **Studies in a Case** section of the worksheet. The **Manage Cases** window opens.

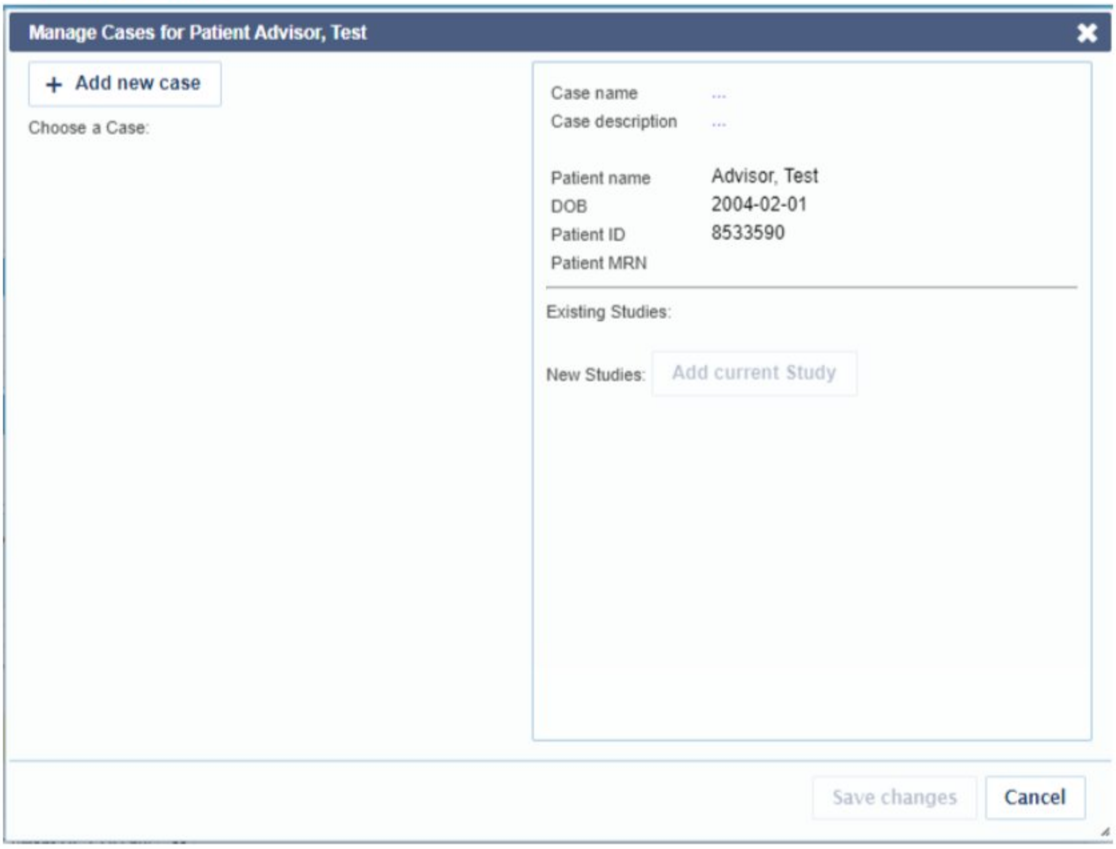
On the Studies page:

1. Search for studies by patient name. Only studies with the same patient name can be added to a case. For help with the search, see Search for Studies.
2. In the search results, check the box next to each study you want to add to the same case.
3. Click the down arrow at the top of the check box column. In the menu that opens, select **Manage Cases**.





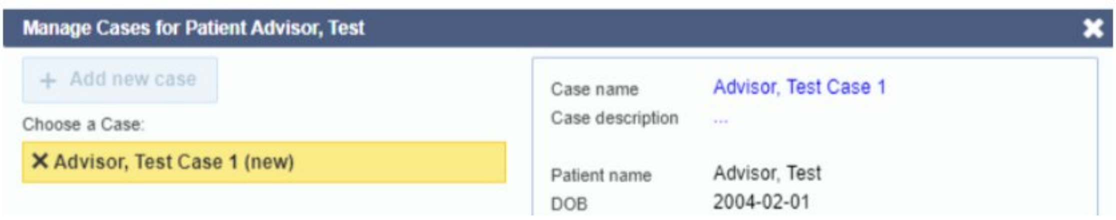
The **Manage Cases** window opens.



Create a New Case

To create a new case:

1. In the **Manage Cases** window, select **+ Add new case**. A new case is added and the name is generated automatically.



2. To rename the case, click the existing name (in blue text, next to **Case name** on the right side of the window) and type a name.
3. To add the studies you selected on the Studies page to this case, click the **Add selected Studies** button. The studies you selected appear under the button.
4. At the bottom of the list of new studies is a blank row. To find additional studies to add, click the dots (**…**). All of this patient's Obstetric, Fetal Echo, and Fetal Non-Stress Test studies appear in a drop-down list. Select a study to add it to this case.
5. Click **Save Changes**.

Add Studies to an Existing Case

The left side of the **Manage Cases** window lists cases that already exist for the selected patient. To add studies to an existing case:

1. Select the case from the list on the left. The box on the right lists existing studies that are already associated with the selected case.
2. To add the studies you selected on the Studies page to this case, click the **Add selected Studies** button. The studies you selected appear under the button.
3. At the bottom of the list of new studies is a blank row. To find additional studies to add, click the dots (**…**). All of this patient's Obstetric, Fetal Echo, and Fetal Non-Stress Test studies appear in a drop-down list. Select a study to add it to this case.
4. Click **Save Changes**.

Save List

Save a List of Studies

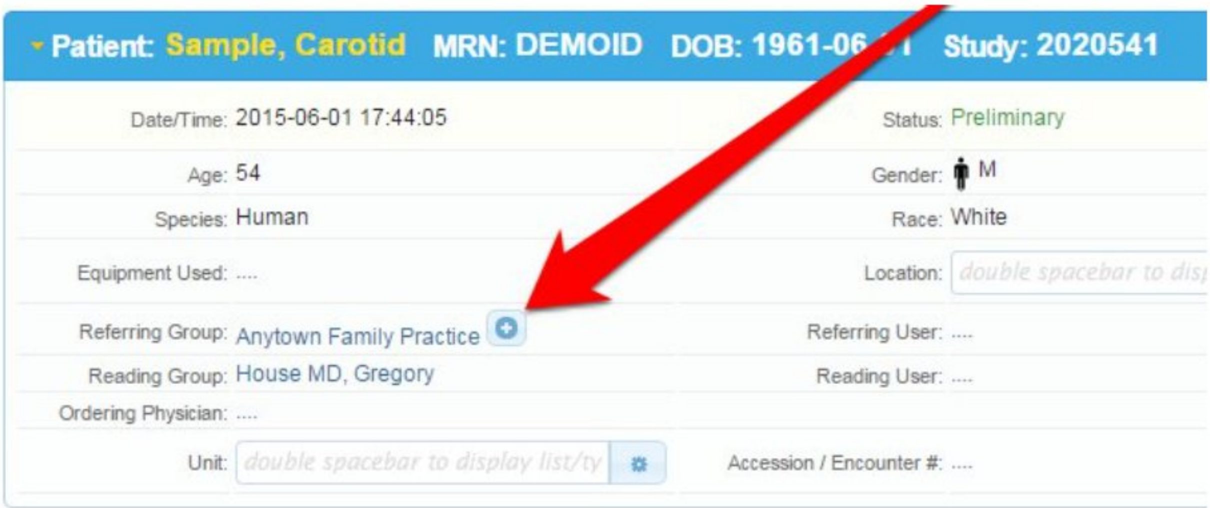
You can save a list of studies from the Studies page in PDF, HTML or CSV format to your computer or network. To save a list press the Save List button in the bottom-left corner of the Studies page. For more information on using Save List see Studycast Help

Add Referring Group

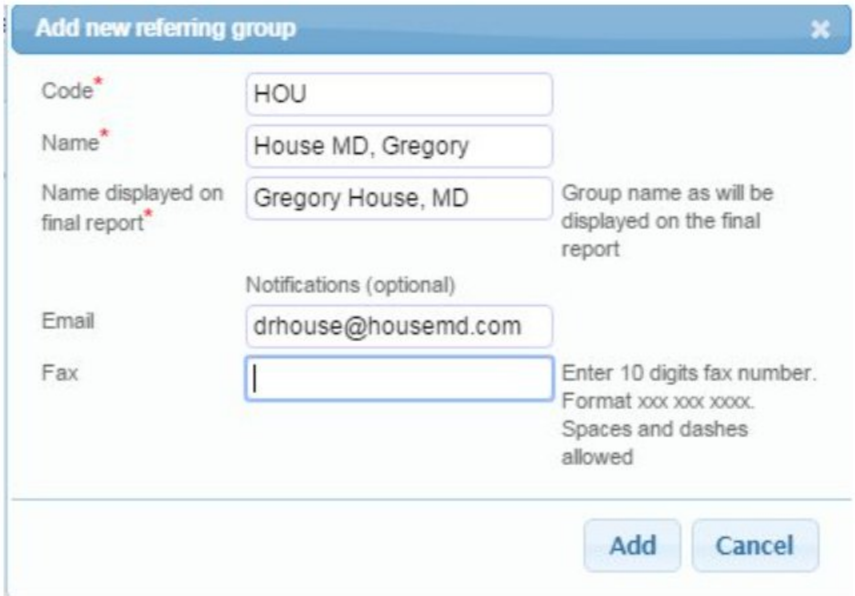
Add Referring Group

Sonographers have the ability to add new Referring Groups directly from the study worksheet.

- Open the study worksheet
- In the Patient area click on the + icon in the Referring Group area



- Fill in the Referring physicians information, including an appropriate 3-4 letter code for the doctor, and the email address or fax number if they would like their final reports automatically delivered on approval.



Administrators can also add/edit Referring Groups from the Admin tab. See detailed information in Studycast Help

Flagging Images

Sometimes, it can be useful to flag certain images and loops so they can be located quickly. To flag an item in the Study Viewer:

1. Navigate to an item you want to flag.
2. In the upper right corner, click the Flag icon. The flagged item is highlighted in the menu of thumbnails to the left of the viewing pane.

You can flag as many items as you like.

To view only the items you've flagged, click the **Flag** icon to the left of the viewing pane. The list of thumbnails now includes only flagged images.
To return to the full list of items, click the Flag icon to the left of the viewing pane again.

Change Study Type

Change Study Type

See this article in [Studycast Help]

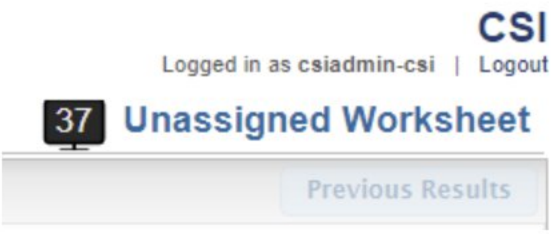
If the study type is incorrect or is listed as Unassigned, you can change it on the Studies page or the Worksheet.

Studies Page

1. Click the study ID to open the **Study Properties** window.
2. Click the study type text and select the correct study type from the drop-down list.
3. Click the **OK** button.

Worksheet

1. Click the study type in the top right corner.



2. In the **Change Study type** window, select the correct study type from the drop-down list.
3. Click the **Change** button and then the **Confirm** button.

Batch Actions

View or Edit Properties for Multiple Studies

You can make changes to multiple studies at once on Studycast using the Group Action feature. This is useful if you want to change the Study Type or assigned reading physician on multiple studies at once, instead of modifying each individually.

To edit the properties for multiple studies, start from the Studies page.

1. Click the check box next to each study you want to edit.
2. Click the down arrow at the top of the check box column. In the menu that appears, select Properties.
    - The Study Properties window opens. It displays only the properties you can change for all selected studies.
3. To change a property, click No change and select a different option. If you change the date of service, you can enter a comment to explain the change. If a study's status is Final, you cannot change the Reading Group, Reading User, Referring Group, or Referring User.
4. To apply your selections, click OK.

Grid Setup

Grid Setup

The Studies page can be configured to display only the columns you want in whatever order you choose. Y
To configure the Studies page,

Click the Grid Setup button Grid Setup button in the lower right corner of the Studies page.

The Select columns window appears.

The left side of the window lists columns that are currently displayed in the Studies page. The right side list

- Reorder Columns: To reorder the columns on the Studies page, click and drag each column you would
- Remove Columns: To remove a column so that it does not appear on the Studies page, click the minus
- Add Columns: To add a column to your Studies page that is not currently displayed, click the plus sign r a different spot in the list.

Click OK to apply your changes and close the window.

Update Your User Profile

To update your user profile, click Profile in the top right of the Studies page. The User Profile window opens, and the General settings tab is selected by default.

Email address

To change the email address associated with your user profile, click the address and begin typing. Then click Submit.

Image viewer

The HTML5 is the default version of the viewer and provides better performance and greater compatibility across devices and operating systems.

Initialize Worksheet Findings

Uncheck this option to disable the automatic generation of Findings statements when a worksheet is first opened.

Look and Feel

Click to choose a different theme.

- Office: Designed for viewing in a typical, well lighted office setting
- Viewing Station (dark): Studycast dark mode / dark theme was designed for viewing in a traditional viewing station or other low-light environment

Change Password

To change your password:

1. On the Studies page, click Profile in the top right corner.
2. In the General settings tab, check the Change password box.
3. Enter your old password. This is the password you used to log into the Studycast system today.
4. Enter a new password that conforms to the security policy listed at the bottom of the window.
5. Enter the new password a second time to confirm.
6. Click Submit.

Your password has been changed. Use the new password the next time you log into the Studycast system.

Delete Browser Data

When checked, Studycast platform data (including cookies, cached images and files, and settings) will be deleted upon user logout.

Two-Factor Authentication

In this tab, you can enable and set up Two-Factor Authentication (2FA), which provides additional security for your Studycast account by requiring users to enter an access code at login in addition to the username and password. For more information, see Two-Factor Authentication.

Apply Presentation States

By default, presentation states display in the Viewer. Uncheck Apply Presentation States in a user's profile to disable displaying presentation states by default

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Configure the Patients Grid

The Patients page can be configured to display only the columns that are relevant to you in whatever order you choose. Your configurations are specific to your username and do not affect other users.
To configure the Patients page:

1. Click the Grid Setup button in the lower right corner of the Patients page. The Select columns window appears.
    a. The left side of the window lists columns that are currently displayed in the Patients page. The right side lists columns that are not currently displayed.
    b. To reorder the columns on the Patients page, click and drag each column you would like to move to a different spot in the list.
    c. To remove a column so that it does not appear on the Patients page, click the minus sign next to that column's name in the left side of the window. Removing a column from your Patients page view does not affect the data. You can restore the column to your Patients page at any time.
    d. To add a column to your Patients page that is not currently displayed, click the plus sign next to the column name in the right side of the window. The added column appears at the bottom of the list on the left side of the window. Click and drag it to move the column to a different spot in the list.
2. Click OK to apply your changes and close the Select columns window.

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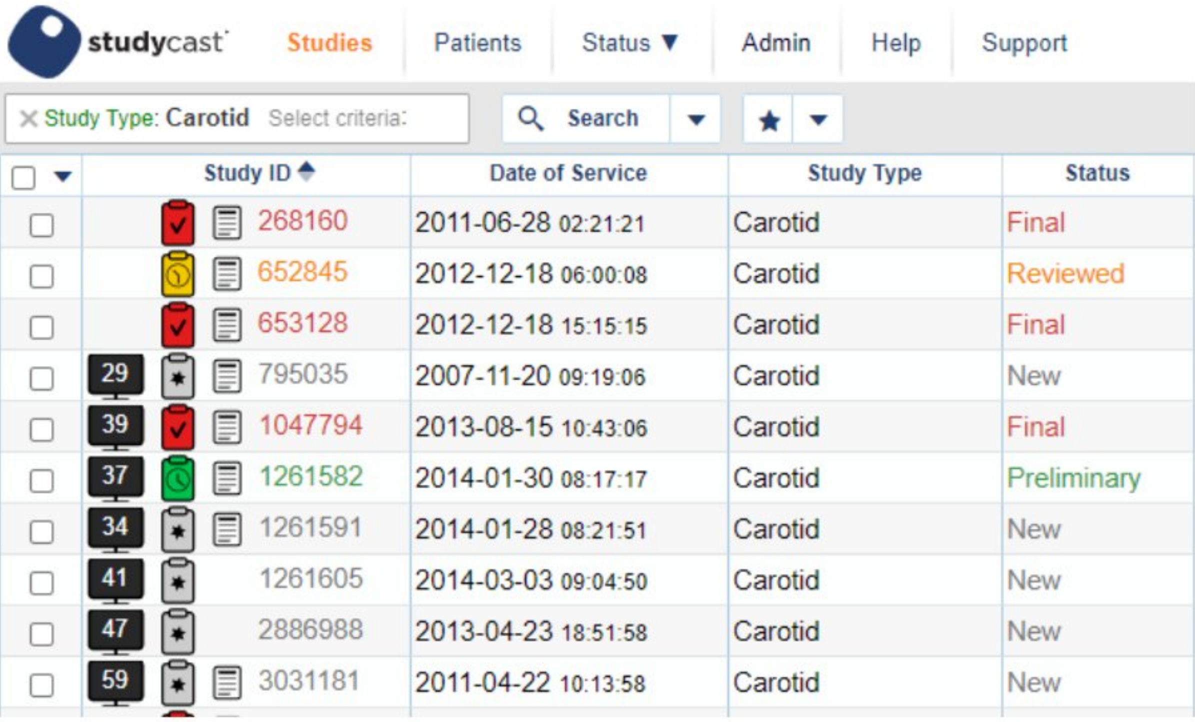
    d. To add a column to your Patients page that is not currently displayed, click the plus sign next to the column name in the right side of the window. The added column appears at the bottom of the list on the left side of the window. Click and drag it to move the column to a different spot in the list.
2. Click OK to apply your changes and close the Select columns window.

Studies page

When you log into the Studycast system, the Studies page is displayed. This page lists all studies that have been or are currently being uploaded to the Studycast system which you are authorized to view. The list includes only those studies you are authorized to view.



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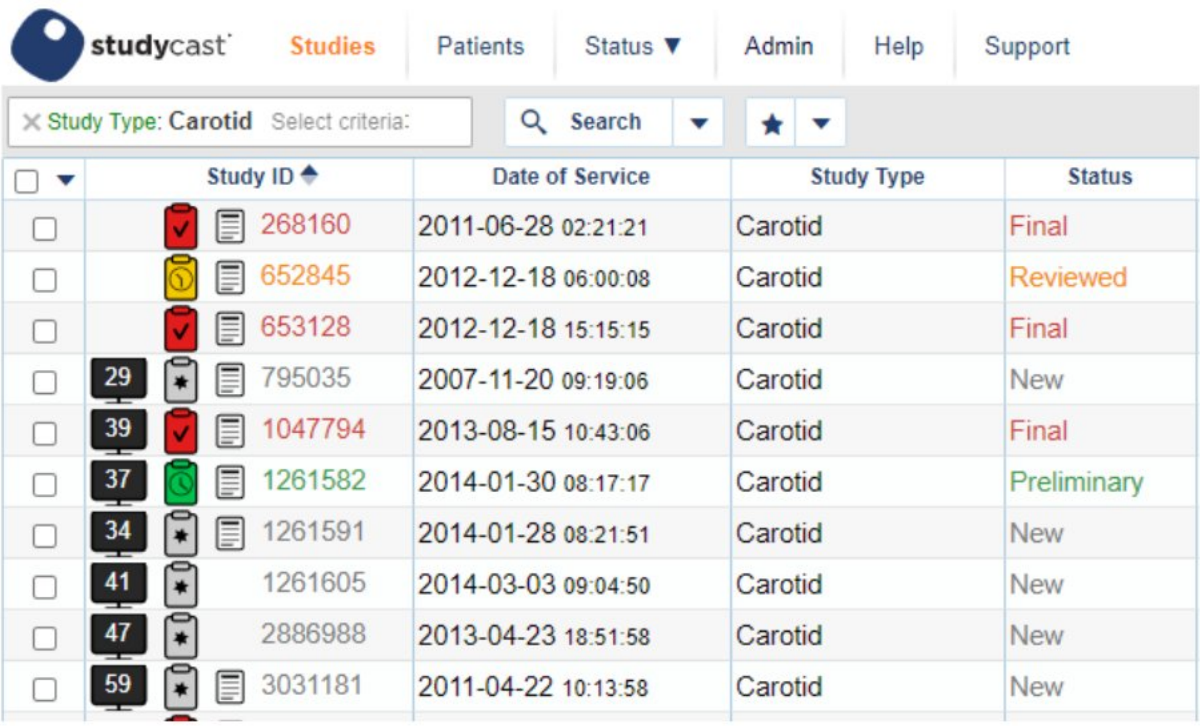


The grid lists each study in a separate row. Several icons appear in the Study ID column.

- The Study View icon displays the number of images in the study. Click this icon to view the images in the Study Viewer.
- The Worksheet icon is color coded according to the status of the study. Click this icon to open the Studycast worksheet.

> ⓘ For more information on status colors, see the Study Status Color Coding section below.

- The Report icon is displayed only when a report has been generated for the study. The report may be preliminary or final depending on the status of the study. Click this icon to view the report.

Other columns display information associated with the study. You can choose which columns appear in the grid and in what order. For information about configuring the columns, see Configure the Grid.

Explanation of all Studies Page grid columns

- Study ID: Unique numerical identifier the Studycast system assigns to a study when it is uploaded.
- Original Study ID: Identifies the original study from which a clone was created.
- Date of Service: Displays the date the study was performed in Year-Month-Date (YYYY-MM-DD) format.
- Status: Displays the current status of the study (Uploading, New, Preliminary, Reviewed, or Final). For an explanation of the color codes, see Study status color coding.
- Study Type: The Studycast worksheet type currently assigned to the study. The study type should correspond to the type of exam performed on the patient.
- Study Protocol: Selected protocol for type of exam performed. For example, a Venous LE study can have a protocol of Insufficiency, Duplex, Reflux, or Post Ablation.
- Study Description: If the user has entered a description for the study (not available on all worksheets), it is displayed here.
- Sender: ID signifying the server or PC from which a study was uploaded to the Studycast system.
- Division Code: This code is used to assign studies to divisions automatically. This code cannot be changed.
- Division Name: Name of the division a study is assigned to in the Studycast system. The division name can be changed.
- Patient Name: Patient's name (Last, First).
- Patient ID: Medical Record Number, or another unique identifier for the patient.
- DOB: Patient's date of birth in Year-Month-Date (YYYY-MM-DD) format.
- Reading Group: Name of physician (or group of physicians) assigned to read the study.
- Reading User: If the Reading Group selected has multiple members, the Reading User field can be used to select a specific physician from that group.
- Referring Group: Name of physician (or group of physicians) who referred the study.
- Referring User: If the Referring Group selected has multiple members, the Referring User field can be used to select a specific physician from that group.
- Ordering Physician: A secondary referring field where you can select another provider to also receive a copy of the final report.
- Performing User: Initials sent by the modality to identify the sonographer/technologist.
- Approved By: Name of the physician who approved the study.
- Approved Date: Date the study was approved by the reading physician.

- Care Type: When enabled, Care Types allow you to categorize studies to trigger visual cues at set intervals.
- Location: Site-specific location where a study was performed.
- Procedure: Displays the procedure selected on the worksheet for a study: Complete, Limited, Duplex, etc. This option is available only on ultrasound studies.
- Modality: Displays the modality, which is captured when the study is uploaded. The modality can be changed on the Worksheet.
- Accession / Encounter #: Displays the accession or encounter number uploaded with the study.
- Verified Date: Date the study was verified (only applies to Studycast accounts that use the Verifying Physician functionality).
- Verified By: Name of the reading group assigned to verify the study (only applies to Studycast accounts that use the Verifying Physician functionality).
- Verifying Physician: Name of physician who verified the study (only applies to Studycast accounts that use the Verifying Physician functionality).
- Procedure Code: Displays the procedure code for the study.
- Diagnosis Code: Displays the diagnosis code for the study.

Study status color coding

Each study is color coded to indicate its status. The color coding is applied to the Worksheet icon, Study ID, and Status.

- New (Optional) - Grey : The study has been uploaded but is not yet available for the reading physician. The technologist may enter information in the worksheet and then set the status to Preliminary. Once the status is Preliminary, the study will be available for the reading physician. NOTE: This status is optional and might not be applicable in your implementation of the Studycast system.
- Preliminary - Green : The study is ready for the reading physician to review.
- Reviewed (Optional) - Yellow : The reading physician has approved the study, and a report has been generated, but it has not been assigned to the referring physician. This status allows for another user to view the report before it is sent to the referring physician or other final destination, or a second physician to verify the study before the report is finalized. NOTE: This status is optional and might not be applicable in your implementation of the Studycast system.
- Final - Red: The study has been approved by the reading physician, and the final report has been generated.

Preset Favorites

Users can create templates of frequently used worksheet entries with preset favorites. For example, a user can create a preset to enter the observations, findings, and conclusions text for a "normal" exam and repeatedly apply this preset to different studies.

A preset favorite can use the following elements:

- Observations
- Findings
- Conclusions
- Study Description
- Indications
- Sonographer/Technologist Comments
- Study Quality, Protocol, and Procedure dropdowns
- Recommendations

Presets can be available to all protocols or limited to a specific protocol (when applicable to the study type).

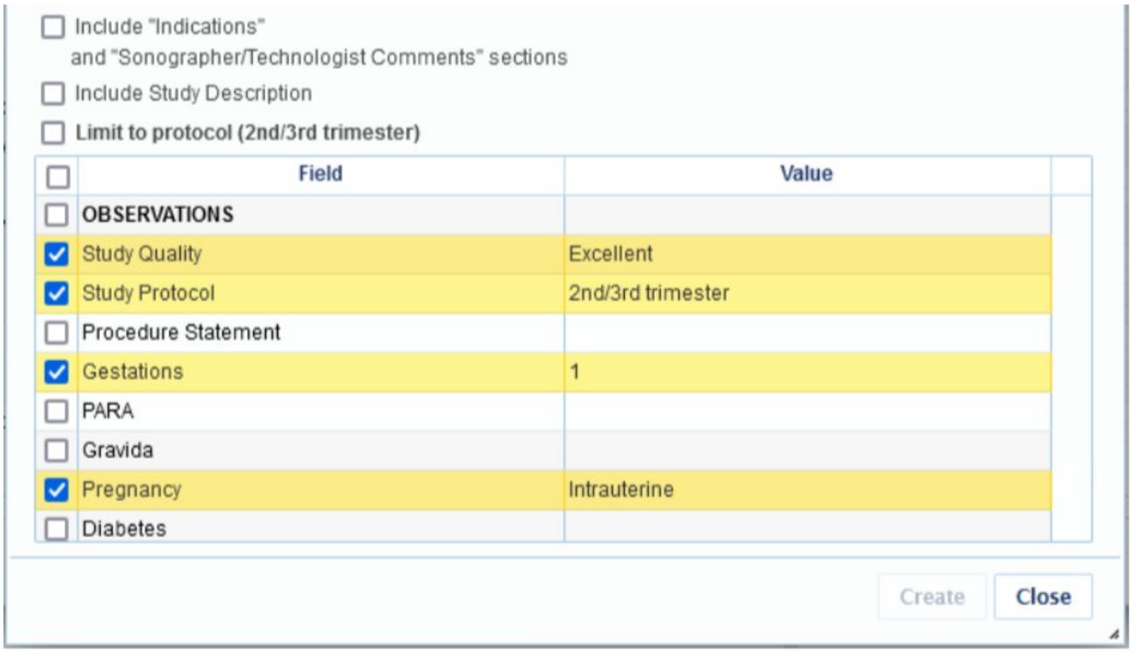
Note: Access to Preset Favorites is controlled at the reading group level. This means that when a user is in a worksheet, the Preset Favorites available are based on the reading group currently assigned to the exam.

Create a New Preset

Users with Preset Favorites: Manage and Preset Favorites: Create permissions can create a Preset Favorite. If a user does not have this permission, contact the admin.

To create a new preset favorite:

- In the worksheet, enter the comments and observations to include in the preset.
- Select Favorites (★) in the lower left corner of the worksheet. The Manage Preset Favorites window opens.
- Select + Add new preset… in the upper right corner. The Create preset window opens.
- Enter a name and description for the preset. Optionally, users can assign presets to a Preset Group, which groups Preset Favorites in the Select Preset Favorite list.
- In the Scope tab, check the box next to each worksheet item to include in the preset.
  - By default, the fields in the worksheet with values in them are included in the preset. Select the checkboxes next to each field to include additional fields, or select the top-level checkbox to include all fields. Including a field with no value in it results in the preset overwriting the existing information in that field.



The grid at the bottom of the Create Preset Favorite window displays detailed information about the fields and values included.

When the arrow is selected, included statements will replace the existing statements in the worksheet.

When the plus sign is selected, included statements will append the existing statements in the worksheet. This offers additional flexibility so that presets can be used to supplement existing generated statements.

In the Access tab, indicate any additional reading groups to have access to the preset. By default, access will only be applied to the reading group assigned to the current study.

Select Save to create the preset.

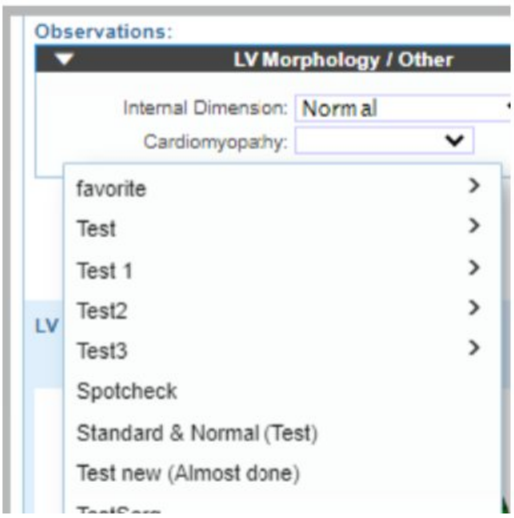
Note: Statements included in a preset will replace existing items by default, unless a different behavior is specified.

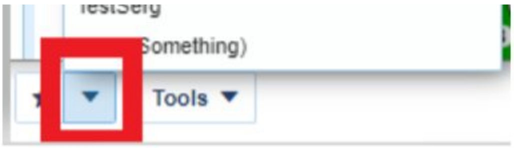
Apply a Preset Favorite

All users with appropriate reading group access can apply new presets.

To apply a Preset Favorite to a worksheet:

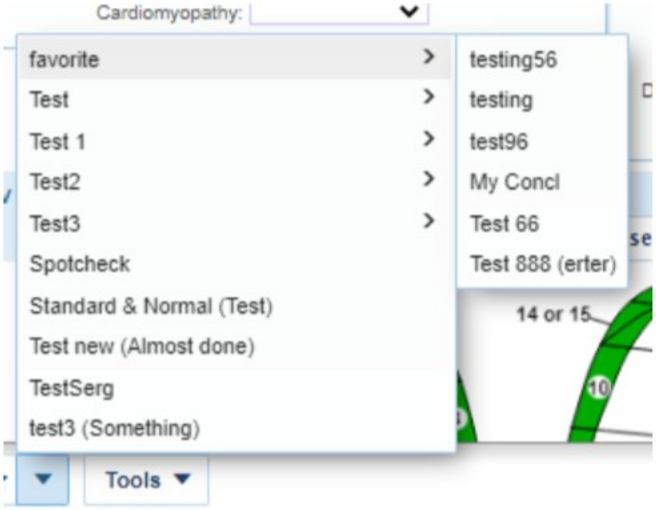
Select the Preset Favorites arrow (▼).





Choose a preset from the list.

If Preset Favorite is part of a Preset Group, it appears at the top of the list under the name of the Preset Group.



The Apply preset favorite window appears. This window lists the worksheet sections included in the preset, shows conflicts with information already entered into the worksheet, and shows a warning if a value in the preset is not available in the worksheet.

To apply the preset, select Apply.

If any preset is value unavailable in the worksheet, a warning window opens showing the fields and unavailable values. Users can select Cancel to cancel applying the preset and return to the Apply Preset window or select Apply to set the field with the unavailable value to the first item in the dropdown menu.

Compare Studies

The Compare function enables the comparison of data from multiple studies of the same study type and protocol. The comparison includes

- Patient demographics
- Study measurements
- Observations
- Findings

To compare studies,

1. On the Studies page, select at least two studies. There is no limit to the number of studies you can select for comparison.
2. Click the down arrow at the top of the check box column.
3. In the menu that opens, select Compare. The Compare studies window opens.

In the Compare studies window, each study is displayed in a separate column. To resize a column, click and drag the border.

Differences between the studies are highlighted in a different color. To see only the differences between the two studies, check the Show only differences box at the bottom left.

Exporting the data

To export or print the data,

1. Select an output format (PDF, CSV, or HTML). If you plan to analyze the data in Excel, choose CSV.
2. Click the Export/Print... button.

The output file will include only the data you are currently displaying. If the Show only differences box is checked, the output file will include only the fields where the studies differ.

Attach Files to a Study

In the Studycast system, you can attach files to studies. For example, you might want to attach a patient's insurance information to a study or create a non-image study with attachments for EKG or Holter information.

Attach Files to an Existing Study

Files can be attached to a study from the **Study Properties** window.

1. On the Studies page, click the study ID to open the **Study Properties** window.
2. Select the **Attachments** tab.
3. Click the **Attach file** button.
4. Then locate and select file you want to attach.
5. Click the **OK** button to upload the file and attach it to the study.
6. To enter a description, click the dots (…) and enter text.
7. To make the attachment private, click No in the **Private** column and select Yes from the drop-down options. Once it is marked private, only users who have the View Private Attachments permission will be able to view it.

Create a Non-Image Study and Attach Files

> By default, only admins and sonographers/technologists have permission to create new studies manually. If you need for this permission to be added to your account, contact your admin.

It can be useful to create a study in the Studycast system that does not contain images but does have attachments, such as EKG or Holter information. To create a non-image study with attachments, start from the Studies page.

1. In the bottom left corner of the Studies page, click the **New Study** button.
2. In the **Create New Study** window, enter the required information, including study type, assigned physicians, and patient information.
   a. To enter information, click the text you want to edit or the dots for an empty field (…).
   b. If the patient is already in the Studycast system, click the dots (…) next to **Lookup Patient**. If the patient is not in the Studycast system, click the **Create Patient** button to add the patient.
3. Click the **Attach file** button.
4. Then locate and select the file you want to attach.
5. Click the **Create** button to create the new study with the file attached.
   a. To enter a description for the attachment, click the dots (…) and enter text.
   b. To make the attachment private, click No in the **Private** column and select Yes from the drop-down options.

View Attached Files

You can view attached files from several places in the Studycast system:

- **Study Properties window**: On the Studies page, click the study ID to open the Study Properties window. Click the Attachments tab. In the Actions column, click View.
- **Study Viewer**: On the right side of the window, the Attachments tab is red if the study has attachments. To

- **Study Viewer**: On the right side of the window, the Attachments tab is red if the study has attachments. To open an attachment, click the tab and then click View.
- **Worksheet:** If a study has an attachment, the worksheet will contain either an Attachments tab in the Measurements and Observations section or an Attachments button at the bottom of the window.

Delete Attached Files

You can delete an attached file from the Study Properties window. To delete an attached file,

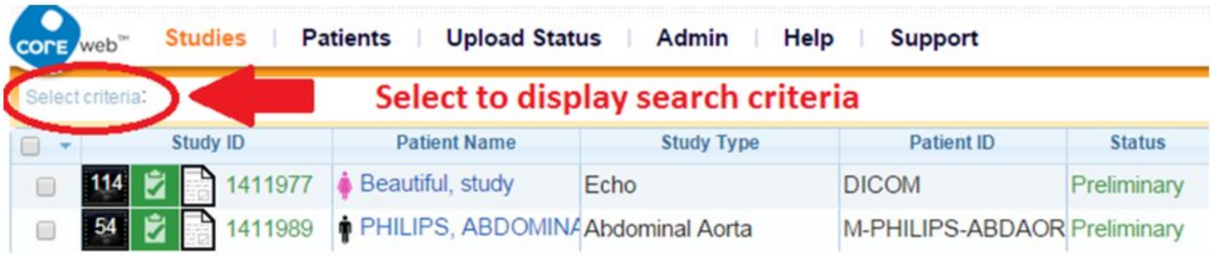
1. On the Studies page, click the study ID to open the **Study Properties** window.
2. Click the **Attachments** tab.
3. In the **Actions** column, click **Delete**.

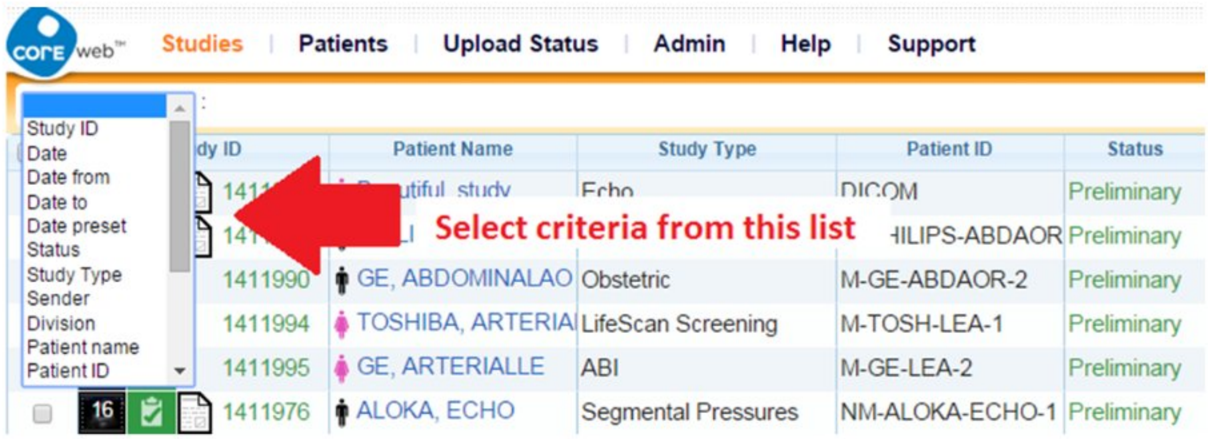
See Studycast Help for more information about adding and managing study attachments.

Filter Favorites - Search Criteria

If you have searches on Studycast that you perform often, you have the ability to save them as Filter Favorites for quick retrieval.

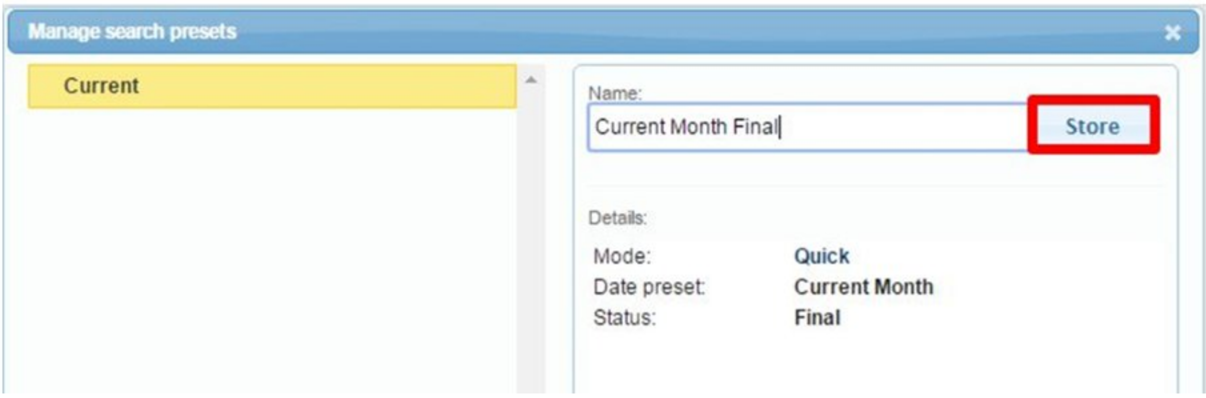
To begin, select your criteria on Studycast for the search.



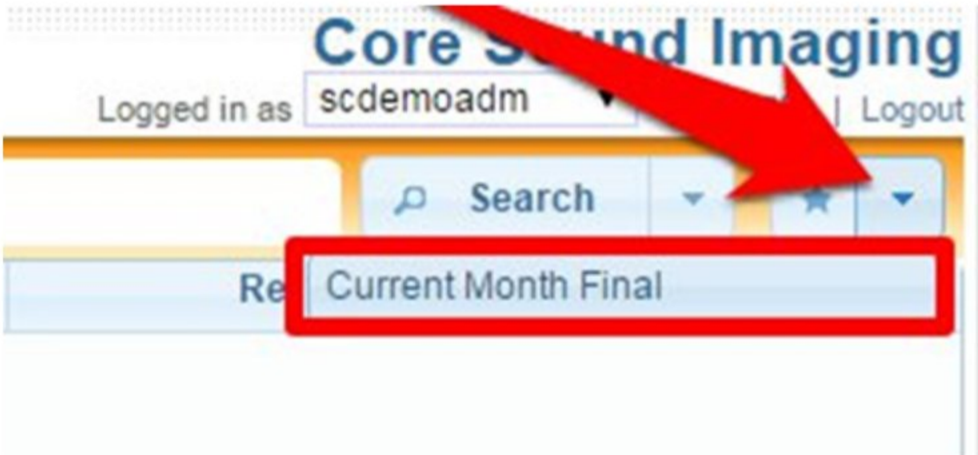


Once your search criteria is set, click on the star icon in the upper-right

This will open a window where you can give your search a name for easy retrieval. Enter a name, and click the Store button to save. You can then press OK to close the window.



Now, anytime you want to quickly apply this filter, simply click on the arrow next to the star icon, and choose it from the list.



Report Recipients

The Reports Recipients tab on the Studycast worksheet displays who will receive a copy of the finalized report, and (if needed) add additional recipients. The Configured automatic recipients section displays all email addresses and fax numbers that will receive the final report, based on the currently assigned referring group, ordering group, and division.

Below that is an area labeled CC (additional recipients) where you can add others to receive a copy of the report. Begin typing the recipients name in the box provided. It will search your existing referring/ordering list, and allow you to choose one.

> ⓘ If the person or facility you want to add as an additional recipient isn't already added as Referring Group to your Studycast account, they will need to be added first.

Share Studies / CoreShare

Share Studies / CoreShare

See this article in Studycast Help

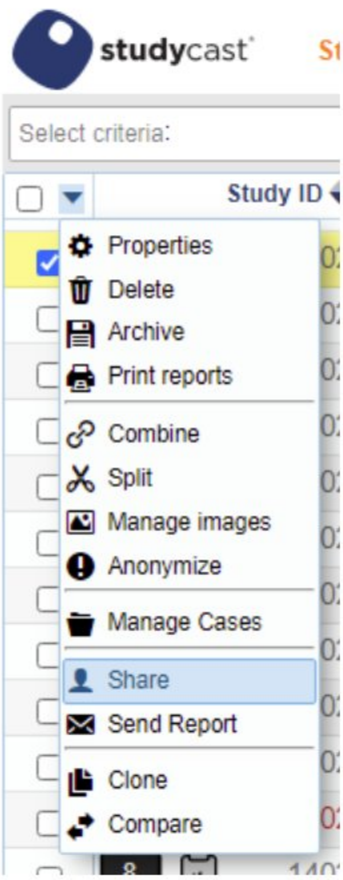
Studycast CoreShare™ is an easy way to send colleagues or patients a message with a secure link to view studies even if they do not have access to the Studycast system. The link can be sent by email or text message (SMS). When recipients click the link in the message they receive, they will be required to enter a passphrase to view the study.

If you do not have access to CoreShare, ask your administrator to add the **download archive/share study** permission to your username. Once you have this permission, you can share studies from the Studies page.

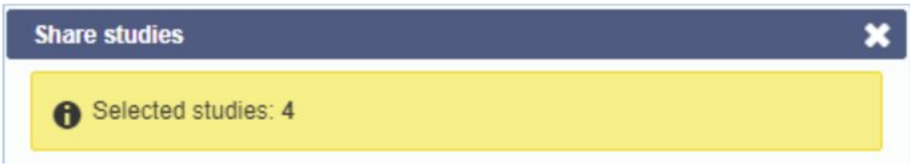
To share studies:

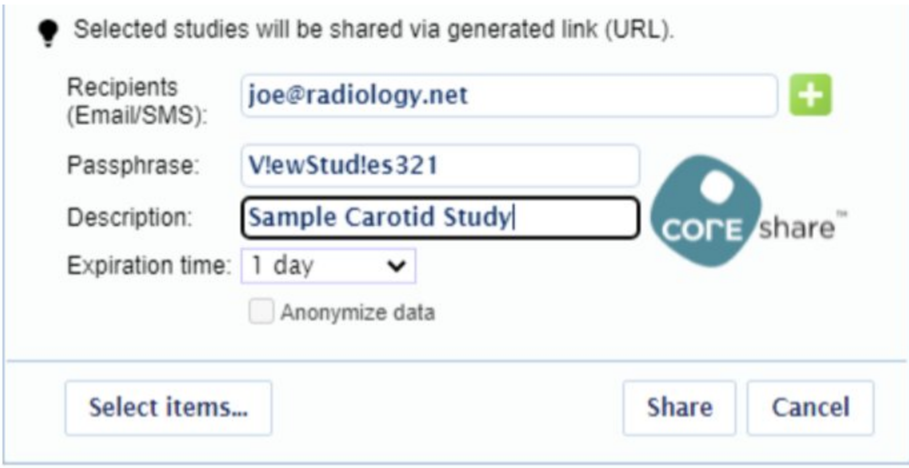
Click the check box next to each study you want to share.

1. Click the down arrow at the top of the check box column. In the menu that opens, select **Share**.



2. In the **Share studies** window, enter the necessary information.





- **Recipients:** For each recipient, enter the email or phone number and click the green plus button to add. If you want to remove a recipient, click the red minus button next to that recipient.
- **Passphrase:** To maintain the security and confidentiality of the studies, a passphrase is required. Enter any passphrase you want to use. The passphrase will **not** be included in the message. You will need to communicate the passphrase to recipients separately outside of the Studycast system.
- **Description:** Enter a short description of the studies.
- **Expiration time:** As a security measure, the link sent to the recipients will expire after the time specified. After that time, recipients will no longer be able to use the link to view the studies. Select the expiration time from the drop-down list. Each time you open CoreShare, it will display the expiration time you previously selected.
- **Anonymize data:** Check the box to anonymize study data.

> **Note:** This option does not affect patient data displayed within study images. To anonymize the study completely, you must mask patient information in the images with annotations first. Be sure the **Include as permanent burn-in** box is checked.

- **Select items:** Click the button to open the **Select Study Items for Sharing** window. When the window opens, click the bar for each patient to select items.

Recipients will be able to view all items selected in this window. By default, the box for **Include report** is checked. Uncheck the box to send images without the report. All images are selected by default. Click each image you want to exclude. Excluded images are covered with a large X.

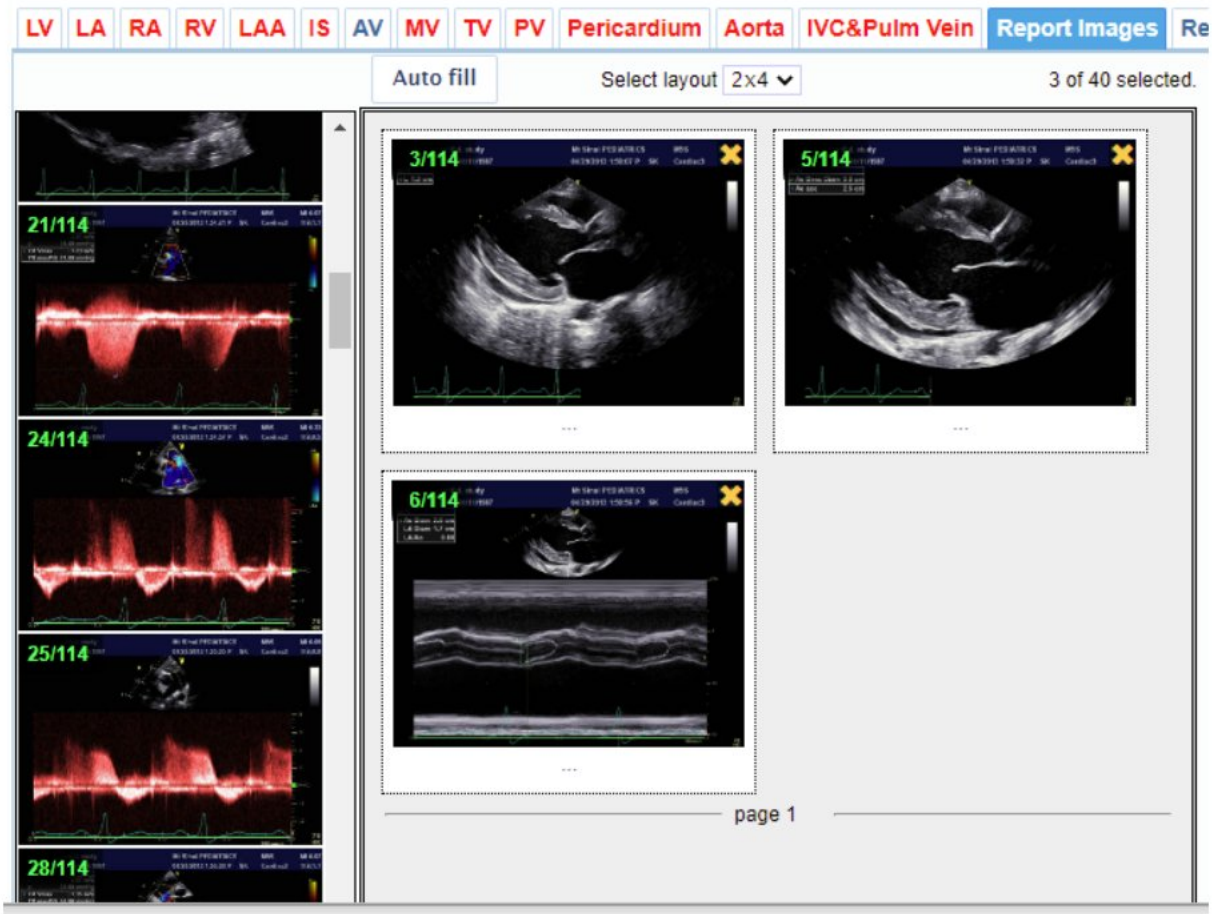
If you selected multiple studies, click the bar for each study to select items.

When you are done selecting images, click **OK**. The **Select Study Images for Sharing** window closes.

4. In the **Share studies** window, click **Share** to send the message.

Add Images to a Report

From the worksheet, you can add up to five pages of study images to the report.



To add images:

In the Measurements and Observations section, click the Report Images tab. The study images are listed on the left side. Cine loops are not included in this list.

Select a layout (1x1, 1x2, 2x2, 2x4). The layout indicates how the images will be arranged on the page and affects the total number of images that can be added to the report. For example, if you select 1x1, you can add one image per page for a total of five images. If you select 2x4, you can choose eight images per page for a total of forty images.

To fill the report pages with images automatically, click the Auto fill button. Images will be added sequentially beginning with the first image in the list and continuing until five pages are filled. To add individual images to the report, click and drag an image from the list to the box provided. The images in this box are added to the study report.

To add a label to an image, click the dots (...) under the image and begin typing.

To remove an image from the report, click the X in the top right corner of the image.

Manage Additional Comments

In addition to the comments list editor within the worksheet, admin users can create and manage personalized statements, or comments, in the Additional comments section of the Admin Tools. Using this page, you can quickly share or remove access to comment lists across reading groups, group comments under searchable headers, and reorder or update comment lists.

Create and Manage Additional Comments

Admins can create and edit Additional Comments for each of the worksheets' Additional Comment fields. Access to comments is granted at the reading group level. To create or manage Additional Comments in the Admin Tools, select a Study type and Reading group to filter for the desired list(s). You can add additional filters by selecting a Protocol or Comment type. If comments exist for the selected filters, you will now see them listed.

To edit an existing comment:

1. Click on the desired comment to select it, and begin typing.
2. When you are finished editing, click Save at the top of the screen.

To create a new comment:

1. Enter the comment text in the field and click Add. The comment appears in the list.
2. When you are finished editing, click Save at the top of the page.

Once created, this comment will only be available for studies assigned to this reading group. If you would like to give other reading groups access to existing comments, you can use batch actions to Add access.

To add access to comments for a reading group:

1. Select the desired comment, or group of comments, and click Add access in the batch actions menu. An Add access window opens.
2. In the window, drag-and-drop the desired reading group(s) between the Add access for the following reading groups and Available reading groups lists. You can also select reading groups and use the arrows to move them between the two lists.
3. When you are finished editing, click the Add access button. The window closes.
4. When you are finished editing, click Save at the top of the page.

To remove access to comments for a reading group:

1. Select the desired comment, or group of comments, and click Remove access in the batch actions menu. A Remove access window opens.
2. In the window, drag-and-drop the desired reading group(s) between the Remove access for the following reading groups and Available reading groups lists. You can also select reading groups and use the arrows to move them between the two lists.
3. When you are finished editing, click the Remove access button. The window closes.
4. When you are finished editing, click Save at the top of the page.

To delete comments:

1. Select the desired comment(s), and select Delete in the batch actions menu. A window opens.
2. In the Confirm items deletion window, select OK.
3. When you are finished editing, click Save at the top of the page.

> ⓘ Deleting a comment in the Admin Tools will also remove it from all other reading groups with access to it. If you would like to remove a comment for some (but not all) reading groups, see Remove access in the section above.

Manage User Permissions

If desired, admins can also choose to revoke the Create additional comments permission for non-admin users in their account. This permission can be managed in the Admin Tools. To learn more about user permissions, see User Types and Permissions.

Technologist / Sonographer Training

Welcome to Studycast Technologist / Sonographer Training. This training is designed to help you efficiently confirm measurements, add findings, and complete preliminary studies in your workflow

You can choose the training path that works best for you—join a live session with our team or explore on-demand resources at your own pace.

In these trainings, you'll learn how to:

- Navigate the Studies page and locate exams
- Upload and review images
- Complete worksheets and enter measurements
- Add findings and observations
- Prepare studies for physician review
- Understand workflow status and next steps

Choose your Training Path

Option 1: Join a Webinar

Attend a scheduled session led by a Studycast expert.

Register for an Administrative Webinar

- Instructor-led walkthrough of key administrative workflows
- Ask questions during the session (moderated Q&A)
- Ideal for structured learning and guided overview

Option 2: Watch On-Demand Training

Access recorded sessions anytime and learn at your own pace.

Watch Technologist Training for Echo Studies

Watch Technologist Training for Vascular Studies

Watch Technologist Training for Nuclear Studies

- Full walkthrough of the Technologist workflows
- Modality-specific training (echo, vascular, nuclear and OBGYN)

Abdomen Worksheet

Calculated Fields

In the Abdomen worksheet, the following fields are calculated automatically. These calculated values automatically update when any of the source values are changed.

Field	Source Values	Calculation Logic
Resistivity Index	Hepatic Artery PSV, Hepatic Artery EDV	(PSV - EDV) ÷ PSV
R/A Ratio	RA PSV, Aorta PSV	Renal Artery PSV ÷ Aorta PSV

Criteria

The criteria listed below are set by default for the Abdomen worksheet. However, you can choose to use a different set of criteria, or you can define custom criteria.

To change the criteria in your worksheets, contact Studycast Support.

Significant PVR Conclusion Threshold

The default "normal" threshold is 100 cc. Values greater than or equal to 100 cc will generate a "significant post void residual" Conclusions statement.

Abdomenal Doppler Criteria

Liver: Portal Vein PV

Decreased: < 16 cm/s

Normal: 16 - 40 cm/s

Increased: > 40 cm/s

Liver: Hepatic Artery RI

Decreased: < 0.55

Normal: 0.55 - 0.7

Elevated: > 0.7

Kidneys: R/A Ratio

Normal: < 3.5 cm/s

Kidneys: Renal Artery PSV

Normal: < 180 cm/s

Increased: >= 180 cm/s

Aorta: Abdominal Aorta PSV

Normal: 0 - 150 cm/s

Mildly Increased: 151 - 200 cm/s

Moderately Increased: 201 - 300 cm/s

Severely Increased: > 300 cm/s

Carotid Study Worksheet

A carotid ultrasound is often recommended if you have risk factors for stroke, such as high blood pressure, high cholesterol, or a family history of heart disease. It can also be used to monitor the effectiveness of treatments like stents or surgeries to remove plaque.

Carotid Laterality Tabs

Selecting bilateral will produce a complete exam that includes both carotid artery systems. Choosing either right or left will produce a limited exam that only includes findings from the respective carotid artery system.

Carotid Measurements and Observations

Right and Left Tabs

- Represent the scans of the left and right carotid artery systems. Techs record observations on plaque size and stenosis, blood flow, waveform analysis and arterial wall integrity.
- An indication of Stenosis (or Plaque Size) must be made for the user to be able to comment on Plaque Morphology at a given level as the presence of Plaque implies a narrowing of the artery.
- Stenosis (or Plaque Size) values are automatically selected when the entered values for PSV, EDV and ICA/CCA ratio meet the criteria for a row in the Carotid Criteria chart. (Can be turned off via MyChoices)
- Waveform observations document flow direction, resistance, and phasicity.
- The presence of a Stent renders native Carotid Criteria invalid at that level (i.e.
- Stenosis/Plaque size will not be automatically triggered).
- Drop-downs allow the user to select which ICA and CCA to use to recalculate the ICA/CCA ratio. A Conclusion statement will generate if this ratio is >4.0 on a given side.

Carotid Criteria Tab

This tab lists the ranges that are used to automate observations. If a measurement is out of range, the worksheet will automatically identify it as an abnormality.

Diagram

Use the diagram to indicate Stenosis (or Plaque Size), Plaque Morphology, and presence of a Stent or surgical intervention (Endarterectomy) at each segment. Selections made in the iDiagram are represented in the Observations dropdowns and vice-versa.

Calculated Fields

In the Carotid worksheet, the following fields are calculated automatically. These calculated values automatically update when any of the source values are changed.

Field	Source Values	Ca
ICA/CCA PSV Ratio	One ICA PSV and one CCA PSV per laterality. Select list indicates which value.	IC. **Nc** dif
ICA/CCA EDV Ratio	One ICA EDV and one CCA EDV per laterality. Select list indicates which value.	IC. **Nc** dif

Stent Ratio	Stent PSV values within same stent	PS
Endarterectomy Ratio	Endarterectomy PSV values within same Endarterectomy	PS

Carotid Findings

Findings statements comment on stenosis, plaque morphology, and waveform observations.

Carotid Conclusions

Conclusions generate a Stenosis (or Plaque Size) statement for each vessel (ECA, ICA, CCA) based on the most severe Stenosis (or Plaque Size) selection in each vessel.

Carotid Report

Accreditation

Studycast Carotid reports are designed to meet requirements from:

- SVU: Society for Vascular Ultrasound
- IAC-vascular: Intersocietal Accreditation Commission
- ACR: American College of Radiology

Carotid Workflow

The Studycast Carotid worksheet allows you to document velocity, stenosis, plaque, plaque morphology, and waveform* characteristics for the CCA, bifurcation, ICA, ECA and subclavian.

- You can document interventions using the **Interventions** tab.
- Velocities populate automatically from the ultrasound machine. Use the dropdowns to document plaque size and morphology.
- For Waveforms, you'll document flow direction, resistance, and phasicity.
- Waveforms default to 'Normal'.
- The default segments for calculating ICA /CCA ratios can is specified by submitting a 'Carotid My Choices' form. It can also be modified for any given exam. Brachial pressures, vessel geometry and other values are documented below.
- 'Plaque' size and 'morphology' are documented on the carotid diagram. If you make a selection by interacting with the diagram, the corresponding observation dropdown updates as well, and vice versa.
- When you 'Generate Conclusions' Studycast generates a summary of abnormalities noted in the 'Findings'.
- In the 'Interventions' tab, you can document multiple stents and multiple endarterectomies.
- Stents and endarterectomies can also be documented directly on the interactive diagram. Click and drag on the diagram to place a stent or endarterectomy. Doing this will also update the corresponding observations and vice versa.
- Interventions will be documented in the generated Findings and Conclusions.
- Generate a 'Procedure Statement' by selecting the type of Procedure, Laterality, and 'Informed Consent' (if applicable). You can also comment on whether the NASCET criteria were followed by choosing from the PQRS drop down. This can help with reimbursement for the practice.

> In summer 2020, SVU/SVM released a consensus statement on documenting Doppler waveforms on arterial exams. Studycast worksheets (including Carotid) reflect the recommended approach and nomenclature by allowing you to select the flow direction, resistance, and phasicity of the waveform.

> Carotid criteria can be customized by account, and based on the criteria set up, velocities can automatically set the stenosis observation. You can change the observation.

Carotid Worksheet and Report Options

There are several options available that can be enabled on your account that affect how the carotid worksheet functions, and the look of the carotid report. Some of the available carotid worksheet and study report options include:

- Waveform, Stenosis/Visual Plaque Size (VPS), and Plaque Morphology can each be excluded from observations.
- Set a default vessel configuration for your facility.
- Waveform trigger: Setting a waveform observation automatically sets all waveforms below. This can be turned off.
- Default Carotid criteria on Studycast is 'Mayo Clinic', but Studycast supports other published, or custom criteria.
- Findings statements generate by default for each segment or configured to generate a single statement per vessel group.
- Three options are available offering different styles of Findings statement generation:
    1. Long (the default option)
    2. Short
    3. Short (imaging)
- Carotid supports an option to exclude ICA/CCA ratio statements in the generated 'Conclusions'.
- Carotid supports an option to choose which 'abnormal' selections generate a 'Conclusions' statement.
- Group 'Conclusions' statements for carotid 'bulb' by ECA, ICA, or CCA via a worksheet option.
- Optionally exclude the carotid criteria table, diagram, or stenosis column from the carotid study report.
- Configure the default report position of the criteria table and 'Conclusions' sections on the carotid study report.

These options can be enabled on an account, with approval from a Studycast Client Administrator, by submitting a carotid 'My Choices' form, or contacting Studycast Support.

ABI

Calculated Fields

In the ABI worksheet, the following fields are calculated automatically. These calculated values automatically update when any of the source values are changed.

Field	Source Values	Calculation Logic
ABI	Right and left brachial pressures, Posterior Tib pressure and Dors Pedis pressure	MAX Ankle Pressure ÷ MAX Brachial Pressure **Note:** MAX ankle pressure will use the higher pressure of the Posterior Tibial artery and Dorsalis Pedis artery. The higher of the two brachial pressures will be used.
Rest TBI	Right and left rest brachial pressure, Toe pressure	Toe Pressure ÷ Brachial Pressure **Note:** If acquiring pressures for Great toe, 2nd toe, etc, TBIs will calculate individually for each toe using pressure acquired in that toe. The higher of the two brachial pressures will be used.

Arterial LE

Calculated Fields

In the Arterial LE worksheet, the following fields are calculated automatically. These calculated values automatically update when any of the source values are changed.

Field	Source Values	Calculation Logic
Arterial Ratio	Arterial PSV values	PSV ÷ PSV of Proximal segment
Graft Ratio	Graft PSV Values within same graft	PSV ÷ PSV of Proximal segment
Stent Ratio	Stent PSV Values within same stent	PSV ÷ PSV of Proximal segment
Atherectomy Ratio	Atherectomy PSV Values within same Atherectomy	PSV ÷ PSV of Proximal segment
Balloon Angioplasty Ratio	Balloon Angioplasty PSV Values within same Balloon Angioplasty	PSV ÷ PSV of Proximal segment

The Arterial LE and Abdominal Aorta worksheets in Studycast enable users to quickly document velocities proximal and distal to stenosis with the click of a button.

Adding Pre and Post Stenosis Velocities

The study types with support for this feature each have a **+ Stenosis** button, located in the top left of the measurements and observations section of the worksheet.

To document pre and post stenosis velocities:

1. Click the **+ Stenosis** button.
2. Once clicked, you will be prompted to select the vessel or vessels in which the stenosis occurs. Select the appropriate vessel(s) and click **Submit**.
3. You will now see proximal and distal fields (**Prox to Sten** and **Dist to Sten**) above and below the vessel(s) which contain the stenosis. Use these fields to document the velocities and distance from stenosis, as well as the ratio, if desired.

Not Visualized Vessels

Not Visualized Vessels

The Venous LE, Arterial LE, and Abdominal Aorta worksheets provide users with an easy method to mark vessels as "not visualized". This functionality can be used to indicate that a vessel was looked for but was not visualized.

> **Note:** "Not visualized" should not be used in the same capacity as an "inconclusive" result. Please use the observations dropdown fields to mark vessels "inconclusive".

To use this feature, navigate to any of the supported worksheets and find the eye icon, which is located to the right of the vessel label.

This icon toggles between two states, which are shown in the table below.

Icon	State	Description
	inactive	When the icon is inactive, it has no impact whatsoever on your worksheet or report. This is the state you will see by default in the worksheet.
	active	When the icon is active, it indicates that the vessel was looked for, but was not visualized. It will lock the row of observations for the designated vessel, and will be reflected in the Findings statements, as well as the study report.

The eye icon will default to an inactive state.

Marking a vessel as "not visualized":

Click on the inactive eye icon. The icon will now be in an active state. This will clear and lock the entire row of observations (dropdowns) for the vessel.

To see this reflected in your **Findings** statements, click **Generate All Findings**. The statements will now reflect that the vessel was not visualized.

In the study report, vessels marked "not visualized" will now appear in the observations and measurements table as **N.V.** or **Not visualized**.

To remove a vessel's status of "not visualized":

Click on the active eye icon. It will now be in an inactive state, and the row of observations will no longer be locked.

To see this reflected in your **Findings** statements, click **Generate All Findings**. The statements will no longer reflect that the vessel was marked "not visualized".

Cardiac MRI

Calculated Fields

In the Cardiac MRI worksheet, the following fields are calculated automatically. These calculated values automatically update when any of the source values are changed.

Field	Source Values	Calculation Logic
Max APHR	Age	(220 – Age)
90% of Max APHR (Target)	Max APHR	(Max APHR * 0.9)
% of Max	Max APHR Max Achieved	(Max Achieved ÷ Max APHR) * 100
% of Target APHR	90% of Max APHR Max Achieved	(Max Achieved ÷ 90% of Max APHR) * 100
Duke Treadmill Score	Duration (min:sec) from Exercise section Max ST Deviation Angina Scale (0, 1, or 2)	Duration – (5 * Max St Deviation) – (4 * Angina Scale)
METs	Last grade and speed with a BP or HR entry	(HC + VC + 3.5) ÷ 3.5 HC = (Speed * 26.8 * 0.1) VC = [Speed * 26.8 * 1.8 * (Grade ÷ 100)] **Note**: METs will only be calculated for the following test types: Exercise Treadmill, Adenosine with Treadmill, or Regadenoson with Treadmill. The calculation will use the HR and BP from the last stage in which all values are documented.
Double Product	Heart Rate (HR) Systolic Blood	HR * SBP

	Pressure (SBP) from last stage with both entered (not Rest)	

CIMT

Calculating Vascular Age

The CIMT worksheet automatically calculates the patient's vascular age based on "Use of Carotid Ultrasound to Identify Subclinical Vascular Disease and Evaluate Cardiovascular Disease Risk: A Consensus Statement from the American Society of Echocardiography Carotid Intima-Media Thickness Task Force, Endorsed by the Society for Vascular Medicine." (James H. Stein, MD, FASE, et al, 2008)

For the vascular age to be calculated, the following fields must be populated:

- Patient's age
- Patient's gender
- Patient's race
- Mean or Max CIMT for the left distal CCA (dependent on applicable study data set)
- Mean or Max CIMT for the right distal CCA (dependent on applicable study data set)

If the patient's demographics fall within the ranges for any of the studies listed below, and the patient's relevant CIMT falls within the study's data set, the vascular age is calculated.

Race	Age	Study Data Set Used to Calculate Vascular Age
Black White	>=25 and <=40	Bogalusa
	>40 and <45	AXA
	>=45 and <=65	ARIC
	>65 and <=84	MEDA
	>84 and <=110	CHS
Asian Hispanic or Latino	>=45 and <=84	MESA
Independent of race, if none of the above conditions is met	>=30 and <=65	AXA
	>65 and <=110	CHS

If the patient does not meet any of these criteria, the vascular age is not calculated.

If a patient meets the criteria for more than one study, the more reliable study is used. For example, for a 45-year-old white male, both the ARIC study and AXA study could be used. However, the ARIC study was found to be more reliable. Therefore, in this case, the ARIC study is used to calculate the patient's vascular age.

Vascular age is calculated based on the higher of the left and right distal CCA percentile. When ARIC, MESA, and AXA are used, the vascular age is based on the **mean** CCA distal value. When Bogalusa and CHS are used, the vascular age is based on the **max** CCA distal value. The average of the mean or max CCA distal right and left values is never used because it could inaccurately indicate a lower risk.

Some study data sets provide values only for specific ages. When these studies are used, if the patient's relevant CIMT value falls between the 50th percentile values for two adjacent ages, the vascular age is calculated based on where it falls in the range between the two 50th percentile values.

For cases in which the study data set provides values for age ranges, if the relevant CIMT value falls on the 50th percentile for an age range, the mean age for that range is selected as the vascular age. If the relevant CIMT falls between the 50th percentile values for two adjacent age ranges, the vascular age will be either the upper bound of the lower age range or the lower bound of the higher age range, depending on which is closer to the mean CIMT value.

Echo

Calculated Fields

In the Echo worksheet, the following fields are calculated automatically. These calculated values automatically update when any of the source values are changed. For values that can be calculated using multiple methods, the Priority column indicates the order in which those methods are applied.

Field	Source Values	Priority	Calculation Logic
AV Index	LVOT Pk Vel AV Pk Vel		LVOT Pk Vel ÷ AV Pk Vel
AVA (Vmax)	LVOT Diam LVOT Pk Vel AV Pk Vel		[Pi × (LVOT Diam ÷ 2)2 × LVOT Pk Vel] ÷ AV Pk Vel
AVA (VTI)	LVOT Diam LVOT VTI AV VTI		[Pi × (LVOT Diam ÷ 2)2 × LVOT VTI] ÷ AV VTI **Note:** All units measured in cm.
EF	EDV ESV	LVEDV (BIPLANE) & LVESV (BIPLANE) LVEDV & LVESV LVIDd & LVIDs LVIDd (Mm) & LVIDs (Mm)	[(EDV-ESV) ÷ EDV] × 100 **Note:** For the last two priority sets, dimensions are converted to volume, as follows: EDV = [7 ÷ (2.4 + LVIDd)] × LVIDd$_3$ ESV = [7 ÷ (2.4 + LVIDs)] × LVIDs
LA / Ao	LA AoD	2D M-mode	LA ÷ AoD
Lateral E/e'	MV Pk E Vel Lateral e'		MV Pk E Vel ÷ Lateral e'

LV FS (mid-wall)	LVIDd LVIDs	2D M-mode	[(LVIDd - LVIDs) ÷ LVIDd] × 100
LV Mass	LVIDd LVPWd IVSd	M-mode 2D	[0.8 × (1.04 × [(LVIDd + LVPWd + IVSd)3 - LVIDd3])] + 0.6
LV Mass (AL)	LV Area Endo D LV Area Epi D LV Length D		1.05 × [5/6(LV Area Epi D × LengthEpi) - (LV Area Endo D × LV Length D)] LengthEpi = LV Area Epi D × [LV Length D + √(LV Area Epi D ÷ Pi) - √(LV Area Endo D ÷ Pi)]
LVCI	LVCO BSA		LVCO ÷ BSA
LVCO	Heart rate LVSV		(LVSV × Heart rate) ÷ 1000
LVOT CO	LVOT SV Heart rate		(LVOT SV × Heart rate) ÷ 1000
LVOT SV	LVOT VTI LVOT Diam		Pi × (LVOT Diam ÷ 2)2 × (LVOT VTI)
LVRWT	LVPWd LVIDd	2D M-mode	(2 × LVPWd) ÷ LVIDd
LVSV	LVEDV LVESV	2D M-mode	LVEDV (BIPLANE) - LVESV (BIPLANE) OR LVEDV - LVESV
MV E/A Ratio	MV Pk A Vel MV Pk E Vel		MV Pk E Vel ÷ MV Pk A Vel

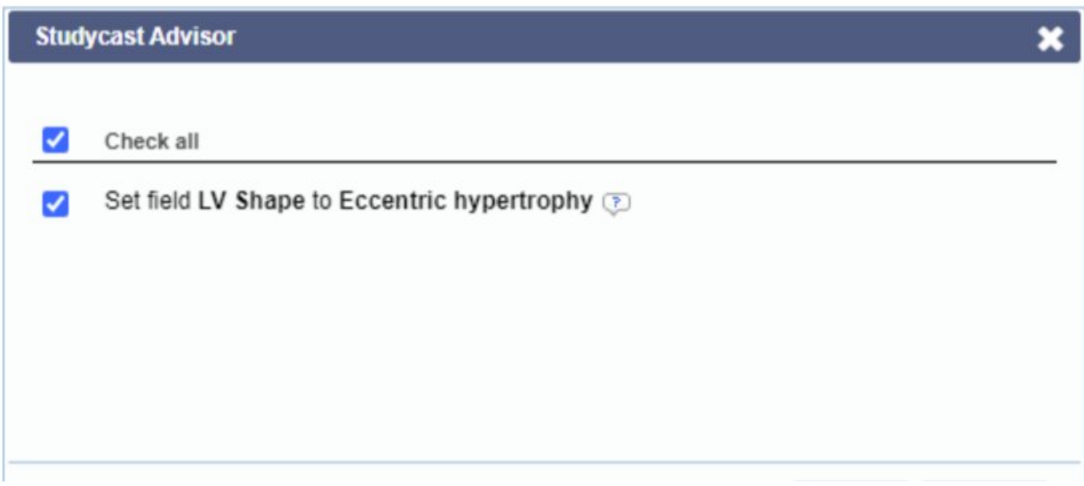
MV E/e'	MV Pk E Vel Lateral e' Septal e'		(2 × MV Pk E Vel) ÷ (Septal e' + Lateral e')
MVA	MV PHT		220 ÷ MV PHT
RV FAC	RV Area ED RV Area ES		100 × (RV Area ED - RV Area ES) ÷ RV Area ED
RVSP	TR Pk Vel RAP		4(V)2 + RAP V= TR Pk Vel in units m/s
Septal E/e'	MV Pk E Vel Septal e'		(MV Pk E Vel) ÷ Septal e'

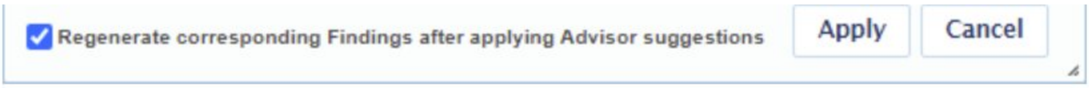
Studycast Advisor for Echo

In the Echo worksheet, the Studycast Advisor provides helpful recommendations for setting observations when key measurements fall outside the acceptable ranges defined by published criteria.

When the Advisor has recommendations, the indicator in the top right corner is illuminated and the number of recommendations is displayed.

To view the recommendations, click the **Advisor** indicator.



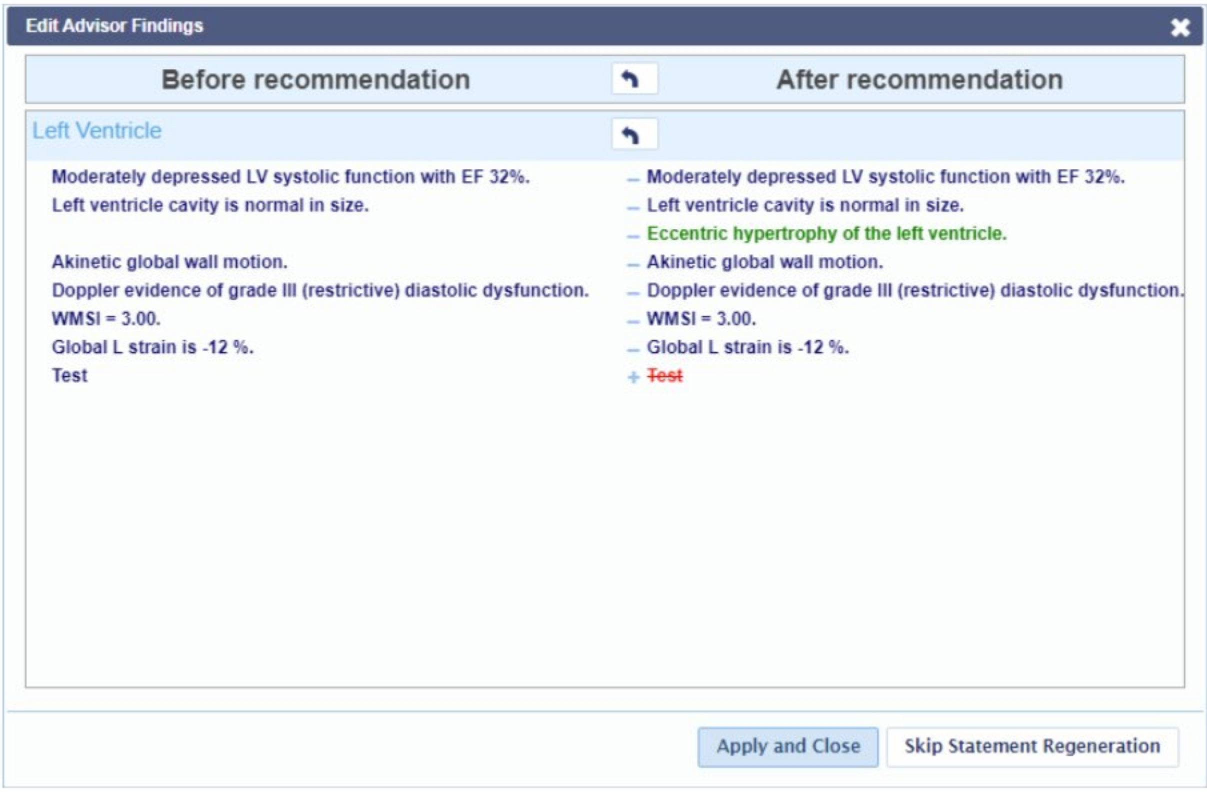


In the **Studycast Advisor** window, all recommendations are selected by default. Uncheck the box for any recommendation you do not want to apply.

> For information about the published guidelines used for a recommendation, roll the cursor over the question mark icon.

When you click **Apply**, the relevant worksheet observations are updated based on the selected recommendations.

If, prior to opening Studycast Advisor, free text findings have been added in the relevant findings section, the **Edit Advisor Findings** window will open. This window allows you to edit individual findings statements impacted by the Advisor recommendations.



The **After recommendation** column shows how findings will appear if you choose to apply the recommendations.

- Statements that appear in **red** will be removed if the recommendations are applied.
- Statements appearing in **blue** will not be impacted by the recommendations, and will remain the same after the recommendations are applied.
- Statements appearing in **green** will be the new statements added based on the recommendations, if you choose to apply them.

To prevent an individual findings statement from being replaced, click the plus sign (**+**) next to the statement. The statement changes from red to blue.

If you click the plus (**+**) and wish to revert back to the original recommended state, click the **undo** button.

To regenerate all findings based on the Advisor recommendations, click **Apply and Close**.

If you do not want the findings to be regenerated based on the Advisor recommendations, click **Skip Statement Regeneration**.

Pediatric Z-Scores

In the Echo worksheet, the Pediatric protocol includes z-scores, which are calculated automatically. These values update automatically when the source values are changed.

Note: Some of the fields in the table below can be configured to use an alternate source. If you would like to personalize your worksheet configuration, contact Studycast support.

Field	Tab	Default Source	Other Source Available
LA (Mm) Z-Score	Atria	M-mode Z-Scores (C Kampmann, C Wiethoff, A Wenzel, et. al.)	None
LAs (A4C) Z-Score	Atria	Boston **Group:** Left Atrium **Regression:** 2D LA Apical 4ch Long Axis Dimension vs BSA	Boston **Group:** Left Atrium **Regression:** 2D LA Apical 4ch Transverse Dimension vs BSA
LAs (A2C) Z-Score	Atria	Boston **Group:** Left Atrium **Regression:** 2D LA Apical 2ch Long Axis Dimension vs BSA	Boston **Group:** Left Atrium **Regression:** 2D LA Apical 2ch Anterior Posterior Dimension vs BSA
		Boston	

LV Mass (Mm) Z-Score	Vents	Boston **Group:** M-mode LV dimensions **Regression:** MM LV Mass (Devereux) vs BSA	None
IVSd Z-Score	Vents	Boston **Group:** 2D LV dimensions **Regression:** 2D LV End-diastolic Septal Thickness vs BSA	None
IVSd (Mm) Z-Score	Vents	Boston **Group:** M-mode LV dimensions **Regression:** MM LV End-diastolic Septal Thickness vs BSA	M-mode Z-Scores (C Kampmann, C Wiethoff, A Wenzel, et. al.)
LVPWd Z-Score	Vents	Boston **Group:** 2D LV dimensions **Regression:** 2D LV End-diastolic Free Wall Thickness vs BSA	None
LVPWd (Mm) Z-Score	Vents	Boston **Group:** M-mode LV dimensions **Regression:** MM LV End-diastolic Free Wall Thickness vs BSA	M-mode Z-Scores (C Kampmann, C Wiethoff, A Wenzel, et. al.)
LVIDd Z-Score	Vents	Boston **Group:** 2D LV dimensions **Regression:** 2D LV End-diastolic Dimension vs BSA	None
		Boston **Group:** M-mode LV	M-mode Z-Scores

LVIDd (Mm) Z-Score	Vents	dimensions **Regression:** MM LV End-diastolic Dimension vs BSA	(C Kampmann, C Wiethoff, A Wenzel, et. al.)
LVIDs Z-Score	Vents	Boston **Group:** 2D LV dimensions **Regression:** 2D LV End-systolic Dimension vs BSA	None
LVIDs (Mm) Z-Score	Vents	Boston **Group:** M-mode LV dimensions **Regression:** MM LV End-systolic Dimension vs BSA	M-mode Z-Scores (C Kampmann, C Wiethoff, A Wenzel, et. al.)
RVIDd (Mm) Z-Score	Vents	M-mode Z-Scores (C Kampmann, C Wiethoff, A Wenzel, et. al.)	None
AoD Annulus Z-Score	Grt Ves	Boston **Group:** Aorta **Regression:** Aortic annulus diameter vs BSA	Aortic Root Z-Scores (Colan SD, McElhinney DB, Crawford EC, et. al.)
AoD SOV Z-Score	Grt Ves	Aortic Root Z-Scores (Colan SD, McElhinney DB, Crawford EC, et. al.)	None
AoD ST Junction Z-Score	Grt Ves	Boston **Group:** Aorta **Regression:** Aortic sinotubular junction vs BSA	None
AoD Ascending (Prox) Z-Score	Grt Ves	Boston **Group:** Aorta **Regression:** Ascending aorta diameter vs BSA	None

AoD Descending Z-Score	Grt Ves	Cardiac Structure Z-Scores (M Pettersen, W Du, M Skeens, et. al.)	None
Dist AoD Arch Z-Score	Grt Ves	Boston **Group:** Aorta **Regression:** Distal transverse aortic arch diameter vs BSA	None
PA Diameter Z-Score	Grt Ves	Boston **Group:** Pulmonary valve and arteries **Regression:** Main pulmonary artery diameter vs BSA	None
RPA Diameter Z-Score	Grt Ves	Boston **Group:** Pulmonary valve and arteries **Regression:** Right pulmonary artery diameter vs BSA	None
LPA Diameter Z-Score	Grt Ves	Boston **Group:** Pulmonary valve and arteries **Regression:** Left pulmonary artery diameter vs BSA	None
AoD Isthmus Z-Score	Grt Ves	Boston **Group:** Aorta **Regression:** Aortic Isthmus Diameter vs BSA	None
LMCA Z-Score	Cor Art	Boston **Group:** Coronary Artery **Regression:** Left main coronary diameter vs BSA	None

LAD Z-Score	Cor Art	Boston **Group:** Coronary Artery **Regression:** Proximal left anterior descending diameter vs BSA	None
RCA Z-Score	Cor Art	Boston **Group:** Coronary Artery **Regression:** Proximal right coronary diameter vs BSA	None
Cx Z-Score	Cor Art	Coronary Artery Z-Scores (Dallaire F, Dahdah N.)	None
TV Annulus Z-Score	AV Valve	Boston **Group:** Tricuspid Valve **Regression:** Tricuspid annulus diameter (4 chamber) vs BSA	Boston **Group:** Tricuspid Valve **Regression:** Tricuspid annulus diameter (2 chamber) vs BSA
MV Annulus Z-Score	AV Valve	Boston **Group:** Mitral Valve **Regression:** Mitral annulus diameter (4 chamber) vs BSA	Boston **Group:** Mitral Valve **Regression:** Mitral annulus diameter (2 chamber) vs BSA
PV Annulus Z-Score	SL Valves	Boston **Group:** Pulmonary Valve and Arteries **Regression:** Pulmonary annulus diameter vs BSA	None

ETT

Calculated Fields

In the ETT worksheet, the following fields are calculated automatically. These calculated values automatically update when any of the source values are changed.

Field	Source Values	Calculation Logic
Max APHR	Patient Age	220 - Patient Age
90% of Max APHR (Target) (or custom value instead of 90)	Max APHR	Max APHR × 0.9 **Note:** This calculation can be configured to use a custom value instead of 0.9.
% of Max APHR	Max APHR Max Achieved	(Max Achieved ÷ Max APHR) × 100
Duke Treadmill Score	Duration (min:sec) from Exercise section, Max ST Deviation, Angina Scale (0, 1, or 2)	Duration - (5 × Max ST Deviation) - (4 × Angina Scale)
METs	last Grade and Speed with a BP or HR entry	(hc + vc + 3.5) ÷ 3.5 hc = (speed × 26.8 × 0.1) vc = [speed × 26.8 × 1.8 × (grade ÷ 100)] **Note:** The calculation will use the HR and BP from the last stage in which all values are documented.
Double Product	Heart Rate (HR), Systolic Blood Pressure (SBP) from last stage	(HR) × (SBP)

	with both entered (not Rest)	

Supported Measurements by Import Type

Studycast supports importing measurements to ETT studies using XML files. The table below shows which measurements Studycast can import.

Measurement	GE Case	Hillrom Q-stress
Rest BP Systolic	X	X
Rest BP Diastolic	X	X
Resting Heart Rate	X	
Angina Scale	X	
Max ST Deviation	X	
Stages 1-6 Systolic		X
Stages 1-6 BP Diastolic		X
Stages 1-6 Heart Rate		X
Post Imm. - 5 minute Systolic		X
Post Imm. - 5 minute Diastolic		X
Post Imm. - 5 minute Heart Rate		X

Nuclear Cardiac

Calculated Fields

In the Nuclear Cardiac worksheet, the following fields are calculated automatically. These calculated values automatically update when any of the source values are changed.

Field	Source Values	Calculation Logic
Max APHR	Patient Age	220 - Patient Age
90% of Max APHR (Target) (or custom value instead of 90)	Max APHR	Max APHR × 0.9 **Note:** This calculation can be configured to use a custom value instead of 0.9.
% of Max APHR	Max APHR Max Achieved	(Max Achieved ÷ Max APHR) × 100
Duke Treadmill Score	Duration (min:sec) from Exercise section, Max ST Deviation, Angina Scale (0, 1, or 2)	Duration - (5 × Max ST Deviation) - (4 × Angina Scale)
METs	last Grade and Speed with a BP or HR entry	(hc + vc + 3.5) ÷ 3.5 hc = (speed × 26.8 × 0.1) vc = [speed × 26.8 × 1.8 × (grade ÷ 100)] **Note:** METs will only be calculated for the following test types: Exercise Treadmill, Adenosine with Treadmill, or Regadenoson with Treadmill. The calculation will use the HR and BP from the last stage in which all values are documented

		documented.
Double Product	Heart Rate (HR), Systolic Blood Pressure (SBP) from last stage with both entered (not Rest)	(HR) × (SBP)

Supported Measurements by Import Type

Studycast supports importing measurements to nuclear cardiac studies using XML files from nuclear post-processing software. Not all files have the same information. The table below shows which measurements each nuclear post-processing software shares.

Note: Studycast can automatically populate study data from Syntermed nuclear post-processing software.

Measurement	4DM	Cedars-Sinai	GE Case	Hillrom Q-stress	Syntermed
LCM Calcium Score	X				
RCA Calcium Score	X				
LAD Calcium Score	X				
LCX Calcium Score	X				
LV EF Rest Meas	X	X			X
LV EF Stress Meas	X	X			X
LV Rest Volume	X	X			
LV Stress Volume	X	X			
Rest MBF Values	X				
Stress MBF Values	X				
Patient Position	X	X			
Rest Dose	X				X

Stress Dose	X				X
Rest Radiopharmaceutical	X	X			
Stress Radiopharmaceutical	X	X			
Rest Injection Date/Time	X				
Rest Image Acquisition Date/Time	X				
Stress Injection Date/Time	X				
Stress Image Acquisition Date/Time	X				
Rest BP Systolic			X	X	
Rest BP Diastolic			X	X	
Resting Heart Rate			X		
Angina Scale			X		
Max ST Deviation			X		
DLP		X			
CTDI		X			
iDiagram – Stress Perfusion Diagram (17 segments)	X				X
iDiagram – Rest Perfusion Diagram (17 segments)	X				X
Stages 1-6 Systolic				X	
Stages 1-6 BP Diastolic				X	
Stages 1-6 Heart Rate				X	

Post Imm. - 5 minute Systolic				**X**	
Post Imm. - 5 minute Diastolic				**X**	
Post Imm. - 5 minute Heart Rate				**X**	

Obstetric

EDD Calculations

Obstetric Worksheet GA Tab

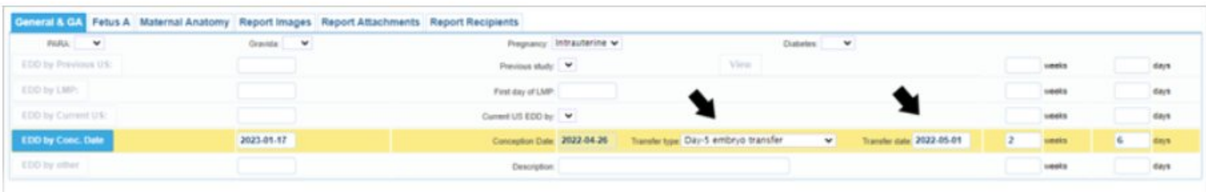
The Obstetric worksheet GA tab contains dates of previous ultrasound, last menstrual period (LMP), current ultrasound, and conception date. Estimated date of delivery (EDD) is calculated based on these values.

The highlighted EDD is considered the 'best assessment' by the user to calculate the EDD and fetal age most accurately. The EDD best assessment defaults is "EDD by LMP" but users can select a different EDD by clicking on the preferred EDD. Selection of a different EDD impacts the fetal biometry percentile calculations. Percentile calculations are based on the GA indicated by the Best Assessment.

EDD by Transfer type:

Studycast provides users with ability to document and auto-calculate Conception Date and EDD by Conception Date based on IVF and FET pregnancies.

Select from the transfer type dropdown the appropriate transfer type and enter transfer date using the pop-up calendar. Studycast automatically populates the Conception Date and EDD by Conception Date based upon the entries.



To reset the transfer type simply select "BLANK" in the transfer type dropdown. Note: User must enter both transfer type and transfer date for calculations to be performed.

EDD Transfer calculations:

- IVF with own eggs "EDD by Conception date" = Transfer date + 266 days (or 38 weeks)
- IVF with fresh donor eggs cycle "EDD by Conception date" = Transfer date + 266 days (or 38 weeks)
- Day-3 embryo transfer "EDD by Conception date" = Transfer date + 266 days (or 38 weeks) – 3 days
- Day-5 embryo transfer "EDD by Conception date" = Transfer date + 266 days (or 38 weeks) – 5 days
- Fresh donor embryos cycle "EDD by Conception date" = Transfer date + 266 days (or 38 weeks)

Obstetric References

In the Studycast system, Obstetric and Fetal Echo studies include references, which can be used to calculate values based on a selection of reference criteria.

Types of References

Each Obstetric reference in Studycast falls into one of the following categories:

- GA models
- Percentile models
- EFW models

GA Models

GA models are used to determine the estimated gestational age of the fetus and can be found in the **General & GA** and **Fetus** tabs of the worksheet.

Percentile Models

Percentile models are used to estimate the percentile of a measurement based on the gestational age.

EFW Models

EFW models are used to estimate fetal weight based on a combination of biometry measurements.

Applying References

References appear in select lists within the worksheet when the criteria they depend on is present.

For example, the GA by BPD, HC, AC, FL Hadlock 84 reference is available when the BPD, HC, AC, and FL contain values within the ranges defined by that model. If values are entered within these ranges, the reference will be available to calculate the gestational age and assign an EDD based on that gestational age:

If the measurements are modified to be outside of that range (for example, changing the FL to 8), the reference will no longer be available in the select list.

Studycast Advisor for Obstetric

In the Obstetric, Fetal Echo, and Fetal Non-Stress Test worksheets, the Studycast Advisor provides helpful recommendations if the study that you are working on should be added to a case, or used to create a new case. In Studycast, using a case allows you to group studies when the belong to a single pregnancy.

There are several benefits to creating cases. Creating a case will:

1. populate the EDD from the previous Obstetric study in the pregnancy
2. Plot the EFW and other relevant values from previous studies in a case
3. Enable in-worksheet access to the Compare function for studies in a case

When the Advisor has a recommendation, the indicator in the top right corner is illuminated and the number of recommendations is displayed.

To view the recommendations, click the **Advisor** indicator.

A **Studycast Advisor** window opens.

To accept the recommendation and add the study to a case or create a new case, select the appropriate recommendation, and click **Apply**.

If you do not want to add the study to a case or create a new case, select **Cancel**. The study will not be added.

Renal Artery

Calculated Fields

In the Renal Artery worksheet, the following fields are calculated automatically. These calculated values automatically update when any of the source values are changed.

Field	Source Values	Calculation Logic
Resistivity Index	Cortex PSV Mean, Cortex EDV Mean	(PSV - EDV) ÷ PSV
R/A Ratio	RA PSV or Prox, Mid, Dist, Ostium RA PSV, Abd Ao PSV or Prox, Mid, Dist AbdAo PSV	MAX Renal Artery PSV ÷ MAX Aorta PSV **Note:** If using Ostium, Prox, Mid, or Dist segments in vessels, the segment with the highest PSV will be used in the calculation.

Stress Echo

Calculated Fields

In the Stress Echo worksheet, the following fields are calculated automatically. These calculated values automatically update when any of the source values are changed.

Field	Source Values	Calculation Logic
Max APHR	Patient Age	220 - Patient Age
90% of Max APHR (Target) (or custom value instead of 90)	Max APHR	Max APHR × 0.9 **Note:** This calculation can be configured to use a custom value instead of 0.9.
% of Max APHR	Max APHR Max Achieved	(Max Achieved ÷ Max APHR) × 100
Duke Treadmill Score	Duration (min:sec) from Exercise section, Max ST Deviation, Angina Scale (0, 1, or 2)	Duration - (5 × Max ST Deviation) - (4 × Angina Scale)
METs	last Grade and Speed with a BP or HR entry	(hc + vc + 3.5) ÷ 3.5 hc = (speed × 26.8 × 0.1) vc = [speed × 26.8 × 1.8 × (grade ÷ 100)] **Note:** The calculation will use the HR and BP from the last stage in which all values are documented.
Double Product	Heart Rate (HR), Systolic Blood Pressure (SBP) from last stage with	(HR) × (SBP)

	both entered (not Rest)	

Supported Measurements by Import Type

Studycast supports importing measurements to Stress Echo studies using XML files. The table below shows which measurements Studycast can import.

Measurement	GE Case	Hillrom Q-stress
Rest BP Systolic	X	X
Rest BP Diastolic	X	X
Resting Heart Rate	X	
Angina Scale	X	
Max ST Deviation	X	
Stages 1-6 Systolic		X
Stages 1-6 BP Diastolic		X
Stages 1-6 Heart Rate		X
Post Imm. - 5 minute Systolic		X
Post Imm. - 5 minute Diastolic		X
Post Imm. - 5 minute Heart Rate		X

Worksheets

The worksheet is where you enter measurements, observations, and notes for a study, generate the findings, and finalize the conclusions. Each study type has its own worksheet with fields tailored to that type of study.

The left side of the worksheet contains several sections to capture the patient demographics, indications, notes, and the study's measurements and observations. Some sections can be opened and closed by clicking the section's header bar.

Enter and Edit Worksheet Information

Some of the information in the worksheet is automatically populated from the modality when the study is uploaded to the Studycast system.

- Some text can be edited. To edit, click the text and begin typing.
- To enter information in an empty field, click the dots (**....**) in that field and begin typing.
- Some text fields have a list of items you can choose. To see the entire list, press the space bar twice.
- To look up a specific item in the list, begin typing. The list narrows as you type. To select an item, click it with your mouse or use the arrow keys on your keyboard to highlight it and hit Enter.

You can edit any Additional Comments list in your worksheets by clicking the gear icon next to the field. For information about how to do that, see Additional Comments.

> ⚠ If another user already has the worksheet open, you will see a warning message at the bottom of the page. The Studycast system saves only the most recent changes. Be sure to coordinate with your colleagues to avoid overwriting one another's changes.

Patient Information

This section contains information about the patient, the study that was performed, and the referring and reading physicians. Use this section to assign the study to a reading group or reading physician.

Indications

This section contains fields for:

- Indications
- Diagnosis Code (ICD-10 codes are pre-populated in this list)
- Procedure Code (CPT codes are pre-populated in this list)
- Risk Factors
- Complications
- Medications

Sonographer/Technologist Comments

Use this section to write notes for the doctor. The notes entered here do not appear on the final report.

Protocol

If multiple protocols are available, you can select the protocol from the drop-down list. For some study types

If multiple protocols are available, you can select the protocol from the drop-down list. For some study types, some items on the measurements and observations tabs change when you select a different protocol.

Measurements and Observations

The Studycast system uses structured report data from the modality to populate measurements on the worksheet. Other items must be completed by a sonographer, technologist, or physician.

Abnormal Observations Color Coded

The worksheet automatically identifies abnormal values and observations. These items are color coded red. When a tab has an abnormal value or observation, the tab label is also color coded red.

Interactive Diagrams

Some worksheets include interactive diagrams to illustrate abnormal study results.

To see the details for a segment of the diagram, hover the cursor over that segment. To apply a different color or pattern code, click the mouse. With each click, the next choice in the legend is applied.

If a diagram includes an **Annotate** button, you can add simple line drawings and text to the diagram. Click the button to open the **Annotation Editor** window.

For more information, see Annotate a Diagram.

Report Recipients

Many worksheets include a tab that lists the notifications that will be sent when the study is approved or when an addendum is added. For information on managing this list, see Manage Report Recipients.

Findings

On the right side of the worksheet, the Findings section displays text generated by the Studycast system based on the measurements and observations in the worksheet. When you are finished entering information into the worksheet, click the **Generate All Findings** button to generate the text.

To edit the findings, click the text and begin typing. When you hover over a section of the findings, additional options appear.

Conclusions

This section displays conclusions statements generated by the Studycast system based on the data and observations in the worksheet. The conclusions statement appears on the Study Report.

When you are finished with the worksheet, click the **Generate** button to display a conclusions statement. The statements summarize the abnormal findings. You can edit the conclusions statements and add your own comments.

Results

Additional information about the study findings can be captured in this section. The results can be categorized as Abnormal, Critical, or No Change. If Critical is chosen, additional fields appear for documenting verbal communication with physicians about the study findings and any instructions provided to the patient. Studycast can send notifications based on the results category. See Set Up

Watch the video

Results and Recommendations

Notifications for more information.

Recommendations

Follow-up care recommendations for the patient or primary care physician can be documented in this section. The recommendations entered here appear in a separate section below the Conclusions on the study report.

Status and Work Flow Options

The available buttons in the bottom right corner depend on your user type and permissions.

Button	Available for…	Description
Save	All Users	Saves changes to the worksheet. If you exit the worksheet without saving, your changes will be lost.
Preview Report	All Users	Opens the report in a new window.
Set to Preliminary	Sonographer/ Technologist	Sets the study status to preliminary.
Approve Study	Reading Physician	Finalizes the study report and sets the study status to Final.
Approve & Next	Reading Physician	Same as Approve Study, but also opens the next study for approval.
Change Status & Next	Reading Physician	Sets study status to new so the sonographer or technologist can edit the worksheet and opens the next worksheet for approval. This option is useful if the physician finds that the exam is incomplete and not ready for approval.

Studycast Worksheet Terms and Definitions

Blank Observation

A **Blank Observation** is an observation in a worksheet that is set to "blank," meaning no statement is generated for that observation.

Normal Observation

A **Normal Observation** is an observation in a worksheet that is set to "normal," generating a standard findings statement indicating no abnormalities.

Findings Statement

A **Findings Statement** is generated in a worksheet based on the observations made during a medical examination.

Interactive Diagram

Interactive Diagrams are visual aids within the Studycast system that allow users to interact with and annotate medical images.

Worksheet Customization

Worksheet Customization refers to the ability to personalize worksheets in the Studycast system to match specific workflows and preferences.

How do I add or remove vessels from the worksheet?

See Configure Worksheet

Use My Own Findings and Conclusions

How can I use my own Findings and Conclusions instead of the auto-generated statements?
All Findings and Conclusions text can be edited, but editing the auto-generated statements on each study would be time consuming.

The Additional Comments fields can make the workflow more efficient. With these fields, you can create and store your own statements, which can then be selected from the list any time you want to use them. To create your own statements,

1. Click the gear icon next to the text field. An edit window opens.
2. Type your statement into the field and click the **Add** button.
3. To move the statement, click and drag it to another spot in the list.
4. When you are finished, click the **Save** button.

Your new statements are now ready to use. To add one of your personalized statements, type a few letters of the statement. When the statement appears, select it to add it to the report.

You can further streamline the workflow by using Worksheet Presets in conjunction with the Additional Comments functionality. With Worksheet Presets, you can save and apply multiple changes to a worksheet at once. For example, you might create a Worksheet Preset that includes indications, observation selections, and your personalized Findings and Conclusions statements

- To save a Worksheet Preset, click the Star button in the lower left corner of the worksheet.
- To use a Worksheet Preset you’ve already created, click the down arrow next to the Star button and select the Preset you want.

Annotate a Diagram

Annotate a Diagram

Some Studycast worksheets contain an interactive diagram. Different worksheets have different options for annotating the diagram.

If the diagram has an **Annotate** button, you can draw directly on the diagram and add text to it.
Click the **Annotate** button. In the window that opens, use the tools at the top of the window to annotate the diagram.
To save your annotations, click **Save** in the lower right corner.

Calculation Panel

Perform Calculations and Save Them to the Worksheet

In the **Calculations** panel, you can generate calculations and save the values to the study's Worksheet.

To perform a calculation,

1. Click the **Calculations** button to open the **Calculations** panel.
2. Then, click the **+** button to add a calculation.
3. Select the type of calculation you want to add.

- For each measurement requested, you can either use the Draw tool to define the measurement or the Select tool to choose a measurement you've already drawn.
- To identify a field on the Worksheet for a calculation, click the name of the calculation and select from the drop-down list.

The indicator changes color depending on the status of the value:

- **Blue**: No value has been calculated yet.
- **Orange**: The value has been calculated, but no field on the Worksheet has been selected for it.
- **Yellow**: The value has been calculated, and a field on the Worksheet has been selected for it. To save the value to the worksheet, click the indicator when it is yellow.
- **Green**: The value has been saved to the selected field on the Worksheet.

Click the hamburger menu to the right of each calculation to display a list of options, which include

- Hide info / Show info
- Show this calculation only / Show all calculations
- Save value to worksheet
- Delete calculation

To save all values in the **Calculations** panel to the Worksheet at once, click the **Save All** button at the bottom of the **Calculations** panel.

Once you have saved a value to a specific field on the Worksheet, you cannot save a second value to that same field. Before you can save a new value to that field on the Worksheet, you will need to delete the value currently associated with that field in the Calculations Panel.

> ⓘ If the study's worksheet is open when you save measurements and calculations to the worksheet, you will need to refresh the worksheet to see the values. To do that, click your browser's Refresh button.

For images that meet certain technical requirements, the following calculations are available and can be saved to the Worksheet.

- Velocity (VEL)
- Pressure Gradient (PG)
- Pressure Half Time (PHT)
- Velocity Time Integral (VTI)

- Ejection Fraction (EF)

For instructions on performing these calculations see Studycast Help

Measure an Image

Measure an Image

The measuring tools calculate distances and areas on a still image or paused frame of a loop that you identify. The measurements and calculations can be saved to the Worksheet.

- Length: Allows the user to measure length along a straight line.
- Angle: Allows the user to measure an angle.
- Elliptical ROI: Allows the user to measure an elliptical area.
- Rectangular ROI: Allows the user to measure a rectangular area.
- Custom Polygon ROI: Allows the user to define and measure the area of a custom polygon.
- Delete Measurements: Deletes measurements from the item in the viewing pane.
- Measurement Calibration: Allows the user to calibrate manually if an item does not have the necessary calibration information from the modality.
- Calculations: Allows the user to take measurements that the software will use to calculate velocity, pressure gradient, pressure half time, velocity time integral, ejection fraction, and time on Doppler images. For more information, see Generate Calculations.

If an image does not contain the necessary calibration information from the modality, you must calibrate manually before you can take any measurements. For calibration instructions, see Calibrate Manually.

Measure Length

In the measurement tools menu to the left of the viewing pane, select the Length tool.

1. Click the point in the image where you want the distance measurement to begin.
2. Move the cursor to draw a line across the distance you want to measure.
3. Click to define the end point of the line. The distance is displayed next to the line.

Measure an Angle

In the measurement tools menu, select the Angle tool.

1. Click to place the angle on the image. The measurement is displayed in degrees next to the angle.
2. To move the sides of the angle, click a handle and drag it.

NOTE: It is possible to separate the sides of the angle so that they no longer meet in a point. This option allows for greater flexibility in measuring angles. To separate the sides, grab and drag the handle at the vertex.

Measure Area

To measure the area of a region of interest (ROI), select Elliptical, Rectangular, or Custom Polygon ROI.

1. Draw your shape.

- Elliptical ROI: Use this option to draw an oval or circle. Click on the image and use your cursor to draw. To adjust the shape, click and drag the handles.
- Rectangular ROI: Use this option to draw a rectangle or square. Click on the image and use your cursor to draw. To adjust the shape, click and drag the handles.

- Custom Polygon ROI: Use this option to draw a custom shape. Click to define the first corner. Move the cursor to the location of the next corner and click again. Click once for each corner of the shape. Double click to close the shape.

1. The area is displayed next to the shape.

Delete Measurements

To delete measurements,

1. Select the tool for the type of measurement you want to delete (Length, Angle, Elliptical ROI, Rectangular ROI, or Custom Polygon ROI).
2. Click the Delete Measurements button.
3. Click on each measurement you want to delete.

Previous Results

Previous Results

When a follow-up exam is performed, it can be helpful to view the patient's previous findings and conclusions and either append or overwrite the current statements with the findings/conclusions from the previous exam.

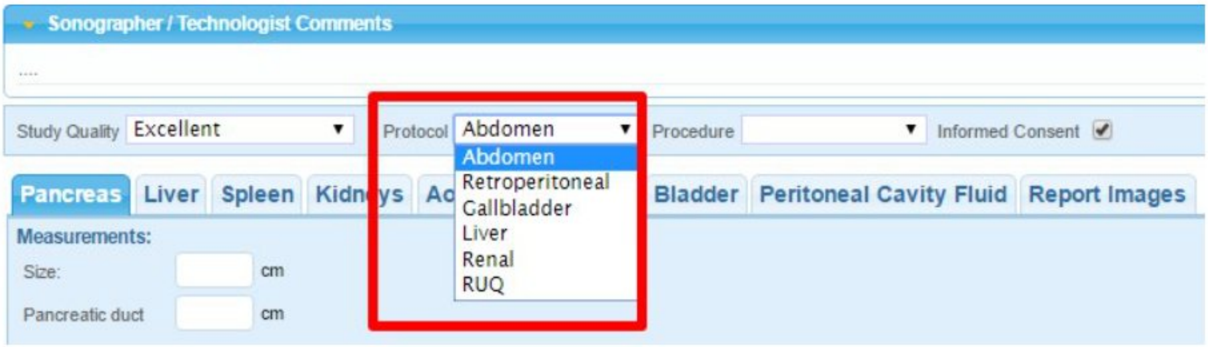
If a patient has a previous finalized study of the same type and protocol in the system, the Previous Results button at the top right of the worksheet will be active. Previous results are only available from studies that have been approved. When you are finished, click the Apply and Close button to return the the Studycast worksheet with your changes populated.

For more information on using Previous Results see Studycast Help

Study Protocols

Study Protocols

Some Studycast worksheets contain a **Protocol** drop-down that allows you to further specify the type of exam you are performing. For example, if you select Abdomen as your Study Type you can then choose Renal, Liver, etc. from the Protocol drop-down to reconfigure the worksheet to display just the appropriate tabs and fields for that type of exam. Choosing a Protocol will also update the title appropriately on your final report.



You can also search/filter by Study Protocol from the Studies page. If the Study Protocol column isn't displayed, you can add it by clicking the Grid Setup icon in the bottom-right corner of the page.

Flagging Images

Sometimes, it can be useful to flag certain images and loops so they can be located quickly. To flag an item in the Study Viewer:

1. Navigate to an item you want to flag.
2. In the upper right corner, click the Flag icon. The flagged item is highlighted in the menu of thumbnails to the left of the viewing pane.

You can flag as many items as you like.

To view only the items you've flagged, click the **Flag** icon to the left of the viewing pane. The list of thumbnails now includes only flagged images.
To return to the full list of items, click the Flag icon to the left of the viewing pane again.

Not Visualized Vessels

The Venous LE, Arterial LE, and Abdominal Aorta worksheets provide users with an easy method to mark vessels as “not visualized”. This functionality can be used to indicate that a vessel was looked for but was not visualized.

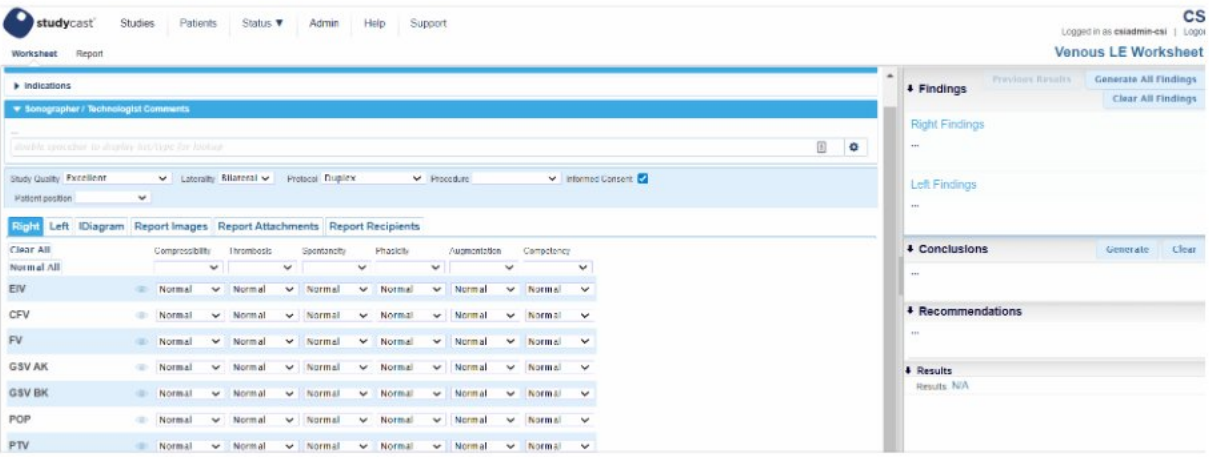
> **Note:** “Not visualized” should not be used in the same capacity as an “inconclusive” result. Please use the observations dropdown fields to mark vessels “inconclusive”.

To use this feature, navigate to any of the supported worksheets and find the eye icon, which is located to the right of the vessel label.

This icon toggles between two states, which are shown in the table below.

Icon	State	Description
	inactive	When the icon is inactive, it has no impact whatsoever on your worksheet or report. This is the state you will see by default in the worksheet.
	active	When the icon is active, it indicates that the vessel was looked for, but was not visualized. It will lock the row of observations for the designated vessel, and will be reflected in the Findings statements, as well as the study report.

The eye icon will default to an inactive state.



Marking a vessel as “not visualized”:

Click on the inactive eye icon (

). The icon will now be in an active state (

). This will clear and lock the entire row of observations (dropdowns) for the vessel.

To see this reflected in your **Findings** statements, click **Generate All Findings**. The statements will now reflect that the vessel was not visualized.

In the study report, vessels marked “not visualized” will now appear in the observations and measurements table as **N.V.** or **Not visualized**.

LEFT

	Compressibility	Thrombosis	Spontaneity	Phasicity	Augmentation	Competency	Reflux Time (s)	AP (mm)	PV (cm/s)
CIV	Not visualized	Not visualized	Not visualized	Not visualized	Not visualized	Not visualized	N.V.	N.V.	N.V.
IIV						Absent	777	555	111

To remove a vessel’s status of “not visualized”:

Click on the active eye icon (

). It will now be in an inactive state (

), and the row of observations will no longer be locked.

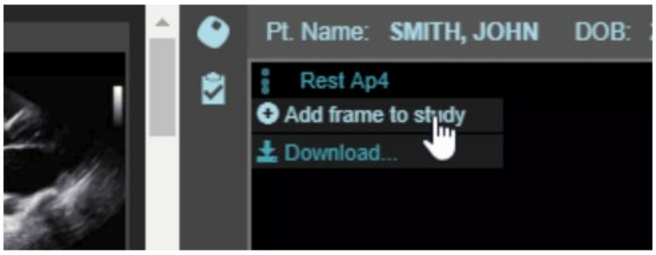
To see this reflected in your **Findings** statements, click **Generate All Findings**. The statements will no longer reflect that the vessel was marked “not visualized”.

Add a Cine Frame to a Study

Add a Cine Frame to a Study

To add a frame from a cine loop to a study as a still image:

1. Pause the cine loop using the **Pause** button at the bottom of the Study Viewer. Use the controls to step forward or backward to get to the frame you want to add.
2. In the top left corner of the image pane, click the three dots icon.
3. In the menu that opens, select **Add frame to study**.



The frame is added to the bottom of the list of thumbnails on the left side.

Reload Study Measurements / New measurements were received

If you upload studies with the CoreGateway uploader, it is possible to open a study worksheet before all the measurements have been populated. Once the worksheet is open, the measurements will not automatically populate as you work, but you will receive a notification along the bottom of the screen that indicates that new measurements have been received.

To populate new measurements from the modality:

Open the Tools menu in the bottom left of the worksheet and select Reload Measurements. (Or, click Show Details in the notification at the bottom of the screen).

The Apply Measurements window opens. By default, the values received from the modality are checked. If more than one value was received for the same measurement field, the most recently received measurement will be checked by default. Ensure that the values you would like to populate in the worksheet are checked.

The Re-generate findings statements box is checked by default. If this box is left checked, the Edit Findings window will open. This window allows you to edit individual findings statements impacted by the measurements that have been selected.

Click OK.

Selected values will populate in the worksheet.

Change Study Type

Change Study Type

See this article in [Studycast Help]

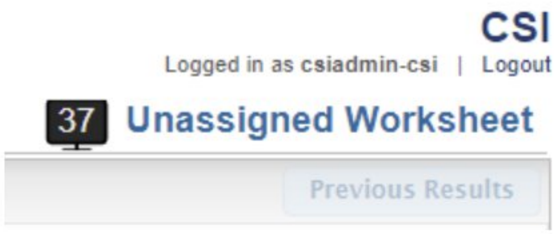
If the study type is incorrect or is listed as Unassigned, you can change it on the Studies page or the Worksheet.

Studies Page

1. Click the study ID to open the **Study Properties** window.
2. Click the study type text and select the correct study type from the drop-down list.
3. Click the **OK** button.

Worksheet

1. Click the study type in the top right corner.



2. In the **Change Study type** window, select the correct study type from the drop-down list.
3. Click the **Change** button and then the **Confirm** button.

Study Type Codes

Study Type Codes

See this article in Studycast Help

STUDYTYPE	PROTOCOL	ALIAS
AAA		aaa
Abdomen	Abdomen	abd
Abdomen	Gallbladder	gall
Abdomen	Liver	liv
Abdomen	Renal	ren
Abdomen	Retroperitoneal	ret
Abdomen	RUQ	ruq
Abdomen (Vet)		abdvet
Abdomen and Pelvis XRay		abdpelxr
Abdomen XRay		abdxr
Abdominal Aorta	Duplex	abdaor
Abdominal Aorta	EVAR	evar
Abdominal Aorta	Duplex with Exercise	abdaorexer
ABI		abi
ABI	Exercise	abiexer
ABI	Digit Analysis	abidigit

Angiography	Abdominal Angiogram	angiogr
Angiography	Abdominal Ao with Runoffs (Suprarenal)	angiogrsup
Angiography	Abdominal Ao with Runoffs (Infrarenal)	angiogrinf
Angiography	Upper Extremity Angiogram	angiogrue
Ankle XRay		anklexr
Arm XRay		armxr
Arterial LE	Graft	artgraftle
Arterial LE	Duplex	lea
Arterial LE	Duplex	art
Arterial LE	Duplex with Exercise	leaexer
Arterial UE	Duplex	uea
Arterial UE	Graft	ueagraft
Arthrography		arthrogr
A-V Fistula		avfistula
A-V Fistula	Radialcephalic	avfrad
A-V Fistula	Brachialcephalic	avfbc
A-V Fistula	Brachialbasilic	avfbb
A-V Fistula	Endovascular	avdendo
Barium xray		bariumxr

Biopsy		biopsy
Body CT		bodyct
Breast		bre
Cardiac cath		cardcath
Carotid		Carotid
Carotid		car
Carotid		carltd
Chest CT		chestct
Chest Wall		chw
Chest XRay		chestxr
CIMT		cimt
Coronary Angiogram		corangiogr
CT Abdomen and Pelvis		ctabdpelv
CT Colonography		ctcolon
CT Enterography		ctenterogr
CT Head Perfusion		ctheadperf
Custom		cust
Digital Subtraction		digsubtrangiogr

Angiography		
Echo		echoafib
Echo	Transthoracic	echo
Echo	Transthoracic	ech
Echo	Pediatric	ped
Echo	Transesophageal	tee
Echo (vet)	Transthoracic	echvet
Echo (vet)	Transesophageal	teevet
EEG		eeg
EKG		ekg
Elbow XRay		elbowxr
Electrophysiologic procedure		electrophys
ETT		ett
Fetal Echo		fetech
Fetal Echo	Extensive	fetechext
Fetal Non-Stress Test		fnst
Fistulography		fistulogpr
Focused Echo		focused
Foot XRay		footxr
Guided injection		guideinj

Hand XRay		handxr
Head CT		headct
Hip XRay		hipxr
Holter		holter
Hystersalpinogram		hystersalpinogr
IV placement		ivplacement
Knee XRay		kneexr
Leg XRay		legxr
Lumbar puncture		lumbpunct
Lung XRay		lungxr
Mesenteric Artery	Duplex	sma
Mesenteric Artery	Graft	smagraft
Mesenteric Artery	Post-Operative Duplex	smapostop
Mesenteric Artery	Post-Prandial	smapp
MMT		mmt
MR Angiography		mrangiogr
MRI: Prostate		mripro
MSK		msk

Nuclear Cardiac	SPECT	nuclear
Nuclear Cardiac	PET	nucpet
Nuclear Cardiac	MUGA	nucmuga
Obstetric		obs
Parathyroid 4 DCT		parathyroid
Pediatric CT		pedct
Pelvic	Female	pel
Pelvic	Male	pelm
Pelvic	Sonohysterosalpingogram	pelshs
Pelvic	Sonohysterography	pelshg
Pelvic Venous	Pelvic Venous Duplex	pelvenousdup
Pelvic Venous	Post-Embolization	postembol
Pelvis XRay		pelvxr
Percutaneous vertebroplasty		percuvert
PET/CT		petct
Post Void Residual		void
Prostate		pro
Renal Artery		renart
Retrograde urethogram		retrogruret
Screening	HeartScan	hsc

Screening	LifeScan	lifescan
Screening	Vascular	vsc
Scrotal		scr
Segmental Pressures	LE Complete	seg
Segmental Pressures	LE Complete w/ Exercise	segexer
Segmental Pressures	LE Limited	seglim
Shoulder XRay		shouldxr
Sinuses CT		sinusct
Sleep		sleep
Soft Tissue		sti
Spinal Lower		lspinal
Spinal Upper		uspinal
Spine CT		spinect
Spine XRay		spinexr
Stress Echo	Adenosine	straden
Stress Echo	Dipyridamole	strdip
Stress Echo	Dobutamine	pst
Stress Echo	Exercise	str
Thigh XRay		thighxr

Thyroid		thy
Transcranial Doppler	Complete	tcd
Transcranial Doppler	Limited	tcdlim
Unassigned		ncs
Unassigned		ncsemg
VAT		vat
Vein Mapping		veinmp
Vein Mapping LE		veinmple
Vein Mapping UE		veinmpue
Venous Intervention		venint
Venous LE	Duplex	ven
Venous LE	Duplex	lev
Venous LE	Insufficiency	venins
Venous LE	Post Ablation	venpa
Venous LE	Reflux	levre
Venous LE	Abdominal Venous	levabdven
Venous LE	Iliocaval	levilio
Venous UE		uev
Vestibular		vestibular
Vscan Focused Echo		vscanfocused

Wrist XRay		wristxr

Additional Comments

Additional Comments

Throughout the Studycast system, you will see text input fields with a gear icon, called Additional Comments fields.

These fields have type-ahead functionality, meaning that the list of items matching your search will adjust to maintain relevance as you type. Additionally, you can add and edit personalized statements, or comments, in the Additional Comments list.

Once created, these comments will be available to the entire reading group associated with the worksheet in use at the time of creation.

To edit a list of comments:

1. Click the gear (if active) to the right of an Additional Comments field. An edit window opens.
    - To add a new item to the list, type the text into the field and click the **Add** button.
    - To reorder the list of comments, click and drag the comments to the desired spots in the list.
    - To delete a comment from the list, click the **X** next to that item.
2. When you are finished editing the list, click the **Save** button to save your changes.

Note: Changes made to Additional Comments will be reflected across the entire reading group to which they are assigned. Deleting a comment will also remove it from the list for all other members of your reading group.

Watch the video

Configure Worksheet

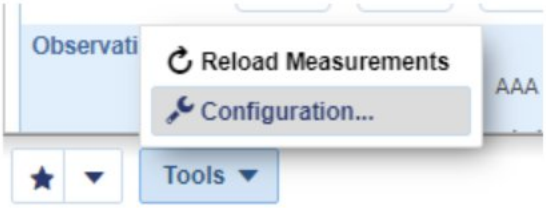
Configure Worksheet

Some worksheets can be configured to include or exclude certain items, such as vessels, observations, and measurements. Ideally, your facility will already have default configurations in place for each study type worksheet. If it does not, or if you want to change your default worksheet configuration, contact Studycast support for assistance.

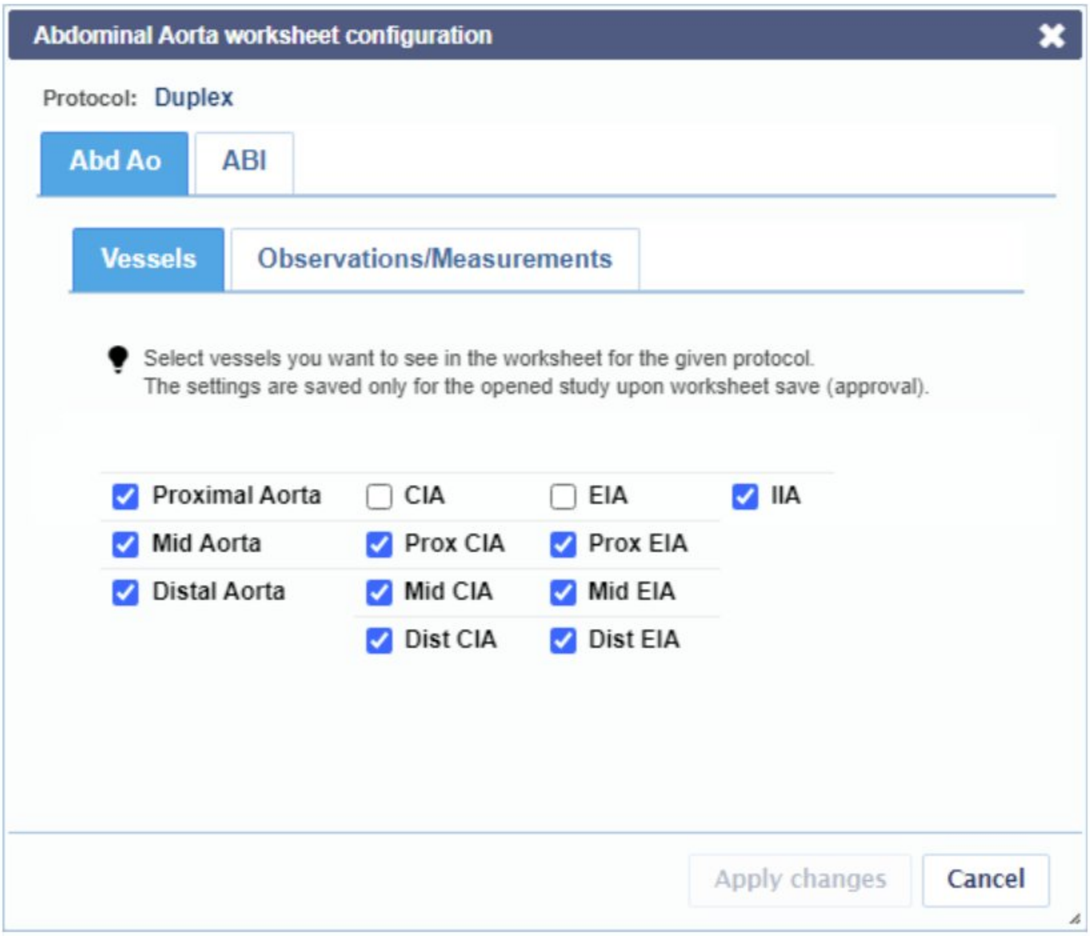
For worksheets that are configurable, you can override the default configuration for an individual study by going to **Tools > Configuration**.

To configure the worksheet:

1. Open the **Tools** menu in the bottom left of the worksheet and select **Configuration**.



The **Worksheet Configuration** window for that study type and protocol appears.



2. Items with a check are displayed on the worksheet. To hide an item, click the box to uncheck it. To include an item not currently displayed, click the unchecked box.
3. For some study types, the **Worksheet Configuration** window has multiple tabs. Click each tab to configure the items on that tab.
4. When you are finished changing the configuration, click **Apply changes**. The **Worksheet Configuration** window closes and the worksheet now displays your new configuration.

Note: When you change the worksheet configuration, your changes apply only to the study you are currently viewing. Your changes are not applied to other studies. To set a new configuration that is applied to all studies of the same type and protocol, contact Studycast support.

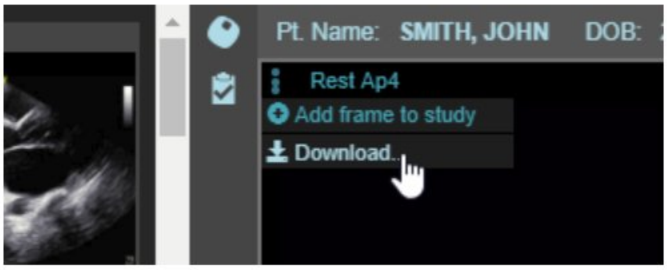
Download an Image

Download an Image

You can download an image or a paused cine loop frame to a local or network drive.

To download an image:

1. In the top left corner of the image pane, click the three dots icon.
2. In the menu that opens, select **Download**.



3. Select a location and save the image.

Stress Echo Views

When viewing stress echo images and loops, you have additional options for displaying loops by stage and view.

Enable Stress View button

The **Enable Stress Views** button displays standard quad views for stress echo exams. When clicked, the Stress Views list at the bottom of the Study Viewer becomes active. Open the list to choose a different view.

Apply Default Stress Labels button

The **Apply Default Stress Labels** button applies standard labels to the images based on the stage and view data in the DICOM. The labels are automatically applied when the study is uploaded. However, if you have overwritten the labels that were uploaded, click this button to reset them.

For Stress Echo and Pharmacological Stress Echo studies, the groups and labels listed below are applied by default, but alternate lists are available. To use an alternate list, contact Studycast support.

Group	Contains Images Labeled...
Rest	Rest Ap2, Rest Ap4, Rest PLAX, Rest PSAX
Impost	Impost Ap2, Impost Ap4, Impost PLAX, Impost PSAX
Parasternal	Rest PSAX, Impost PSAX, Rest PLAX, Impost PLAX
Apical	Rest Ap2, Impost Ap2, Rest Ap 4, Impost Ap4
Low	Low Ap2, Low Ap4, Low PLAX, Low PSAX
Inter	Inter Ap2, Inter Ap4, Inter PLAX, Inter PSAX
Peak	Peak A2C, Peak A4C, Peak PLAX, Peak PSAX
Recovery	Recovery A2C, Recovery A4C, Recovery PLAX, Recovery PSAX

Recovery	Recovery A2C, Recovery A4C, Recovery PLAX, Recovery PSAX
Ap2 Pharm	Rest Ap2, Low Ap2, Inter Ap2, Impost Ap2
Ap4 Pharm	Rest Ap4, Low Ap4, Inter Ap4, Impost Ap4
PLAX Pharm	Rest PLAX, Low PLAX, Inter PLAX, Impost PLAX
PSAX Pharm	Rest PSAX, Low PSAX, Inter PSAX, Impost PSAX

Creating Custom Views

In addition to the standard stress views, you can create custom groups that include images or loops you choose.

To create and view a custom group:

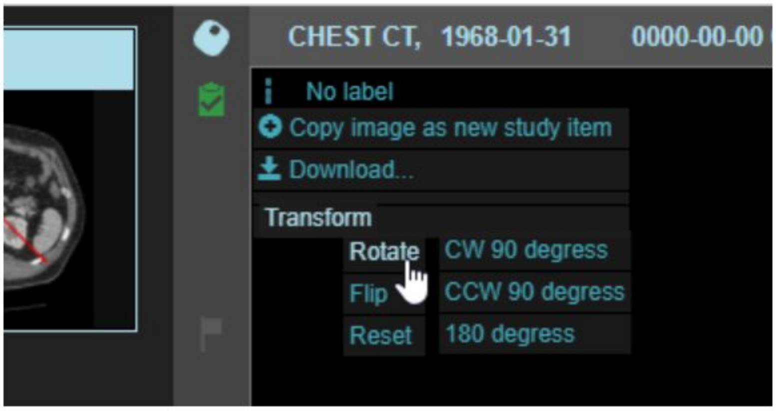
1. Select an item in the list of thumbnails on the left side of the Study Viewer.
2. In the top left of the image pane, click **No label**. In the menu that opens, select a label for the current item. To create custom groups, select one of the numbered custom labels.
3. Repeat steps 1 and 2 for each item you want to label.
4. When you are finished labeling items, click the **Enable Stress View** icon to the left of the viewing pane. The **Stress Views** list below the viewing pane is now active.
5. Open the **Stress Views** list to select a different view. The menu includes groups listed in the table below, as appropriate, and two custom groups, the images you labeled Custom 1-4 and the images you labeled Custom 5-8.

Rotate or Flip an Image

To rotate or flip an image:

1. In the top left corner of the image pane, click the three dots icon.
2. In the menu that opens, select **Transform**.
3. Select **Rotate** or **Flip**.
    a. If you select **Rotate**, you can choose to rotate the image clockwise 90 degrees, counterclockwise 90 degrees, or 180 degrees.
    b. If you select **Flip**, you can choose to flip the image along its horizontal or vertical axis.

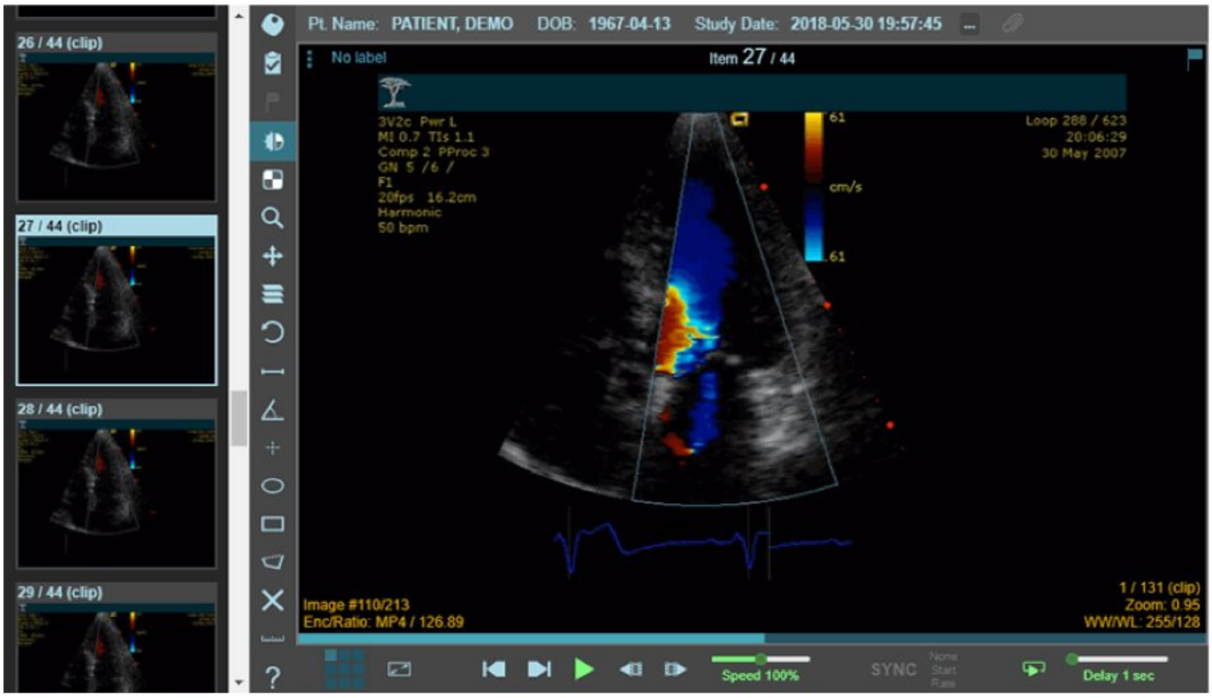
If you are viewing multiple images at a time, only the image in the active viewport will be affected.
To return the image to its original orientation, open the **Transform** menu and select **Reset**.



Transform menu

Studycast Viewer

When you open the Study Viewer, the first image in the study is displayed. If the first image is a cine loop, it begins playing automatically. Thumbnails of available images appear in a scrolling list on the left side of the viewer. To view an image or loop, select it from this list. You can also navigate study images using the arrow keys on your keyboard and the play controls below the image.
Thumbnails of cine loops and image stacks have icons in their top right corner to differentiate them from single or static images.



Study Information

The patient's name, DOB, and study date appear at the top of the window. To see additional information, click the three dots to the right of the study date.

If the study has attachments, the Attachments button will be active and will display the number of attachments. To open the attachments, click the button.

If the patient has previous studies, the Other Studies button will be active. Click the button to see a list of previous studies available. Click on a study in the list to open it in a new tab.

DICOM Overlays

The viewer will display the following DICOM tags if they are present:

- Heart Rate (HR)
- Patient Name
- Patient DOB
- Sex

- Sex
- Institution Name
- Study Date
- Study Time

If you would like to suppress these tags so they are not displayed on study images and loops, contact Studycast support.

Play Controls

Play controls are located at the bottom of the Study Viewer.

Previous Item (Up Arrow)

- Displays the previous image in the study. If you are viewing images 2-up or 4-up, the Previous Page button displays the previous 2 or 4 images.

Next Item (Down Arrow)

- Displays the next image in the study. If you are viewing images 2-up or 4-up, the Next Page button displays the next 2 or 4 images.

Play All (None)

- Plays all images in the study in order with the selected delay between the images.

Delay slider (None)

- Sets the amount of time each image is displayed in Play All mode.

Play (Space Bar)

- Plays the cine loop.

Pause (Space Bar)

- Pauses the cine loop.

Previous Frame (Left Arrow)

- Steps back one frame at a time in the cine loop.

Next Frame (Right Arrow)

• Steps forward one frame at a time in the cine loop.

Speed Slider (None)

• Controls the speed at which cine loops play.

Fullscreen Viewing

Use the Fullscreen button to the left of the play controls to toggle between full-screen mode and back. You can also exit fullscreen mode by pressing the ESC key on your keyboard.

View Multiple Images

When the Study Viewer opens, it displays a single image from the study. To view up to nine images simultaneously, use the control at the bottom left.
When viewing images in the viewing pane, you can choose any combination of images you'd like to see. Simply find an image in the list of thumbnails on the left. Then drag and drop the image into the viewing pane. When you open a new study, the viewer will default to the view you most recently used for the same study type.
To select the number and layout of simultaneous images in the viewer, move your cursor over the control. When the desired layout is highlighted in the control, click to select it.

View Reference Lines

For series that include reference line data, the reference lines will be displayed automatically in the inactive viewports when viewing multiple series simultaneously. Click a viewport to make it the active one. The reference lines in the inactive viewports automatically update as you scroll through the series in the active viewport.

To hide the reference lines, click the toggle at the bottom of the viewer. To once again show the reference lines, click the toggle again.

Speed and Sync

To control the speed of a cine loop, use the Speed slider control at the bottom of the Study Viewer.

When viewing two or four cine loops at a time, you can sync the loops using the SYNC menu at the bottom of the Study Viewer.

Sync Option - Description

- None - Cine loops play at their own rate and are not synced with each other.
- Start - All cine loops start at the same time and play at normal speed.
- Rate - All cine loops start at the same time and automatically adjust to end at the same time. Faster loops are slowed down to match the speed of slower loops.

Play All and Delay

To view all images in the list of thumbnails in sequence, click the Play All button in the bottom right. Use the Delay slider to set the amount of time the viewer displays each image. The delay value you select will be used for all studies and images until you choose a different value or close the browser.

View Controls

When you open a new study, the viewer will automatically select the control you used most recently for the same study type.

Button	Function
WW/WC	For ultrasound and other imaging modalities that do not produce images with a high bit-depth, control functions as brightness and contrast. To change the brightness, click and drag the mou and down in the viewport. To change the contrast, click and drag the mouse right and left. To a brightness and contrast to all viewports (all images in the study), hold Ctrl key while dragging tl mouse. For CT scans and other modalities that produce high bit-depth images, the window width and window center control the range of grayscale that can be displayed. With this tool, the user car specify the range of colors that are visible. Colors above this range appear as white. Colors be this range appear as black. To adjust these settings, click and drag the mouse in the viewport. •Right increases the window width •Left decreases the window width •Up increases the window center •Down decreases the window center
	Inverts the colors in the image.

Invert	
Zoom	Allows the user to zoom the item in the viewing pane in and out. To zoom, hold the left mouse button down and move the cursor up or down.
Pan	Allows the user to drag the item in the viewing pane in any direction.
Stack Drag	To scroll through frames in a loop using the mouse: 1.Click the Stack Drag button 2.Place the cursor over the item in the viewing pane 3.Hold the left mouse button down and scroll up or down
3D Cursor	Allows the user to locate a single point in multiple views on different planes. When the 3D Curs placed on an image in the active viewport, the series in the inactive viewports automatically up to display the corresponding view with crosshairs marking the same anatomical location.
	Resets the item to the default view.

Reset View	

Button	Function
 Length	Allows the user to measure length along a straight line.
 Angle	Allows the user to measure an angle.
 Crosshairs	Allows the user to mark a spot on an image to take a velocity measurement using the point method.

Navigation

Button	Function
Studycast Icon	Click to return to the Studies page.
Elliptical ROI	
Worksheet Icon	Click to open the Worksheet. This icon changes color to indicate the study's status.

Report Icon	Click to view the Study Report.
Rectangular ROI	
	Allows the user to define and measure the area of a custom polygon.
Custom Polygon ROI	
	Allows the user to define and measure the area of a drawn shape.

Viewer Settings: Clearing/Disabling the Image Cache

The image cache can be manually cleared or disabled from Viewer Settings.

Click the gears button in the upper right to access Viewer Settings.

The Viewer Settings window opens.

To disable image caching, click to toggle the Image cache option to the off position. To clear the image cache, click Clear.

Viewer Settings Window

Heart Rhythm Abbreviations

The following is a list of heart rhythms abbreviations available on Studycast and their full description.

Abbreviation	Description
AF	ATRIAL FIBRILLATION
AFL	ATRIAL FLUTTER
AFLRR	ATRIAL FLUTTER WITH RAPID VENTRICULAR RESPONSE
AFLVP	ATRIAL FLUTTER WITH VENTRICULAR PACING
AFRR	ATRIAL FIBRILLATION WITH RAPID VENTRICULAR RESPONSE
AFVP	ATRIAL FIBRILLATION WITH VENTRICULAR PACING
AJR	ACCELERATED JUNCTIONAL RHYTHM
ASVP	ATRIAL SENSING WITH VENTRICULAR PACING
AT	ATRIAL TACHYCARDIA
AVP	ATRIAL AND VENTRICULAR PACING
EAR	ECTOPIC ATRIAL RHYTHM
IVR	IDIOVENTRICULAR RHYTHM
JR	JUNCTIONAL RHYTHM
MAT	MULTIFOCAL ATRIAL TACHYCARDIA
NPACE	NORMAL PACEMAKER RHYTHM
NR	NOT READABLE
NSR	NORMAL SINUS RHYTHM
PAC	PREMATURE ATRIAL COMPLEXES
PACEAF	ATRIAL FIBRILLATION WITH VENTRICULAR PACED RHYTHM
PACEFC	PACEMAKER FAILURE TO CAPTURE
PACEFP	PACEMAKER FAILURE TO PACE

PACENSR	NSR WITH VENTRICULAR PACED RHYTHM
PSVT	PAROXYSMAL SUPRAVENTRICULAR TACHYCARDIA
PVC	PREMATURE VENTRICULAR COMPLEX
RRO	REGULAR RHYTHM,UNDETERMINED ORIGIN
SA	SINUS ARRHYTHMIA
SB	SINUS BRADYCARDIA
SRSA	SINUS RHYTHM WITH SINGLE PACS
SRSV	SINUS RHYTHM WITH SINGLE PVCS
SSS	SICK SINUS SYNDROME
ST	SINUS TACHYCARDIA
SVT	SUPRAVENTRICULAR TACHYCARDIA
VBIG	VENTRICULAR BIGEMINY
VT	VENTRICULAR TACHYCARDIA
VTRI	VENTRICULAR TRIGEMINY
WPW	WOLF-PARKINSON-WHITE

Patient Position Definitions

The following selections are available on the Venous LE and Vein Mapping LE worksheets for **Patient Position**.

> ⓘ We can set a default position for clients per study protocol.

Position (short)	Position (long)
Upright	upright
Supine	supine
Prone	prone
Supine RT	supine reverse Trendelenburg
Prone RT	prone reverse Trendelenburg
Up & Sup	upright then supine
Up & P	upright then prone
S & P	supine then prone
Up & Sup Rt	upright then supine reverse Trendelenburg
Up & P RT	upright then prone reverse Trendelenburg
S & P RT	supine then prone reverse Trendelenburg
Depend	dependent
Standing	standing
RT	reverse Trendelenburg
Standing & RT	standing then reverse Trendelenburg
Sup & up	supine then upright

Staff Users & Referring Physicians

Exported: 5/15/2026

11 articles

Table of Contents

Search for Studies

Search for Studies

Using the search bar at the top of the Studies page, you can search for studies that meet criteria you select.

Define a search

1. On the left side of the search bar, click **Select Criteria** and select an item from the list. All columns on the Studies page are available as search criteria.
2. Enter the requested information for the item you selected. Depending on the item, you will see one of the following:
   - **Blank field:** Enter the text you wish to search for.
   - **Drop-down list:** Select the option you wish to search for.
   - **Calendar:** Select the date you wish to search for. If you want to search a range of dates, you will need to select both **Date From** and **Date To** in the search criteria.
3. Select additional search criteria if needed.
4. When you are finished selecting criteria, click the **Search** button. The Studies page now lists only the studies that meet your search criteria.

Clearing Search Criteria

To remove any item from your search criteria, click the **X** next to that item.

To clear all search criteria and return to the complete list of studies, open the drop-down menu on the **Search** button and select **Reset**.

> **Note:** If you do not reset your search, the system continues to apply the selected search criteria each time you view the Studies page. The next time you log in, the Studies page will display only those studies that meet the search criteria.

If there are searches you perform often, it can be helpful to save them as reusable filters. To learn how, see Filter the List.

Print Reports

Print Reports

You can print multiple study reports at a time from the Studies page. To print reports,

1. Check the box next to each study you want to include.
2. Click the arrow at the top of the check box column. In the menu that opens, select

   Print reports.

   - The **Prepare reports for printing** window opens. If any studies you selected do not have a report, they are listed here.
3. Click the **Prepare** button to generate the PDF. A single PDF is created. This PDF contains all the reports you selected.

> Please note you can print a maximum of 100 reports at a time.

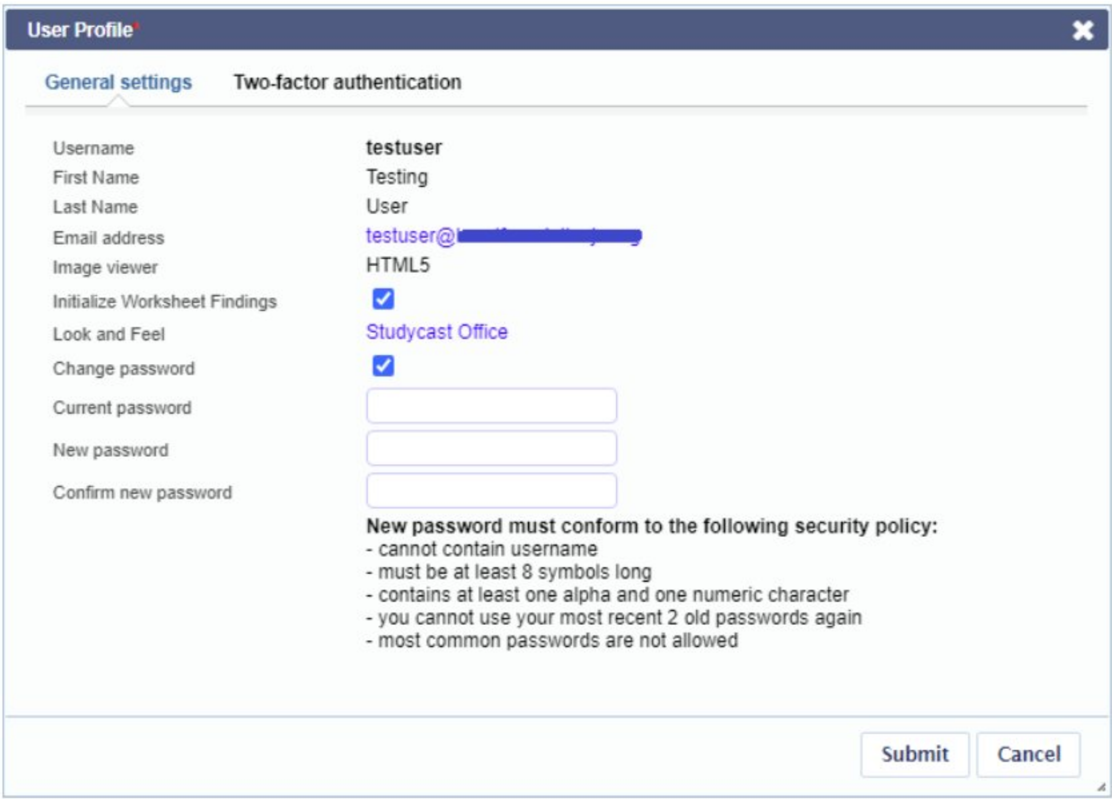
Change Password

Change Password

> **Note:** The system will not allow you to use a password that is on the list of Prohibited Passwords.

To change your password:

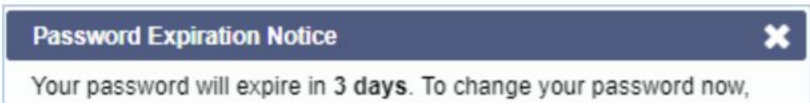
1. On the Studies page, click **Profile** in the top right corner.
2. In the **General settings** tab, check the **Change password** box.

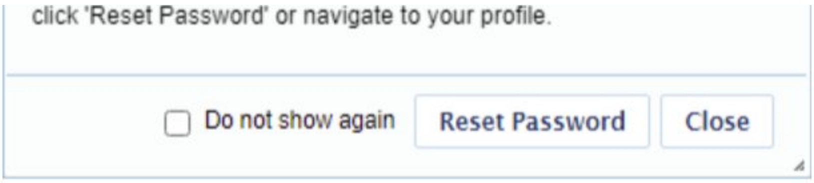


3. Enter your old password. This is the password you used to log into the Studycast system today.
4. Enter a new password that conforms to the security policy listed at the bottom of the window.
5. Enter the new password a second time to confirm.
6. Click **Submit**.

Your password has been changed. Use the new password the next time you log into the Studycast system.

The Studycast system will remind you your password is about to expire beginning 5 days prior to your password expiration date.





To change your password immediately click **Reset Password** in the dialog or click **Close** to change at a later time.

Save List

Save a List of Studies

You can save a list of studies from the Studies page in PDF, HTML or CSV format to your computer or network. To save a list press the Save List button in the bottom-left corner of the Studies page. For more information on using Save List see Studycast Help

Batch Actions

View or Edit Properties for Multiple Studies

You can make changes to multiple studies at once on Studycast using the Group Action feature. This is useful if you want to change the Study Type or assigned reading physician on multiple studies at once, instead of modifying each individually.

To edit the properties for multiple studies, start from the Studies page.

1. Click the check box next to each study you want to edit.
2. Click the down arrow at the top of the check box column. In the menu that appears, select Properties.
    - The Study Properties window opens. It displays only the properties you can change for all selected studies.
3. To change a property, click No change and select a different option. If you change the date of service, you can enter a comment to explain the change. If a study's status is Final, you cannot change the Reading Group, Reading User, Referring Group, or Referring User.
4. To apply your selections, click OK.

Grid Setup

Grid Setup

The Studies page can be configured to display only the columns you want in whatever order you choose. Y
To configure the Studies page,

Click the Grid Setup button Grid Setup button in the lower right corner of the Studies page.

The Select columns window appears.

The left side of the window lists columns that are currently displayed in the Studies page. The right side list

- Reorder Columns: To reorder the columns on the Studies page, click and drag each column you would
- Remove Columns: To remove a column so that it does not appear on the Studies page, click the minus
- Add Columns: To add a column to your Studies page that is not currently displayed, click the plus sign r a different spot in the list.

Click OK to apply your changes and close the window.

Update Your User Profile

To update your user profile, click Profile in the top right of the Studies page. The User Profile window opens, and the General settings tab is selected by default.

Email address

To change the email address associated with your user profile, click the address and begin typing. Then click Submit.

Image viewer

The HTML5 is the default version of the viewer and provides better performance and greater compatibility across devices and operating systems.

Initialize Worksheet Findings

Uncheck this option to disable the automatic generation of Findings statements when a worksheet is first opened.

Look and Feel

Click to choose a different theme.

- Office: Designed for viewing in a typical, well lighted office setting
- Viewing Station (dark): Studycast dark mode / dark theme was designed for viewing in a traditional viewing station or other low-light environment

Change Password

To change your password:

1. On the Studies page, click Profile in the top right corner.
2. In the General settings tab, check the Change password box.
3. Enter your old password. This is the password you used to log into the Studycast system today.
4. Enter a new password that conforms to the security policy listed at the bottom of the window.
5. Enter the new password a second time to confirm.
6. Click Submit.

Your password has been changed. Use the new password the next time you log into the Studycast system.

Delete Browser Data

When checked, Studycast platform data (including cookies, cached images and files, and settings) will be deleted upon user logout.

Two-Factor Authentication

In this tab, you can enable and set up Two-Factor Authentication (2FA), which provides additional security for your Studycast account by requiring users to enter an access code at login in addition to the username and password. For more information, see Two-Factor Authentication.

Apply Presentation States

By default, presentation states display in the Viewer. Uncheck Apply Presentation States in a user's profile to disable displaying presentation states by default

disable displaying presentation states by default.

Configure the Patients Grid

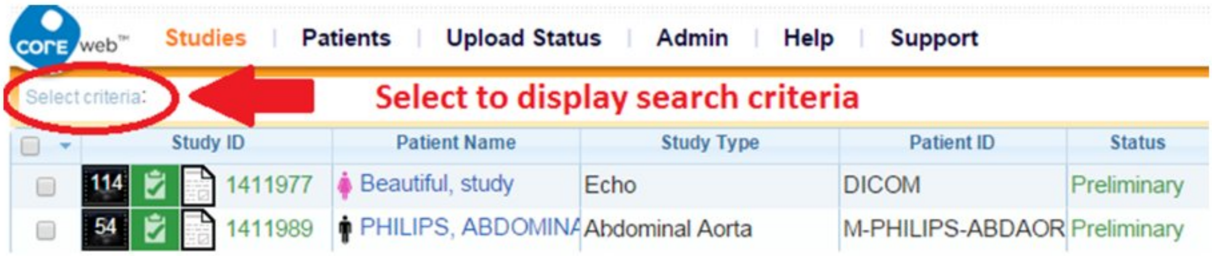
The Patients page can be configured to display only the columns that are relevant to you in whatever order you choose. Your configurations are specific to your username and do not affect other users.
To configure the Patients page:

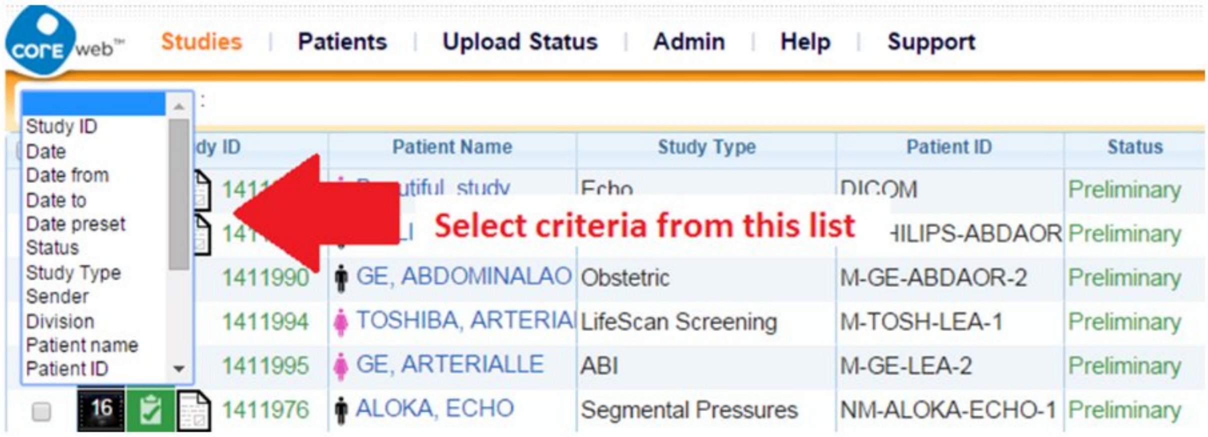
1. Click the Grid Setup button in the lower right corner of the Patients page. The Select columns window appears.
    a. The left side of the window lists columns that are currently displayed in the Patients page. The right side lists columns that are not currently displayed.
    b. To reorder the columns on the Patients page, click and drag each column you would like to move to a different spot in the list.
    c. To remove a column so that it does not appear on the Patients page, click the minus sign next to that column's name in the left side of the window. Removing a column from your Patients page view does not affect the data. You can restore the column to your Patients page at any time.
    d. To add a column to your Patients page that is not currently displayed, click the plus sign next to the column name in the right side of the window. The added column appears at the bottom of the list on the left side of the window. Click and drag it to move the column to a different spot in the list.
2. Click OK to apply your changes and close the Select columns window.

Filter Favorites - Search Criteria

If you have searches on Studycast that you perform often, you have the ability to save them as Filter Favorites for quick retrieval.

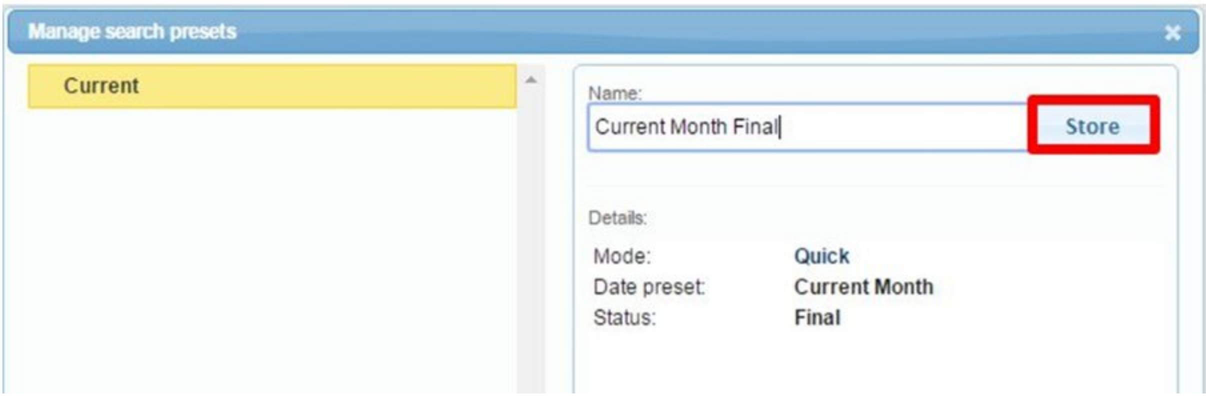
To begin, select your criteria on Studycast for the search.



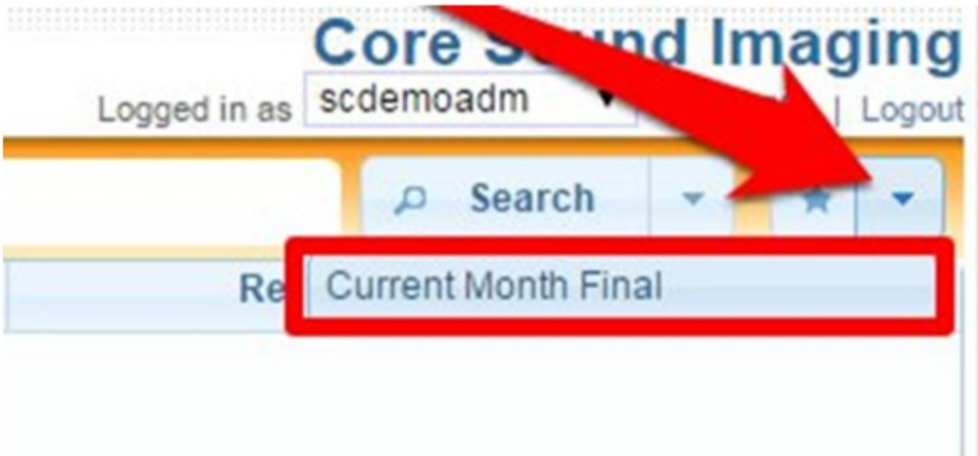


Once your search criteria is set, click on the star icon in the upper-right

This will open a window where you can give your search a name for easy retrieval. Enter a name, and click the Store button to save. You can then press OK to close the window.



Now, anytime you want to quickly apply this filter, simply click on the arrow next to the star icon, and choose it from the list.



Share Studies / CoreShare

Share Studies / CoreShare

See this article in [Studycast Help]

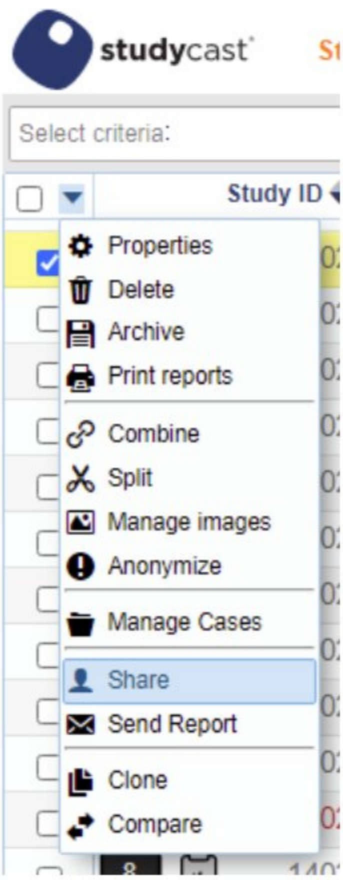
Studycast CoreShare™ is an easy way to send colleagues or patients a message with a secure link to view studies even if they do not have access to the Studycast system. The link can be sent by email or text message (SMS). When recipients click the link in the message they receive, they will be required to enter a passphrase to view the study.

If you do not have access to CoreShare, ask your administrator to add the **download archive/share study** permission to your username. Once you have this permission, you can share studies from the Studies page.

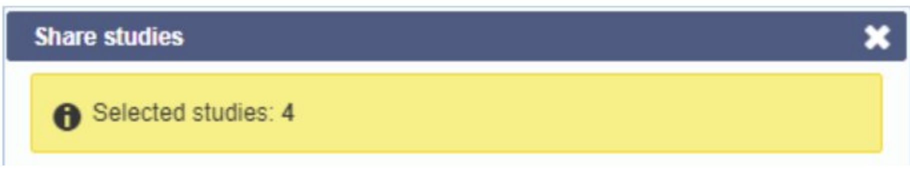
To share studies:

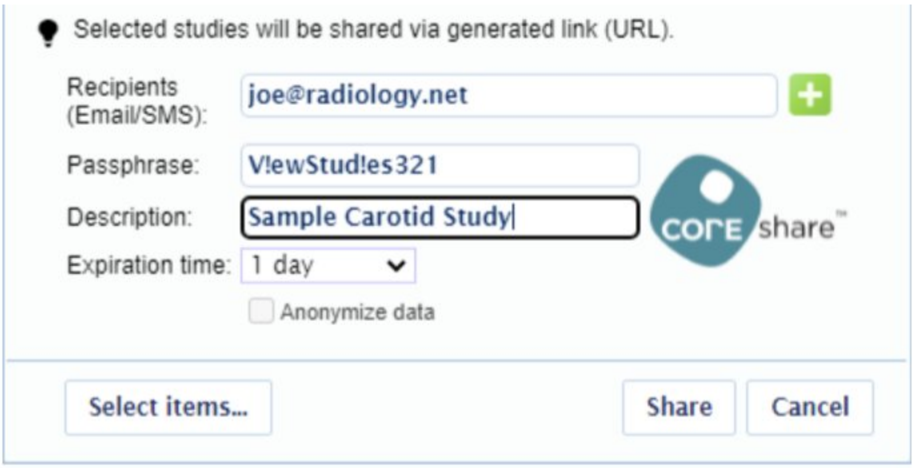
Click the check box next to each study you want to share.

1. Click the down arrow at the top of the check box column. In the menu that opens, select **Share**.



2. In the **Share studies** window, enter the necessary information.





- **Recipients:** For each recipient, enter the email or phone number and click the green plus button to add. If you want to remove a recipient, click the red minus button next to that recipient.
- **Passphrase:** To maintain the security and confidentiality of the studies, a passphrase is required. Enter any passphrase you want to use. The passphrase will **not** be included in the message. You will need to communicate the passphrase to recipients separately outside of the Studycast system.
- **Description:** Enter a short description of the studies.
- **Expiration time:** As a security measure, the link sent to the recipients will expire after the time specified. After that time, recipients will no longer be able to use the link to view the studies. Select the expiration time from the drop-down list. Each time you open CoreShare, it will display the expiration time you previously selected.
- **Anonymize data:** Check the box to anonymize study data.

> **Note:** This option does not affect patient data displayed within study images. To anonymize the study completely, you must mask patient information in the images with annotations first. Be sure the **Include as permanent burn-in** box is checked.

- **Select items:** Click the button to open the **Select Study Items for Sharing** window. When the window opens, click the bar for each patient to select items.

Recipients will be able to view all items selected in this window. By default, the box for **Include report** is checked. Uncheck the box to send images without the report. All images are selected by default. Click each image you want to exclude. Excluded images are covered with a large X.

If you selected multiple studies, click the bar for each study to select items.

When you are done selecting images, click **OK**. The **Select Study Images for Sharing** window closes.

4. In the **Share studies** window, click **Share** to send the message.

Attach Files to a Study

In the Studycast system, you can attach files to studies. For example, you might want to attach a patient's insurance information to a study or create a non-image study with attachments for EKG or Holter information.

Attach Files to an Existing Study

Files can be attached to a study from the **Study Properties** window.

1. On the Studies page, click the study ID to open the **Study Properties** window.
2. Select the **Attachments** tab.
3. Click the **Attach file** button.
4. Then locate and select file you want to attach.
5. Click the **OK** button to upload the file and attach it to the study.
6. To enter a description, click the dots (…) and enter text.
7. To make the attachment private, click No in the **Private** column and select Yes from the drop-down options. Once it is marked private, only users who have the View Private Attachments permission will be able to view it.

Create a Non-Image Study and Attach Files

> By default, only admins and sonographers/technologists have permission to create new studies manually. If you need for this permission to be added to your account, contact your admin.

It can be useful to create a study in the Studycast system that does not contain images but does have attachments, such as EKG or Holter information. To create a non-image study with attachments, start from the Studies page.

1. In the bottom left corner of the Studies page, click the **New Study** button.
2. In the **Create New Study** window, enter the required information, including study type, assigned physicians, and patient information.
   a. To enter information, click the text you want to edit or the dots for an empty field (…).
   b. If the patient is already in the Studycast system, click the dots (…) next to **Lookup Patient**. If the patient is not in the Studycast system, click the **Create Patient** button to add the patient.
3. Click the **Attach file** button.
4. Then locate and select the file you want to attach.
5. Click the **Create** button to create the new study with the file attached.
   a. To enter a description for the attachment, click the dots (…) and enter text.
   b. To make the attachment private, click No in the **Private** column and select Yes from the drop-down options.

View Attached Files

You can view attached files from several places in the Studycast system:

- **Study Properties window**: On the Studies page, click the study ID to open the Study Properties window. Click the Attachments tab. In the Actions column, click View.
- **Study Viewer**: On the right side of the window, the Attachments tab is red if the study has attachments. To

- **Study Viewer**: On the right side of the window, the Attachments tab is red if the study has attachments. To open an attachment, click the tab and then click View.
- **Worksheet:** If a study has an attachment, the worksheet will contain either an Attachments tab in the Measurements and Observations section or an Attachments button at the bottom of the window.

Delete Attached Files

You can delete an attached file from the Study Properties window. To delete an attached file,

1. On the Studies page, click the study ID to open the **Study Properties** window.
2. Click the **Attachments** tab.
3. In the **Actions** column, click **Delete**.

See Studycast Help for more information about adding and managing study attachments.

FAQs and Troubleshooting

Exported: 5/15/2026

40 articles

Table of Contents

Release Notes 2026

May 16, 2026 - Version 6.1.0.64

Branding

Refreshed the user interface to align with our rebrand

May 9, 2026 - Version 6.1.0.64

Patients

Patient SSN now auto-masks after 30 seconds, with all unmask actions logged in Admin Access logs for audit tracking.

May 2, 2026 - Version 6.1.0.63

Performance Improvements

Improved the Studies page load performance by optimizing queries, reducing load times

April 6, 2026 - Version 6.1.0.62

CoreGateway Update

Added the ability for users to download and install CoreGateway from Studycast, controlled by the Download CG permission.

Added the ability for client administrators to update CoreGateway to the latest release version from the Devices page in the Admin

March 21, 2026 - Version 6.1.0.61

Studies and Worksheets

Added the ability to edit Study Type field for locked studies

March 4, 2026 - Version 6.1.0.60

Studies and Worksheets

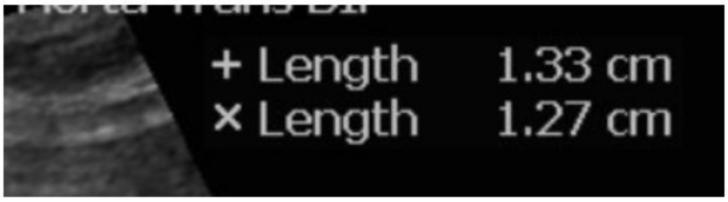
Support added for remote read-only studies

Structured Report and Calculation Packages

Studycast uses Structured Report data sent from the modality to auto-populate measurements on the Studycast worksheet. In order for measurement data to be included in the Structured Report, values need to be captured using the calculation packages on the imaging device for the type of study being performed.

One way to determine if a calculation package was used when taking measurements, is by looking at the study images. The sample images below are a good representation of this:

In this first image no calculation package was used. You can see the image has a value, but no label to identify what the measurement is for. In this example all we see is Length=1.33cm/1.27cm.



This next image is an example of a calculation package being used correctly. Here we see not only a measurement value, but also a label of LVOT Diam and LVOT Area to accompany it. This tells Studycast where the measurement belongs on the worksheet.

There are a variety of reasons why measurements may not populate the Studycast worksheet even when a calculation package is used, including:

- The Structured Report option needs to be enabled on the imaging modality.
- The equipment doesn't support export of Structured Report data.
- Studycast doesn't recognize the label being sent for the measurement, and a mapping update is needed to populate it correctly in the future.
- The label sent by the machine is missing required information like laterality (right/left), or vessel segment (prox, mid, distal).

Study Type Codes

Study Type Codes

See this article in Studycast Help

STUDYTYPE	PROTOCOL	ALIAS
AAA		aaa
Abdomen	Abdomen	abd
Abdomen	Gallbladder	gall
Abdomen	Liver	liv
Abdomen	Renal	ren
Abdomen	Retroperitoneal	ret
Abdomen	RUQ	ruq
Abdomen (Vet)		abdvet
Abdomen and Pelvis XRay		abdpelxr
Abdomen XRay		abdxr
Abdominal Aorta	Duplex	abdaor
Abdominal Aorta	EVAR	evar
Abdominal Aorta	Duplex with Exercise	abdaorexer
ABI		abi
ABI	Exercise	abiexer
ABI	Digit Analysis	abidigit

Angiography	Abdominal Angiogram	angiogr
Angiography	Abdominal Ao with Runoffs (Suprarenal)	angiogrsup
Angiography	Abdominal Ao with Runoffs (Infrarenal)	angiogrinf
Angiography	Upper Extremity Angiogram	angiogrue
Ankle XRay		anklexr
Arm XRay		armxr
Arterial LE	Graft	artgraftle
Arterial LE	Duplex	lea
Arterial LE	Duplex	art
Arterial LE	Duplex with Exercise	leaexer
Arterial UE	Duplex	uea
Arterial UE	Graft	ueagraft
Arthrography		arthrogr
A-V Fistula		avfistula
A-V Fistula	Radialcephalic	avfrad
A-V Fistula	Brachialcephalic	avfbc
A-V Fistula	Brachialbasilic	avfbb
A-V Fistula	Endovascular	avdendo
Barium xray		bariumxr

Biopsy		biopsy
Body CT		bodyct
Breast		bre
Cardiac cath		cardcath
Carotid		Carotid
Carotid		car
Carotid		carltd
Chest CT		chestct
Chest Wall		chw
Chest XRay		chestxr
CIMT		cimt
Coronary Angiogram		corangiogr
CT Abdomen and Pelvis		ctabdpelv
CT Colonography		ctcolon
CT Enterography		ctenterogr
CT Head Perfusion		ctheadperf
Custom		cust
Digital Subtraction		digsubtrangiogr

Angiography		
Echo		echoafib
Echo	Transthoracic	echo
Echo	Transthoracic	ech
Echo	Pediatric	ped
Echo	Transesophageal	tee
Echo (vet)	Transthoracic	echvet
Echo (vet)	Transesophageal	teevet
EEG		eeg
EKG		ekg
Elbow XRay		elbowxr
Electrophysiologic procedure		electrophys
ETT		ett
Fetal Echo		fetech
Fetal Echo	Extensive	fetechext
Fetal Non-Stress Test		fnst
Fistulography		fistulogpr
Focused Echo		focused
Foot XRay		footxr
Guided injection		guideinj

Hand XRay		handxr
Head CT		headct
Hip XRay		hipxr
Holter		holter
Hystersalpinogram		hystersalpinogr
IV placement		ivplacement
Knee XRay		kneexr
Leg XRay		legxr
Lumbar puncture		lumbpunct
Lung XRay		lungxr
Mesenteric Artery	Duplex	sma
Mesenteric Artery	Graft	smagraft
Mesenteric Artery	Post-Operative Duplex	smapostop
Mesenteric Artery	Post-Prandial	smapp
MMT		mmt
MR Angiography		mrangiogr
MRI: Prostate		mripro
MSK		msk

Nuclear Cardiac	SPECT	nuclear
Nuclear Cardiac	PET	nucpet
Nuclear Cardiac	MUGA	nucmuga
Obstetric		obs
Parathyroid 4 DCT		parathyroid
Pediatric CT		pedct
Pelvic	Female	pel
Pelvic	Male	pelm
Pelvic	Sonohysterosalpingogram	pelshs
Pelvic	Sonohysterography	pelshg
Pelvic Venous	Pelvic Venous Duplex	pelvenousdup
Pelvic Venous	Post-Embolization	postembol
Pelvis XRay		pelvxr
Percutaneous vertebroplasty		percuvert
PET/CT		petct
Post Void Residual		void
Prostate		pro
Renal Artery		renart
Retrograde urethogram		retrogruret
Screening	HeartScan	hsc

Screening	LifeScan	lifescan
Screening	Vascular	vsc
Scrotal		scr
Segmental Pressures	LE Complete	seg
Segmental Pressures	LE Complete w/ Exercise	segexer
Segmental Pressures	LE Limited	seglim
Shoulder XRay		shouldxr
Sinuses CT		sinusct
Sleep		sleep
Soft Tissue		sti
Spinal Lower		lspinal
Spinal Upper		uspinal
Spine CT		spinect
Spine XRay		spinexr
Stress Echo	Adenosine	straden
Stress Echo	Dipyridamole	strdip
Stress Echo	Dobutamine	pst
Stress Echo	Exercise	str
Thigh XRay		thighxr

Thyroid		thy
Transcranial Doppler	Complete	tcd
Transcranial Doppler	Limited	tcdlim
Unassigned		ncs
Unassigned		ncsemg
VAT		vat
Vein Mapping		veinmp
Vein Mapping LE		veinmple
Vein Mapping UE		veinmpue
Venous Intervention		venint
Venous LE	Duplex	ven
Venous LE	Duplex	lev
Venous LE	Insufficiency	venins
Venous LE	Post Ablation	venpa
Venous LE	Reflux	levre
Venous LE	Abdominal Venous	levabdven
Venous LE	Iliocaval	levilio
Venous UE		uev
Vestibular		vestibular
Vscan Focused Echo		vscanfocused

Wrist XRay		wristxr

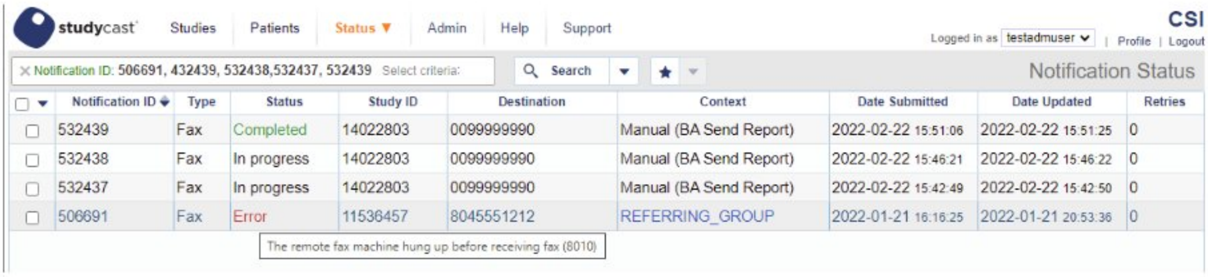
Resolve Failed Fax

Delivery of the final study report is an important part of your imaging workflow. If your Studycast account is set up to deliver reports by fax, you might have instances in which the fax delivery fails. When that happens, you'll automatically receive a Notification Error report at 7:00 am.

You'll want to follow these simple steps to resolve the issue and ensure that the report is delivered successfully.

Why Did the Fax Fail?

On the Notifications Status page, roll over **Error** in the Status column to see more information about why the fax failed.



Notification ID	Type	Status	Study ID	Destination	Context	Date Submitted	Date Updated	Retries
532439	Fax	Completed	14022803	0099999990	Manual (BA Send Report)	2022-02-22 15:51:06	2022-02-22 15:51:25	0
532438	Fax	In progress	14022803	0099999990	Manual (BA Send Report)	2022-02-22 15:46:21	2022-02-22 15:46:22	0
532437	Fax	In progress	14022803	0099999990	Manual (BA Send Report)	2022-02-22 15:42:49	2022-02-22 15:42:50	0
506691	Fax	Error	11536457	8045551212	REFERRING_GROUP	2022-01-21 16:16:25	2022-01-21 20:53:36	0

Fax Machine Unavailable

If the fax number is correct and the Status column rollover suggests the fax machine was simply unavailable, you can try sending the fax again.

1. Check the box next to the failed fax.
2. Choose **Reprocess** from the Batch Actions menu.

Fax Number Incorrect

If a fax has failed because the fax number is incorrect, follow this 3-step process to change the number and resend the fax.

1. Update the fax number so future faxes will be delivered successfully.
   - Click the link in the **Context** column.
   - Update the fax number - Don't forget to click **Save**!
2. Clear the error so it no longer shows up in your Notification Errors report .
   - Check the box next to the failed fax you want to clear.
   - Choose **Cancel** from the Batch Actions menu.
3. Resend the report to the correct fax number.
   1. From the Studies page, check the box next to the study, open the Batch Actions menu, and choose **Send Report**.
   2. Enter the fax number, click the green plus button, and then click **Send**.

Reprocess Fax Notifications

If notifications fail to send successfully because the receiving fax machine was not available, you should reprocess them within 14 days.

To reprocess:

1. Click the check box next to each notification you want to reprocess.
2. Select the batch action menu (V) at the top of the check box column.
3. In the menu that opens, select **Reprocess**.
4. Click **OK** to confirm.

Note: If the notification failed to send successfully because the fax number is wrong, you will need to update the recipient's fax number and then resend the report from the Batch Actions menu on the Studies page. For more information, see Resolve Failed Fax and Send Study Report.

Unlock Username

If a user reaches the threshold for failed login attempts, the username will be locked. As the administrator, you can unlock a user's locked username. When unlocking a username, it is a good idea to reset the password at the same time. To reset a user's password and unlock the username,

1. Click Admin at the top of any page.
2. In the menu on the left side, select Users.
3. Find the user whose username you need to unlock and click the edit icon in the ID column.
4. In the General settings tab, click the Unlock account button.

Calibrate Manually

Calibration regions contain essential information that enables measurements and calculations in real physical units. If an image does not contain the necessary calibration information from the modality, users must calibrate manually before taking any measurements. If an image needs manual calibration, a Calibrate button displays above the image.

To calibrate:

- Click the Measurement Calibration button.
- Click the Create calibration region button in the top left.
- Click and drag across the image to draw a rectangle.
- Select the Calibration type, Spatial Format, and Data Type to use.
  - Calibration type: Horizontal & Vertical or Diagonal. The diagonal metric can be used when both the horizontal and vertical axes are on the same scale.
  - Spatial Format: 2D, M-Mode, or Spectral. Choosing Spectral disables the Diagonal Calibration type.
    - The default units for 2D and M-Mode are centimeters (cm).
    - The default units for Spectral are seconds (sec) for the X-axis and centimeters per second (cm/sec) for the Y-axis.
  - Data Type: For 2D and M-Mode, Tissue or Color Flow. For Spectral, CW Spectral Doppler or PW Spectral Doppler.
- Draw a line inside the rectangle. If using Horizontal & Vertical, first draw the horizontal line and then the vertical line.
- In the fields provided at the top, enter values and choose the units for each line and click Done.
- To define a second region, click the Create calibration region button and repeat steps 3 through 6.

To delete calibrations, click Delete calibration region above the viewing pane, and then click on the region to delete.

Login and Password Issues

How do I reset my password?

1. Click the "Forgot password" link on the login page.
2. Enter your email address and click submit.

A temporary password will be emailed to you. If you cannot remember what email you used to setup your login for Studycast please contact your account administrator.

I didn't receive a temporary password

1. Check your junk or spam email folder for any emails from support@corestudycast.com
2. Contact your local Studycast administrator, or Studycast Support for assistance resetting your password.

I'm logged into Studycast and want to reset my password

See the article for updating your user profile for instructions on resetting your password when logged into Studycast.

I need to update a password for another user on my account

See the Managing Users article for instructions on updating/resetting the password for another user on your Studycast account.

When logging in it says my account is "Locked"

- The account will unlock after a set period of time. Try to login to Studycast again after a couple minutes.
- Contact your account administrator to have them unlock your account.

When logging into Studycast it says my account is "Inactive".

Contact your account administrator to have them reactivate your account

I'm using a fast switch and need to update all of my linked logins

⚠ Passwords must be updated before they expire. If a password expires you will need assistance from Studycast Support.

To change/update your fast switch account passwords (before they expire):

1. On the Studies page, click **Profile** in the top right corner.
2. In the **User Profile** window, check the Change password box.
3. Enter your old password. This is the password you used to log into the Studycast system today.
4. Enter a new password that conforms to the security policy listed at the bottom of the window.
5. Enter the new password a second time to confirm.
6. Click **Submit**.
7. In the Update password for fast switch accounts window, click **Yes**, update passwords.

Clear Browser Cache

Clearing Browser Cache

Microsoft Edge

1. Click the Menu button in the upper-right corner of the browser.
2. Select Privacy & security tab from the sidebar.
3. Under the Clear browsing data section press the button for Choose what to clear.
4. Uncheck all options except for Cached data and files.
5. Press the Clear button.

Mozilla Firefox

1. Click the Menu button in the upper-right and choose **Options**.
2. Select the **Advanced** panel.
3. Click on the **Network** tab.
4. In the Cached Web Content section, click **Clear Now**.
5. Close the browser and reopen

Google Chrome

1. Click the Google Chrome menu button next to your user profile portrait in the top-right corner of the browser.
2. Click **More Tools > Clear browsing data**.
3. In the dialog that appears, select checkbox for 'Cached images and files only'.
4. Click 'Clear browsing data'.
5. Close the browser and reopen

Safari

1. Click **Safari** in the upper left hand side of your screen. In the menu that appears, click **Preferences**.
2. In the window that appears, click the **Privacy** tab. Click the button **Remove All Website Data**
3. Click **Remove Now** in the pop up window that appears.

Release Notes 2025

December 13, 2025 - Version 6.1.0.57

Findings and Conclusions

Added the "Copy to Conclusions" button to findings statements.

Study Status

Introduced the "Locked" study concept.

November 15, 2025 - Version 6.1.0.56

Thyroid Worksheet

Added fields and updated observations to match ACR TI-RADS documentation.

Added Thyroid and Head and Neck protocols.

Replaced the Thyroid gland removed field with Surgically absent.

Additional Comments

Added the ability to import Additional Comments.

October 18, 2025 - Version 6.1.0.55

Additional Comments

Added the ability to dynamically pull measurement and observation values into Additional Comments using Merge Values.

Added profile option to expand the Additional Comments select list in the findings and conclusions sections of the worksheets, showing a fixed-size, expanded view.

HL7 File Size

Increased the file size limit for files sent via HL7 from 6 MB to 10 MB.

October 04, 2025 - Version 6.1.0.54

Reconcile Batch Action

Added new Reconcile batch action.

Added new Contains Interface Data column and filter to the Studies page.

Added Reconcile Study permission.

Import Measurements

Added support for importing blood pressure and heart rate per exercise stage for GE Case.

Additional Comments

Improved keyboard navigation in Additional Comments.

September 20, 2025 - Version 6.1.0.53

Nuclear Cardiac

Improved findings and conclusion statements for perfusion defects.

Studies Page

Added MRN and Alt MRN columns to the Studies page.

Added the Patient ID / MRN search criteria.

September 06, 2025 - Version 6.1.0.52

Echo

Added an alternate option for the Visual EF list.

August 23, 2025 - Version 6.1.0.51

Cardiac Cath

Added an alternative wall motion diagram.

Nuclear Cardiac

Added the ability to automatically populate study data from Syntermed.

August 09, 2025 - Version 6.1.0.50

Accessibility

A new Accessibility theme, with improved contrast, is available in the User Profile, under Look and Feel.

Improvements made to overall keyboard navigation.

CTA

Added an option to include atherosclerotic burden in Findings and Conclusions

July 26, 2025 - Version 6.1.0.49

Import Measurements

Stress Echo, ETT, and Nuclear Cardiac worksheets support importing study data from GE Case.

AI Results Indications

New Studies page column for AI Results indications.

July 12, 2025 - Version 6.1.0.48

Import Measurements

CTA worksheet supports importing study data from 4DM.

Nuclear Cardiac worksheet supports importing study data from Syntermed.

June 28, 2025 - Version 6.1.0.47

Presentation States

Minor update to improve Presentation State text rendering capabilities.

New Studies

Two new study types:

- Cardiac Cath
- EP

May 31, 2025 - Version 6.1.0.45

Venous LE & Vein Mapping LE Diagrams

Added the ability to select which vessel groups are displayed on the diagrams.

Now able to display thrombosis instead of competency on the diagram.

RESTler Update

Updated RESTler API framework to RESTler v5.

May 17, 2025 - Version 6.1.0.44

SMS Notifications

SMS notifications are now sent from the Plivo API.

May 03, 2025 - Version 6.1.0.43

Obstetric & Fetal Echo

Suboptimal fetal anatomy observations can now be added to the Conclusions.

Automatically attach ORU message

A Base64 encoded PDF from an HL7 Result message (ORU) can automatically be attached to a study.

Import Measurements

HillRom Q-Stress Import Measurements enhancements

April 19, 2025 - Version 6.1.0.42

Pelvic and Obstetric

A new selection, Globular, has been added to the Uterus select list in the Pelvic and Obstetric worksheets.

Arterial UE

Added support for personalizing WBI ranges for normal, mild, moderate, severe, and critical arterial insufficiency.

Added support for the personalization of the DBI abnormal range.

Echo

In the Studycast Viewer, Time measurements can now be recorded in the Calc panel for Echo studies.

Time measurements can be sent to the corresponding fields in the Echo worksheet.

April 5, 2025 - Version 6.1.0.41

Obstetric

The Compare and Previous Results functionality has been updated to support studies with different 2nd/3rd Trimester protocols.

Import Measurements

HillRom Q-Stress Import Measurements enhancement

March 22, 2025 - Version 6.1.0.40

Obstetric

Two new protocols are now available in the worksheet: 2nd/3rd Trimester Limited and 2nd/3rd Trimester Detailed Anatomy.

A default 2nd/3rd Trimester protocol can now be set, and will be set when a new Obstetric study is created without any structured report data present.

Presentation States

Presentation states are now supported in the Studycast Viewer.

Presentation states can be received via DICOM, or applied from within the viewer.

Procedure

Procedure statements have been updated for the following study types:

- Body CT
- Chest CT
- CT Abdomen and Pelvis
- CT Colonography
- CT Enterography
- CT Head Perfusion

Head CT

Pediatric CT

PET/CT

Sinuses CT

Spine CT

Arthrography

Barium XRay

Electrophysiologic procedure

Fistulography

Percutaneous Vertebroplasty

Retrograde Urethrogram

VAT

Vestibular

March 8, 2025 - Version 6.1.0.39

Obstetric

A new selection, Transverse, has been added to the Presentation & Position select list.

Import Measurements

Measurements from the HillRom Q-Stress Cardiac Stress Testing System can now be uploaded from an XML file to populate the Nuclear Cardiac, ETT, and Stress Echo worksheets, using the “Import Measurements” functionality.

Procedure

Procedure statements were updated for the following worksheets:

Abdomen and Pelvis XRay

Abdomen XRay

Ankle XRay

Arm XRay

Chest XRay

Elbow XRay

Foot XRay

Hand XRay

Hip Xray

Knee XRay

Leg XRay

Lung XRay

Pelvis XRay

Shoulder XRay

Spine XRay

Thigh XRay

Wrist XRay

February 22, 2025 - Version 6.1.0.38

Cardiac MRI

A new Cardiac MRI study type is now available.

A new Cardiac MRI study type is now available.

Procedure

Procedure statements were updated for the following worksheets:

- Cardiac Cath
- Coronary Angiogram
- Digital Subtraction Angiography
- EEG
- Holter
- Lumbar Puncture
- MMT
- Sleep

January 25, 2025 - Version 6.1.0.36

Nuclear Cardiac

Measurements from Cedars-Sinai nuclear post-processing software can now be uploaded from an XML file to populate the Nuclear Cardiac worksheet, using the “Import Measurements” functionality.

January 11, 2025 - Version 6.1.0.35

Care Types

Unique highlight colors can now be defined for each available Care Type.

Obstetric

Performance improvements to the Obstetric worksheet.

Security

Enhancements have been made to Studycast security measures.

How can I schedule Studycast training for myself or my staff?

We a dedicated team of trainers who can show you how use Studycast. Training is provided free of charge for Studycast customers. Our trainers tailor each session to your role with modules for administrators, sonographers and technologists, physicians, and office staff.
To schedule Studycast training, you may choose any of the following options:

1. Call
Contact the Studycast team at 866-209-3393 and select the “Training” menu option.

2. Email
Send a message to training@corestudycast.com.

3. Online Scheduling
Use our scheduling link to pick a date and time that works best for you:

Studycast Training Hub - Online scheduling — it’s fast and easy.

Release Notes 2024

2024 Release Notes

December 21, 2024 - Version 6.1.0.34

Results Notifications

Notifications can be sent based on values selected in the Results section of the worksheet.

Security

Enhancements made to Studycast security measures.

December 7, 2024 - Version 6.1.0.33

Studycast Viewer

New measurement tool available: Freehand ROI.

Freehand ROI tool can be used to calculate the area of a hand-drawn shape in the viewer.

November 23, 2024 - Version 6.1.0.32

Care Types

Email and SMS notifications can now be sent based on Care Type values.

Notifications can be sent for individual studies when alert times are reached, or as a summary email report of all non-final studies with elapsed care type alert times.

Studycast Viewer

Cine loops and image stacks can be identified by new icons that appear on associated thumbnails in the viewer.

Echo

A new AoD Isthmus field is available for all protocols.

A new Z-score, for AoD Isthmus, is available for the Pediatric protocol.

Performance Improvements

Performance improvements for Studycast worksheets and the Studies page have been implemented to enhance speed.

November 9, 2024 - Version 6.1.0.31

Referring Group List Restrictions

When granting the Change Referring Group permission, administrative users can now define which referring groups a user can select in the worksheet.

October 26, 2024 - Version 6.1.0.30

User Administration – QA Group Assignment

Administrative users can now define which QA groups can be assigned to a study at the user level. This allows Reading Physicians to assign a study to a QA group that they are not a member of.

Nuclear Cardiac

Default values for fields in the Nuclear Cardiac worksheet can now be defined based on Protocol.

Performance Improvements

Performance improvements for Studycast worksheets have been implemented to enhance speed.

October 12, 2024 - Version 6.1.0.29

Nuclear Cardiac

Nuclear Cardiac studies can now document the radiation output of the scanner for PET exams.

QA Notifications and Reports

Email and SMS notifications pertaining to the QA workflow can now be sent to approving users, QA groups, and QA admins.

QA results can now be sent to QA group members and approving users via administrative reports.

Granting User Access and Access Logs (Effective Date October 15, 2024)

Users can now grant temporary access for Core Sound Imaging training and support team members to log in with their username.

Access logs will now show more detail about Core Sound Imaging team members, in the event that they log into your account to assist you.

Obstetric

Documentation of Abdominal Situs, Cardiac Situs, and Cardiac Position is now supported in the Fetal Anatomy section of the worksheet.

The AFI growth chart now includes values up to 40cm, expanded from the previous range of 30cm.

Echo

New worksheet options have been made available to personalize Findings and Conclusions statements: include MV E/A Ratio in the Findings statements, include MV E/e' in the Findings statements, include the LVSV/BSA in the Findings statements, include the LVSV/BSA in the Conclusions statements, and enable all LA Findings statements to pull to the Conclusions section.

September 28, 2024 - Version 6.1.0.28

Split Studies

Exams can now be split into three or more separate studies with the Split Studies functionality.

Study properties can now be updated while splitting a study, from within the Split Studies window.

Nuclear Cardiac

Nuclear Cardiac studies can now document the radiation output of the scanner for PET exams.

QA Notifications and Reports

Email and SMS notifications pertaining to the QA workflow can now be sent to approving users, QA groups, and QA admins.

QA results can now be sent to QA group members and approving users via administrative reports.

Require Verifying Physician Sign-off

Administrative users can now require verifying physician sign-off at the user level.

When assigned to a user, the Approve Study permission can now be used to define which study types require an over-read.

Studycast Viewer – Manual Calibration

The Studycast viewer now supports the manual calibration of Doppler and M-mode regions.

Focused Echo

A new field was added for the documentation of Annular Calcification

A new field was added for the documentation of Annular Calcification.

Findings are now grouped anatomically.

A new item was added to the Visual EF select list: Unable to Assess.

Enhancements were made to the Conclusions generated in the worksheet.

September 14, 2024 - Version 6.1.0.27

New Point-of-Care Study Types

New Point-of-Care study types are now available, featuring an updated UI to enhance tablet and mobile experience.

The new study types are: Focused Bowel and Focused Soft Tissue/Musculoskeletal.

QA Dashboard

Users with the QA Admin permission can now track QA through a new dashboard, containing key study information and columns with QA questions and answers. This QA Dashboard is accessible in Studycast from the navigation menu at the top of the screen.

Studycast Viewer – Circumference

The Elliptical ROI tool can now measure circumferences.

Head Circumference, Abdominal Circumference, and Thoracic Circumference can be measured in the viewer and sent to the corresponding fields in the Obstetric worksheet.

Nuclear Cardiac

Measurements from 4DM nuclear post-processing software can now be uploaded from an XML file to populate the Nuclear Cardiac worksheet, using new "Import Measurements" functionality.

A new Rest test type has been added to the PET and SPECT protocols.

A new Amyloid procedure is available for the SPECT protocol.

Radiopharmaceutical Tc99m PYP is available for the SPECT protocol.

Reversal Agent Ondansetron is available for all protocols.

Echo – Studycast Advisor

Echo IQ, through the Studycast Integration Program, now includes Advisor recommendations for Diastolic Dysfunction and Heart Failure, generated by EchoSolv.

Echo – Pediatric Z-Scores

Four new Z-scores have been added to the Echo worksheet for the Pediatric protocol: LV Mass (Mm), AoD ST Junction, AoD Descending, and Cx.

Devices Page

New column added to Devices page: "CoreGateway Version".

August 17, 2024 - Version 6.1.0.26

New Point-of-Care Study Types

New Point-of-Care study types are now available, featuring an updated UI to enhance tablet and mobile experience.

The new study types are: Focused Abdominal Aorta, Focused Pelvic, Focused Obstetric, Focused Testicular, and Focused Ocular.

August 3, 2024 - Version 6.1.0.25

New Point-of-Care Study Types

New Point-of-Care study types are now available, featuring an updated UI to enhance tablet and mobile

New Point-of-Care study types are now available, featuring an updated UI to enhance tablet and mobile experience.

The new study types are: Undifferentiated Chest Pain and Dyspnea, Focused Lower Extremity Venous, Undifferentiated Hypotension, Focused Renal/Urinary Tract, Focused Thoracic, and Focused Biliary.

QA Workflow Available

QA workflows are now supported in Studycast for Point-of-Care study types.

A new QA tab enables the designated QA group to attest to study quality within the worksheet.

Study Viewer – Image Caching

A new Viewer Settings button enables manually clearing or disabling the image cache when using the Study Viewer.

Devices Page

A new Devices page enables the management of devices uploading to Studycast via CoreGateway. These devices can now be activated or deactivated.

July 20, 2024 - Version 6.1.0.24

New Point-of-Care Study Types

New Point-of-Care study types are now available, featuring an updated UI to enhance tablet and mobile experience.

The new study types are: eFast and Focused Cardiac.

Abdominal Aorta

New Graft protocol added, allowing for the documentation of grafts and interventions.

An interactive diagram has been added to the worksheet, allowing for documentation of grafts, interventions, and aneurysms.

A new worksheet option enables you to add personalized stenosis criteria, and to display the criteria in your final study report.

You can now choose to auto-fill the AAA measurement fields if certain criteria are met. By default, criteria will be set to >3 cm. The criteria can be changed to >1.5 times the proximal diameter, or a custom threshold defined by you.

Nuclear Cardiac Procedure Statements

The Procedure field has been added to the Nuclear Cardiac worksheet, enabling efficient documentation of procedure statements for each protocol.

In addition to the pre-defined procedure statements available, you can personalize your procedure statements in the worksheet.

Study Status Change Conditions

A new option allows designated users to proceed with a study status change, even when client-defined status change conditions are not met.

When triggered, status change warnings for users without permission will not allow users to proceed with the change.

June 8, 2024 - Version 6.1.0.22

Echo (Veterinary)

You can now measure all volumes in the Viewer, and they will transfer to the appropriate fields in the Studycast worksheet.

You can now document MAPSE IVS (Mm) and MAPSE LVPW (Mm) in the Echo Vet worksheet. These can

You can now document MAPSE IVS (Mm) and MAPSE LVPW (Mm) in the Echo Vet worksheet. These can also be measured in the Viewer.

New fields have been added to allow for the documentation of LA EF measurements.

We have made some updates to LA Volume measurement field labels, to make them more consistent with other sections of the worksheet.

May 25, 2024 - Version 6.1.0.21

ADT Interface Support

A modality worklist can now be generated from ADT messages.

ADT messages can now be used to update order or appointment information used to generate a modality worklist.

Echo – Pediatric Protocol

Several new measurement fields have been added.

New fields with Z-Scores have been added.

You can now document IVS Shape in the Pediatric protocol.

Additional items have been added to the Septal Wall Motion select list, to document: Paradoxical motion, Hypokinesis, and Dyskinesis.

Echo – All Protocols

New measurement fields added for LV Mass (Mm) and LV Mass (Mm)/BSA.

May 11, 2024 - Version 6.1.0.20

Minor Security Update

Security update to restricted file types for Attachments.

A full list of restricted file types can be found on the Attach Files to a Study page.

April 13, 2024 - Version 6.1.0.18

Arterial LE

Ability to document CIA prox, mid and distal is now available.

Referring Group Creation from the Worksheet

A new permission (Create Referring Group via Worksheet) has been created. This permission grants/limits user ability to create a referring group from the worksheet.

Creation of a referring group from the worksheet will be logged in both the study and admin access logs.

Studies Page

Default grid updated on the Studies page to display columns including: Study ID, Patient Name, DOB, Study Type, Study Protocol, Study Description, Status, Date of Service, Approved Date, Reading Group, Approved By, Performing User, Referring Group, Ordering Physician, Division Name, Patient ID, Location, and Procedure.

March 30, 2024 - Version 6.1.0.17

Venous LE & Vein Mapping LE

Measurements on the diagrams have been relocated so they will not overlap each other.

User Administration

User deactivation has been updated so that a user will be deactivated if they haven't logged into their Studycast account or been reactivated within the specified number of consecutive days defined in the deactivation threshold.

deactivation threshold.

Modality Population

If both images and a document are uploaded to Studycast (for example, ultrasound images as well as a DICOM-encapsulated PDF), the modality type will reflect the modality of the images rather than the document.

Update: Automated Study Status Change

Automated status changes that occur at a certain time of day will be logged in the access logs.

SFTP Updates

Expanded SFTP communication options and applied latest security updates.

March 16, 2024 - Version 6.1.0.16

Fetal Echo

Labels and units can be modified for certain sections on the fetal echo worksheet and report.

ModMed EMR Integration

Studycast now supports a bidirectional interface with the ModMed API, which will allow for modality worklist generation and improve report filing for users with this integration in place.

Venous UE

Non-pulsatility selection no longer affects the compressibility/thrombosis conclusion statement.

March 2, 2024 - Version 6.1.0.15

Custom Field Documentation

Up to 15 custom fields can now be documented per study.

Study Status Updates from ORU

For studies being read in an external application, study status can now be updated to Final from information received in an ORU message.

Venous UE: + Duplicate

Duplicate veins can now be documented on Venous UE studies.

Chat with Support

The Support page now includes a new Chat feature that allows you to chat with a Support team member.

Supported File Types

DOC (Encapsulated PDF DICOM) files and Structured Report files are now both accepted on the same study.

Text-based Reports

Long text strings in the text-based report sent in a result message will now have a line break after 70 characters.

February 17, 2024 - Version 6.1.0.14

Users and Permissions

Permissions can now be added and removed for multiple users at once via batch actions.

Permission favorites can now be applied via batch actions.

Permissions are now searchable from the User administration page.

DICOM Forwarding

Studies can now be forwarded automatically at a certain status (ex: preliminary).

A worksheet document can be included with a DICOM forward as a DICOM encapsulated PDF.

Custom Field and Attachment Documentation

Study Properties can be accessed from within the worksheet via the study ID in the blue patient bar to allow for documentation of custom fields and to add or remove attachments.

Echo Updates

LVOT and mid ventricular obstruction can now be documented.

GLS observation added to document if global longitudinal strain is normal, borderline, or abnormal.

Specific leaflet that is prolapsing can now be documented.

Units for HR and BMI now included on the report.

New option available to include RA measurement in RA cavity size statement.

Advisor will now recommend setting new TAPSE observation based on TAPSE measurement.

Now able to document if patient has had a TAVR.

February 3, 2024 - Version 6.1.0.13

PET CT

Three new fields have been added to describe perfusion: SS%, SR%, and SD%.

You can now document a coronary calcium score.

You can now document myocardial blood flow and myocardial flow reserve.

CTA Worksheet

We have redesigned this worksheet. The previous CTA study type has been renamed to "CTA Deprecated".

The new CTA worksheet allows for documentation of Coronary Calcium Score, Cardiac Findings, and Extra-Cardiac Findings via structured reporting.

Echo Vet

Additional normalized measurements now support Esser and Cornell references.

References for normalized measurements are now displayed as sources in the final report.

Elation EMR Integration

Studycast now supports a results interface with the Elation API, which will improve report filing for users with this integration in place.

January 20, 2024 - Version 6.1.0.12

Venous LE, Pelvic Venous, and Vein Mapping LE

Added the "+Duplicate" button to the Vein Mapping LE worksheet, which allows for the efficient creation of duplicate vessels.

The Patient position select list in the Venous LE, Pelvic Venous, and Vein Mapping LE worksheets now includes: Standing, RT, Standing & RT, and Sup & up.

January 6, 2024 - Version 6.1.0.11

Users and Permissions

New Permission Favorites enable admin users to define and save custom permission sets.

Studies Page & Patient Information Sections (Veterinary)

You can now search for studies based on species and breed.

Breed is now available in the Patient Information section for all veterinary study types.

Echo Vet

Several new fields have been added to the worksheet and report.

The references used to calculate normalized values for canine echo can now be selected from within the worksheet.

Additional normalized values are available with multiple reference options. Default references can be defined for sighthounds and non-sighthounds.

Venous LE and Vein Mapping LE

You can now comment on the anterior accessory saphenous vein (AASV) and posterior accessory saphenous vein (PASV) in the calf.

Perforators have been renamed to reflect their anatomical names.

The interactive diagram received some visual enhancements.

Why can't I view studies

1. My Studies page is Blank when I log into Studycast?
    a. Is this your first time logging into Studycast? Have you previously had access to exams?
        1. Have your account administrator check to ensure you are assigned access to a Division (for Administrators, Sonographers/Technologist, Staff users) or Group (for Reading / Referring users) in Studycast.
        2. Are there any exams assigned to your Division/Group?
    b. Check to make sure there are no filters (search options) currently selected
        1. Click on the Reset option next to the Search Button to clear your search
    d. Clear browser cache
    e. Contact Studycast Support
2. My Image Viewer will not open?
    a. Does the Image Viewer icon appear on the studies page?
        1. If no Image Viewer icon contact your account administrator for assistance with permissions on Studycast.
    b. Able to access the Image Viewer, but images do not load.
        1. Clear browser cache
        2. Contact Studycast Support

Release Notes 2023

2023 Release Notes

December 9, 2023 - Version 6.1.0.10

Vein Mapping UE

"Continuous" has been added to the select list for the Phasicity field.

Triphasic and Biphasic have been removed from the Arterial Flow select list and replaced with Multiphasic.

Obstetric, Fetal Echo, and FNST

A new Fluid observation field allows for the documentation of qualitative AFI in the worksheets, in line with AIUM guidelines.

The SDP radio buttons in the Amniotic Fluid section have been removed, and a new measurement field has been added to document the SDP.

Abnormal Fluid and BPP findings will be reflected in the Conclusions.

Studies Page

The search function now supports special characters (hyphens, apostrophes, etc) in patient first and last names.

November 18, 2023 - Version 6.1.0.9

Preset Favorites

When applying Preset Favorites in Studycast worksheets, you can now choose whether to replace or add to any existing generated statements.

If a Preset Favorite contains blank fields, you can choose whether or not the blank fields will overwrite fields with existing information.

When creating a new Preset Favorite, you can choose which fields to include or exclude.

Fetal Echo References

A new reference has been added to the Fetal Echo worksheet: Jeanty 84 for Humerus Length and Femur Length.

A select list has been added to the worksheet, enabling you to change the GA reference used.

You can now specify a default GA reference for each biometry measurement in the worksheet.

Worksheet Update: Apply Measurements

When applying measurements in the worksheet, the Regenerate Findings checkbox will now remember your preference, and default to it the next time you use that study type.

Echo Study Report Layout

Full-width Echo study report now supports numbered findings as an option, to be consistent with the two-column Echo study report format.

October 28, 2023 - Version 6.1.0.8

User Administration

Administrative users can now set a Deactivation Threshold. This threshold sets the number of consecutive days of inactivity before a username will be set to inactive.

Image Viewer

The Studycast Image Viewer has been updated to improve speed and performance when viewing studies with large series, such as CT and MRI.

Obstetric References

A new reference has been added to the Obstetric worksheet: Jeanty 84 for Humerus Length and Femur Length.

A select list has been added to the worksheet, enabling you to change the GA reference used.

You can now specify a default GA reference for each biometry measurement in the worksheet.

October 14, 2023 - Version 6.1.0.7

Carotid

A new worksheet option is available, which enables you to document Plaque Morphology without providing a Stenosis grade.

An alternate select list for the Stenosis field is now available for ECA, Bifurcation, and CCA, including selections: "hemodynamically significant" and "no hemodynamically significant".

September 30, 2023 - Version 6.1.0.6

Worksheet Update: Equipment Used

The Equipment Used field in Studycast can now show equipment information from multiple sources, when DICOM tags for multiple equipment types are sent.

September 16, 2023 - Version 6.1.0.5

Echo Worksheet

The Studycast Advisor now includes ASE Aortic Stenosis criteria. The Advisor will illuminate with a recommendation for the Stenosis field if a patient meets established guidelines for aortic stenosis.

If you are using Echo IQ through the Studycast Integration Program, you may see additional Advisor recommendations, generated by EchoSolv.

Venous Flow

"Continuous" has been added to the select list for the Phasicity field in the Venous UE worksheet.

ABI Tab

In the ABI, Arterial LE, Segmental Pressures, and Abdominal Aorta worksheets, PVR will now be documented at the anatomical level, rather than by vessel label.

An alternate select list is now available for PVR Waveform: Normal, Mildly Abnormal, Moderately Abnormal, Severely Abnormal.

The NC observation field is now available in the ABI tab for all worksheets in which an ABI can be documented. ABIs greater than 1.3 will be considered non-compressible.

A new worksheet option now enables you to auto-set the NC observation if the ABI value is non-compressible.

September 2, 2023 - Version 6.1.0.4

Obstetric References

An additional reference has been added to the Obstetric worksheet: Hadlock 1985 for EFW measurements.

SSO Improvement

Clients who are using SSO will now be able to log in through the Studycast login page, in addition to existing SSO links.

Studycast Notification Delivery Failure Report

This report will now include all bounced emails for which the recipient address is stored in Studycast. The report will be sent once daily to the Notification Error Contact specified in the account settings.

August 19, 2023 - Version 6.1.0.3

Studycast Notification Delivery Failure Report

The report now includes SMS and CoreShare (both email and SMS) errors, in addition to email errors and failed faxes.

SMS messages sent through CoreShare will now be visible in the Notifications tab in the Studycast Admin Tools, and can be reprocessed from that page.

Pelvic and Obstetric Worksheets: Uterine Position

You can now document when the Uterine Position is Axial.

Worksheet Update: Equipment Used

The Equipment Used field in Studycast will now populate with equipment information that is sent with your study by default.

Echo Updates

New worksheet option to display an alternate list of selections for the Pericardial Effusion observation field (None, Trace, Small, Moderate, and Large).

The Indexed LA Volume measurement will now take priority over the LA measurement to display in the finding statement when the worksheet option to include the LA measurement in findings is in place.

July 22, 2023 - Version 6.1.0.1

Studycast Notification Delivery Failure Report

The report now includes failed faxes in addition to email errors. The report will be sent once daily to the Notification Error Contact specified in the account settings.

Echo Text-Based Reports

With a results interface to your EMR, text-based Echo reports now contain sources for values sent by AI vendors through the Studycast Integration Program.

July 8, 2023 - Version 6.1.0.0

Studycast Integration Program

This update enables a seamless, built-in integration with any of the participating vendors. Currently, all supported partners are AI vendors, with decision support tools for echo studies.

Studycast Notification Delivery Failure Report

Reports that failed to send via email will now be reported in a single email, sent once daily, delivered to the Notification Error Contact specified in the account settings.

May 27, 2023 - Version 6.0.1.20

Nuclear Cardiac Update – Lexiscan Generic

Nuclear Cardiac studies have been updated to reflect the generic for Lexiscan (Regadenoson) in place of the brand name.

May 13, 2023 - Version 6.0.1.19

Case Management Update: Obstetric, Fetal Echo, and Fetal Non-Stress Test

The Studycast Advisor will now alert you when a study is eligible to join or create a Case.

The StudyCase Advisor will now alert you when a study is eligible to join or create a Case.

Case names are now generated automatically when new cases are created.

The "Studies in a case" section now includes links to the Image Viewer, worksheet, and report for each study listed.

The Compare function is now accessible in the worksheet for studies in a case.

Study Archive

Increased the size limits for archiving studies. You can now archive studies up to 8 Gigabytes.

April 29, 2023 - Version 6.0.1.18

Additional Comments Update

Administrative users can now share and remove access to comments across reading groups in a new "Additional Comments" section of the Admin Tools.

Comments can now be grouped under searchable headers, and moved between groups with a drag-and-drop editor.

A new "Create additional comments" permission allows admin users to remove other users' access to create and edit comments in the worksheet.

April 1, 2023 - Version 6.0.1.17

Arterial UE Update

A new protocol, WBI, has been added to the Arterial UE worksheet. Additionally, you can now calculate the Digit Brachial Index (DBI) and Wrist Brachial Index (WBI).

March 18, 2023 - Version 6.0.1.16

Focused Echo Update: New Observations Available

IVC and RA observations can now be documented in the Focused Echo worksheet.

The following observations have been added: LV Function, Diastolic Function, RA Internal Dimension, AV Morphology, AV Opening, MV Opening, MV Closing, TV Morphology, Tamponade, IVC Size, IVC Collapsibility on Inspiration.

Focused Echo Update: New Worksheet Options Available

You can now personalize the Focused Echo worksheet by permanently removing sections to better suit your workflow.

March 4, 2023 - Version 6.0.1.15

Pelvic Update

In the Pelvic worksheet, PSV, EDV, and RI can now be documented for the Uterine and Ovarian Arteries.

February 18, 2023 - Version 6.0.1.14

Abdomen Update: New Protocol Added for Doppler Exams

A new protocol, Abdominal Doppler, has been added to the Abdomen worksheet.

Document the characteristics and direction of blood-flow in the liver.

Comment on velocity in the right and left Renal Artery and the Aorta.

Findings statements are generated based on default abnormal thresholds for Renal Artery PSV, Aorta PSV, R/A Ratio, Portal Vein PV, and Hepatic Artery RI.

Abdomen Update: Renal Protocol

In the Renal protocol, you can now comment on Renal Artery PSV and Renal Vein Patency.

January 21, 2023 - Version 6.0.1.13

Update: Viewing Shared and Archived Studies

In line with echo accreditation requirements, shared (via CoreShare) and archived study images and loops can now display in stress views.

Why can't I approve studies

When a reading physician is unable to approve or sign off on a study report, here are some things to consider.

Are you a member of the Reading Group assigned to the study?

Do you have permissions to approve exams?

- Only users with the Approve study permission can approve a study. By default, only reading physicians have this permission.
- Check with your administrator to confirm you are setup as a Reading Doctor
- If you are not a Reading Doctor have your administrator, check your user permissions and verify you have the Approve Study check box selected

Have you previously been able to approve exams on Studycast?

Does the Studycast Worksheet load for you when you click on the Worksheet?

Is the Approve Button Missing from the bottom of the Studycast Worksheet?

- Check to see if the concurrent access banner is at the bottom of the page. The banner could cover the Approve button dependent on the monitor resolution.

How to Approve a Study on Studycast

Release Notes 2022

2022 Release Notes

December 27, 2022 - Version 6.0.1.12

HTML5 Study Viewer: 9-up Display

In the viewer, you can now choose to view up to 9 images simultaneously.

This update adds support for 1x3, 2x3, 3x1, 3x2, and 3x3 views.

Women's Health

In the Obstetric worksheet, a Placental Characteristics observation field has been added, with dropdown selections for: Circumvallate, Lakes, Calcification, and Abruption.

In the Pelvic and Obstetric worksheets, you can now comment on Septated and Dermoid cysts.

You can now document the presence of fluid in the posterior cul-de-sac in Obstetric studies.

In the Pelvic worksheet, you can now document that the appearance of the Endometrium is "Ill defined".

December 10, 2022 - Version 6.0.1.11

Duplicate Vessels

Added functionality to easily document duplicate vessels in Venous LE.

Carotid Update

For unilateral exams, the worksheet now supports the documentation of brachial pressures for both lateralities.

Renal Artery: RA Ratio

The RA Ratio field calculation has been updated, and now has the ability to include the PSV of the Ostium segment.

November 26, 2022 - Version 6.0.1.10

Stress Echo

LV EF & RVSP fields allow users to enter specific value, or select ranges.

Can now enter quantitative values (in line with accreditation) E/e' and SpO2.

Abdominal Aorta

Now supports ability to quickly document velocities proximal and distal to stenosis with "+ Stenosis" functionality.

Fetal Non-Stress Test

Now supports documenting BPP on FNST worksheet.

November 12, 2022 - Version 6.0.1.9

Duplicate Vessels

New functionality to easily document duplicate vessels in AV Fistula and Vein Mapping UE.

AV Fistula Updates

A new "Grafts" tab has been added to the worksheet.

Ability to document Volume Flow measurements now available.

Added support for a Stenosis dropdown column in the worksheet.

Added support for a Stenosis dropdown column in the worksheet.

Added support for a new selection, Thigh, in the Target vessel dropdown.

The Perforator vessel type now supports the full row of measurements and observations.

In addition to the prox, mid, and distal Basilic vein, users can now document the Basilic at Elbow vessel segment.

Abdominal Aorta Updates

Two new options, present and none, have been added to the Endoleak dropdown list.

Ability to comment on Waveform, PSV, EDV and Ratio measurements for vessels is now available.

Users can now add Stenosis to the observations for the vessel and segment rows.

Vein Mapping UE Updates

Added the ability to document the prox, mid, and distal segments of the brachial and axillary veins.

Ability to document Volume Flow measurements now available for all vessels in the worksheet.

Ability to document a Perforator vein added.

Users can now document the Basilic at Elbow vessel segment.

October 29, 2022 - Version 6.0.1.8

Arterial LE

New functionality to easily mark vessels as "not visualized" on worksheets and reports.

Abdominal Aorta

New functionality to easily mark vessels as "not visualized" on worksheets and reports.

October 15, 2022 - Version 6.0.1.7

Venous LE Updates

New functionality to easily mark vessels as "not visualized" on worksheets and reports.

Ability to document peak velocities now available.

Ability to document Internal Iliac Vein (IIV) (with optional prox, mid and distal).

Vessel configuration updated to make SSV Cran Ext separate vessel.

Arterial LE Updates

Added ability to document measurement dimensions: AP (Sag), AP (trans) and Width (trans).

Ability to document CFA prox, mid and distal is now available.

Ability to document EIA prox, mid and distal is now available.

October 1, 2022 - Version 6.0.1.6

Mesenteric Artery

Now providing the ability to specify custom stenosis percentage dropdown lists for all vessels. Each vessel can be assigned its own stenosis dropdown and support up to 10 different selections.

Expanded ability to define stenosis PSV triggers for all vessels.

Vein Mapping UE

Added functionality to specify custom size criteria for generating basilic and cephalic dialysis access statements.

September 17, 2022 - Version 6.0.1.5

Study Settings

In addition to the Study type and Protocol, Studycast now supports the ability to automatically set Procedure based on the Study description.

September 3, 2022 - Version 6.0.1.4

Renal Artery Worksheet

Now providing the ability to document Ostium velocities.

August 20, 2022 - Version 6.0.1.3

Admin

Additional options for adding and managing report header logos and addresses.

Improved Appaction and Cronaction activity logging in Access Logs.

August 6, 2022 - Version 6.0.1.2

Admin

Access logs search and filtering optimization.

Preset Favorites

Create permission management expanded to allow users with permission level to manage reading group access for preset favorites they create.

Abdominal Worksheet

Additional fields added to document gallbladder polyp and gallstone dimensions.

Angiography Worksheet

Angiography diagram vessels: SFA, POP, ATA, PTA, and Per updated with configurable Prox, Mid, and Dist segmentation.

Venous LE Worksheet

Update to allow the documentation of competency for tributaries.

July 9, 2022 - Version 6.0.1.0

Preset Favorites Management

3 new Preset Favorite permission levels for controlling preset management and study creation.

Now easily manage reading group access to preset favorites – easily add or remove group access.

Enhanced preset favorite editing – now you can easily rename and copy.

Now through batch actions you can manage access, group presets for submenu access and delete multiple preset favorites at once.

Updated interface.

Carotid

Option to set waveform observations to blank unless waveform selected on worksheet.

June 18, 2022 - Version 6.0.0.8

Venous LE Worksheet

New optional functionality to auto-populate competency observations based on reflux time.

Findings statement option to comment on "assessed vessels".

Echo Worksheet and Report

Extended normal range of the following measurements to a standard deviation of 2: aorta dimensions, RA

Volume Index, RV Areas, and RVOT dimensions.

June 4, 2022 - Version 6.0.0.7

Venous LE

Vessels can be selected via shift/ctrl/click-drag to set observations for limited groups to all Normal or Blank.

Tributaries can set an observation for the whole column via dropdown.

May 21, 2022 - Version 6.0.0.6

Venous LE

Document up to 15 tributaries and 15 perforators.

Added 4 new tributary orientations selections.

New custom competency observation list: Normal, Incompetent, Ablated, Inconclusive.

May 7, 2022 - Version 6.0.0.5

Women's Health Related Updates

Document EDD by conception using transfer type & date.

Additional observation options for 1st Trimester and Placental Location.

Patient Information

Capture new patient's EthnicGroup from standard DICOM/HL7 data locations.

April 23, 2022 - Version 6.0.0.4

Report Configuration Options Enhanced

Added robust set of options for configuring patient name on reports.

April 9, 2022 - Version 6.0.0.3

Women's Health Related Updates

New Fetal Non-Stress Test worksheet.

Uterus and Ovary observations can now indicate 'Not Seen' and 'Surgically Absent'.

Increased number and types for uterine Fibroids on Obstetric worksheet.

Obstetric worksheet now supports commenting on Cervical Funneling.

MCA PSV MOM chart can be included on report.

Additional placental locations selections available.

Echo

LV Mass calculation updated.

Protocol Configuration Now Available

Studycast worksheet protocol names can be personalized per Studycast account.

March 26, 2022 - Version 6.0.0.2

Image Viewing

Image viewer options Flash and QuickTime deprecated.

February 27, 2022 - Version 6.0.0.0

Studycast 6

Improvements made to UI look & feel.

Performance improvements

Performance improvements.

Security improvements.

Search Clearing Criteria

Clearing Search Criteria

If filters are in place on your account, they will appear across the top of your Studies page.

To remove a filter you have two options:

1. Click the X to the left of each item in your filter or...
2. Reset your filter:
    - Select the black down arrow at the right side of the search button
    - Select Reset from the drop down menu

Release Notes 2021

2021 Release Notes

November 6, 2021 - Version 5.2.0.50

Studycast Viewer

Improvements made to the WW/WC tool for PET images.

October 9, 2021 - Version 5.2.0.9

Nuclear Cardiac Worksheet Update

Additional radiopharmaceutical options for MUGA protocol: Tc99m Ultratag RBC, Tc99m PYP.

September 25, 2021 - Version 5.2.0.48

Study Archive Update

Increased ISO archive file size limit.

September 11, 2021 - Version 5.2.0.47

Obstetric / Fetal Echo Worksheet

Additional References are now available including WHO references for EFW %, BPD, HC, HL, FL, and AC.

New Uterine Artery and Ductus Venosus sections - charting supported.

New ability to specify a specific placental distance from internal os measurement.

Abnormal Fetal Activity conclusion statement added.

Worklist Update

Ability to pull worklist orders from multiple clients.

August 28, 2021 - Version 5.2.0.46

Obstetric Worksheet

Additional References are now available including NICHD references for EFW %, EFW, BPD, HC, FL, and AC.

Intergrowth 21 references added for EFW %, EFW, BPD, HC, HL, FL, AC, OFD, CRL, and GA by HC/FL.

Enhanced BPP score reporting. Now specifies if BPP is out of 8 or 10.

AV Fistula Worksheet

New Endovascular protocol (based on Wavelinq).

July 17, 2021 - Version 5.2.0.43

Viewer

Studycast now supports viewing a study from remote DICOMWeb archives.

June 19, 2021 - Version 5.2.0.42

Pelvic

Document up to 4 uterine masses and 2 endometrium polyps.

Comment on uterus Normalcy, visualized maternal kidneys, and the presence of Nabothian cysts.

Female protocol now includes endometrial mass.

Ovary appearance dropdown now includes option NWV.

Nuclear Cardiac

Location of Exercise Stage Table on report is now configurable.

June 5, 2021 - Version 5.2.0.41

Studycast Login Experience

At login, users will now receive a password expiration notice starting 5 days prior to password expiration.

Viewer

Viewer WW/WC preset selection can now be applied to all viewports by using Ctrl-click when selecting an image preset.

May 22, 2021 - Version 5.2.0.40

Viewer

WW/WC preset menu now includes 'Item presets' taken from the image's DICOM dataset.

May 8, 2021 - Version 5.2.0.39

Obstetric Worksheet

Gestational Age by Crown Rump Length model "Rempen 1991" added for 1st trimester.

1st trimester observation for Amniotic Fluid normalcy added.

Maternal Anatomy observations for uterus and kidneys.

Observations supplemented for Placental grade, no previa, and unknown gestation.

Procedure statement updates.

Fetal Echo Worksheet

Observations supplemented for Placental grade, no previa, and unknown gestation.

April 24, 2021 - Version 5.2.0.38

Viewer

Viewer now displays DICOM overlay on image when present.

Common CT WW/WC presets now available via viewport kebab menu.

Attachments

From the Report Attachments tab, multiple attachments can now be added to the report.

April 10, 2021 - Version 5.2.0.37

Study Viewer

Reference lines displayed for MR and CT images.

3D Cursor tool for MR and CT images.

Images can be rotated (90, 180 degrees) or flipped (horizontal and vertical).

Viewer remembers last-used view tool by study type.

User Experience & Security Update

3 minutes prior to session timeout, a popup alert will notify you to save changes or log out.

Session timeout will result in an automatic logout, and you will be redirected to login page.

March 27, 2021 - Version 5.2.0.36

Cardiac Module Update – Nuclear Cardiac

New option: choose between 20-segment model or 17-segment model for the Studycast interactive diagram.

Updated findings statements including revisions to LV Volume, TID Grade, and a new Motion field.

Basic procedure statement now placed in same location as other Studycast reports.

March 13, 2021 - Version 5.2.0.35

Echo Worksheet

3D LVEF documentation is supported.

ETT / Nuclear Cardiac / Stress Echo Worksheets

Conclusion statements can optionally be generated for: Duke Treadmill Score, HR Response and BP Response, and Arrhythmias.

Notification Error Management

New Notification Errors report will be sent at 7:00 am each day if there are any faxes with unresolved errors.

The recipient for Notification Error can be set at client and division levels by an administrative user.

You will be able to resend the fax from within your Studycast account.

Batch Actions

New action to send study reports to additional recipients from the Studies page Batch Actions menu.

February 27, 2021 - Version 5.2.0.34

Print Full-Page Worksheet Diagram

For worksheets with an interactive diagram, new option under Tools allows user to print the current state of the diagram as a full-page document for internal use.

Document also includes: patient name, DOB, study date, study ID, MRN, and Studycast logo.

Carotid Calc Panel

Now supports acquiring CIMT measurements in calculations panel and saving to Studycast worksheet.

Echo Calc Panel

Now supports acquiring volume measurements in calculations panel and saving to Studycast worksheet.

ABI

Post-exercise times now auto-populate in ascending order when a preceding column's time is selected.

February 13, 2021 - Version 5.2.0.33

Vascular Module Update

This significant update to the Studycast System vascular module promotes standards-based reporting.

ABI Worksheet

Protocol support for ABI.

More comprehensive exercise ABI documentation.

Digit Analysis and Amputation documentation.

Procedure support.

Segmental Pressure Worksheet

Protocol support for Segmental Pressure worksheet.

Amputation and non-compressibility documentation.

Improved waveform documentation.

Support for Laterality.

Arterial LE Worksheet

Protocol update.

Standards-based plaque reporting options.

Stenosis and Amputation documentation.

Pre- and post-stenosis documentation support.

Customizable Criteria; option to display on report.

Graft findings statement generation.

Abdominal Aorta Worksheet

Protocol update.

Procedure support.

January 16, 2021 - Version 5.2.0.32

Viewer

Now remembers image layout state locally, per user, and by study type.

Now 6 stages available in Stress echo viewer.

Stress View alternate labels now available.

Nuclear Cardiac / ETT / Stress Echo Worksheets

Stages table can be configured to display on the study report.

Studycast Interface

Now supports importing SIU message format.

Echo Worksheet

New field: MV E/e'.

New in-worksheet calculations for: MV E/e', MV E/A, Septal E/e', Lateral E/e'.

EF method now also displays on worksheet and report, when method is available.

Change Study Date

Change Study Date

You can change the Study Date (DOS) on one or more studies on Studycast using Group Actions.

1. Click the check box next to each study you want to edit.
2. Click the down arrow at the top of the check box column. In the menu that appears, select Properties. The Study Properties window opens. It displays only the properties you can change for all selected studies.
3. To change a property, click No change and select a different option. If you change the date of service, you can enter a comment to explain the change. If a study's status is Final, you cannot change the Reading Group, Reading User, Referring Group, or Referring User.
4. To apply your selections, click OK.

Release Notes 2020

2020 Release Notes

December 19, 2020 - Version 5.2.0.31

Renal Artery Worksheet

Waveforms can be included/excluded via configuration.

Absent waveform conclusion statement option available.

Studycast Direct

Option to include measurements with upload.

Stress Echo / Nuclear Cardiac / ETT Worksheets

Ability to document Post Recovery EKG/ECG now available.

Additional ST-T options now available.

Monthly Study Detail Report

Monthly Study detail report now includes studies grouped by large, small, and cloned.

December 5, 2020 - Version 5.2.0.30

Echo

More fields now support in-worksheet calculations: AVA (Vmax), EF, LA/Ao, LVCI, LV Mass, LVFS (midwall), MVA.

New fields: AV Index, AV Accel Time.

New Normal Atrial Septal Wall option.

New ability to comment on Valvular annuloplasty and valvuloplasty as morphology, for all 4 valves.

Option to hide Grade portion of findings statements for valvular regurgitation.

Option to add inadequate TR jet statement when TR Pk Vel is below 1.8 m/s.

Nuclear Cardiac

Refined generated conclusion statements.

Greenway Intergy

Option to trigger notify statements within Greenway Intergy when report imported via API.

November 21, 2020 - Version 5.2.0.29

Nuclear Cardiac Worksheet/Report

Comprehensive MUGA protocol update.

Conclusion statements updated to reflect current standards.

Updated Radiopharmaceutical documenting.

New option to select last exercise stage for Peak BP and HR.

Carotid and Renal Artery Worksheets/Reports

Addition of waveform documentation for all arteries, reflecting 2020 SVU/SVM guidelines.

Calculations Panel

Calculations for Breast and Vein Mapping UE study types.

November 7, 2020 - Version 5.2.0.28

Arterial Waveform

All arterial worksheets that provided the ability to document waveforms have been updated to reflect 2020 SVU/SVM guidelines.

For a given artery, click the ellipse to document: Flow direction, Phasicity, and Resistance per artery.

Currently available on: Arterial LE, Arterial UE, Segmental Pressures, ABI, Abdominal Aorta, and Mesenteric.

Echo: Update to LVSV, LVCO, LVOT SV, LVOT CO, RV FAC

These derivative fields now update based on changes in source values within worksheet.

October 24, 2020 - Version 5.2.0.27

Obstetric Worksheet (Fetal Echo Updates Where Applicable)

Femur length model "Hansmann-86" added.

EDD by Current US per fetus, now available.

Option now available to set the upper and lower limits of 'normal' for fetal biometry values.

Fetal Anatomy observation 3VV added.

Additional observation options for Uterine position.

Calculations Panel

Calculations for Obstetric worksheet now supported.

CoreGateway

DICOM SR now included when archiving DICOM format of images from your Studycast account.

October 10, 2020 - Version 5.2.0.26

Calculations Panel

Calculations now supported for these worksheets: A-V Fistula, Arterial UE, CIMT, Mesenteric Artery, Pelvic Venous, Post Void Residual, Screening, Scrotal, Stress Echo, Transcranial Doppler, and Venous Intervention.

September 26, 2020 - Version 5.2.0.25

Venous LE Worksheet

Up to 6 Tributary veins and Giacomini can be documented.

Posterior View interactive diagram option available, showing both Anterior and Posterior (knee and below) views at the same time.

Echo (Vet) Worksheet

Pericardium tab added.

Pulmonary Vein update.

Echo and Echo (Vet) Reports

Header text can display as all caps or camel case, center or left justified.

Measurement column height optimized.

Calculations Panel

Calculations now supported for these worksheets: Nuclear Cardiac, ABI, Segmental Pressures, ETT, Prostate, and Lung Pleural.

Admin Update

Reading and Referring groups can be set inactive, removing them from active lists for assigning to a study.

September 12, 2020 - Version 5.2.0.24

Calculations Panel

Calculations for Fetal Echo now supported.

August 29, 2020 - Version 5.2.0.23

Obstetric Updates (and Fetal Echo, Where Applicable)

Placenta previa update that includes conclusion statements with follow up recommendations based on AIUM guidelines.

AFI and SDP update.

Users can comment on Amnionicity.

Normal observation language can be specified per protocol.

New GA models available based on ASUM2000 and Hansmann 1986.

OFD and Humerus percentile models and ability to add to Growth Charts.

Calculations Panel

Calculations for Abdominal Aorta now supported.

Calculations for Thyroid now supported.

August 15, 2020 - Version 5.2.0.22

Peer Review, QA Overread, and Comparison Tools

The Studycast system now includes Peer Review, QA Overread functionality, and ability to compare measurements in serial studies.

New study cloning and comparison tools enable the detailed side-by-side comparison of measurements, observations, and findings across multiple exams.

Data can be exported for further analysis.

Tools can be used for: Peer review, QA/QC programs, oversight of residency programs, and training new technologists.

Arterial LE Worksheet

Now includes ability to document in-stent/atherectomy/balloon angioplasty velocities and more.

August 1, 2020 - Version 5.2.0.21

Vascular Updates

New study type: Pelvic Venous.

Carotid worksheet now includes ability to document in-stent/endarterectomy velocities and more.

Calculations Panel

Calculations for Abdominal Vet now supported.

Echo Worksheet

RVSP, AVA(VTI) are now calculated fields.

CoreShare

Downloads in multimedia format.

July 6, 2020 - Version 5.2.0.20

Calculations Panel

Calculations for Renal Artery now supported.

June 20, 2020 - Version 5.2.0.19

Calculations Panel

Calculations for Echo Vet now supported.

Venous LE

Document Patient Position via dropdown.

June 6, 2020 - Version 5.2.0.18

Nuclear Cardiac, Stress Echo and ETT Worksheets

METs and Double product calculated when data available.

Users may comment on up to 2 Test Symptoms, and reflect these selections in Findings.

Labels for Max HR have been updated; Max APHR will appear on reports.

Venous LE Worksheet

Option to always list all veins, rather than 'lower extremity' being referenced in findings statements.

Ablated generates a statement when Compressibility is absent.

Carotid Worksheet

Stents on diagram generate a findings statement.

Calculation Panel

Drag and drop to reorder calculations.

May 23, 2020 - Version 5.2.0.17

New Worksheets Available

Echocardiogram worksheet specific to veterinary medicine.

Angiography worksheet complete with interactive diagram to document angiogram exams.

May 9, 2020 - Version 5.2.0.16

Anonymize Studies

Anonymize your studies before you share them via CoreShare.

Create an anonymized copy of your study in the Studycast system for others to view.

Anonymize your studies before downloading/burning to a DVD.

Mesenteric Artery Worksheet

Postprandial protocol added so you can now document velocities pre- and postprandial.

Obstetric and Fetal Echo Worksheets

Alexander EFW by GA model now supported.

Echo Worksheet

A few small updates within the echo worksheet are now available.

April 25, 2020 - Version 5.2.0.15

Improved Annotation Functionality

Annotation is now included when you: Archive, Share, create Report Images, Manage images, Split study, and Download from Viewer.

Calculations Panel

Calculations for Abdomen now supported.

April 11, 2020 - Version 5.2.0.14

Calc Panel Update

Calculations for Echo - Pediatric and TEE protocols now supported.

Calculations for Pelvic now supported.

March 28, 2020 - Version 5.2.0.13

Screening Worksheet

Screening Heartscan adolescent tab supports additional Z-scores.

Arterial LE Worksheet

Display PSV or EDV on interactive diagram.

Calculations Panel

Save calculations to Carotid worksheet from Studycast viewer.

March 14, 2020 - Version 5.2.0.12

Echo Worksheet

Document aortic and pulmonic regurgitant velocities and peak gradients.

Additional aorta index fields available.

My Choices updates: choose to treat Trace / Mild valve regurgitation as normal or abnormal; choose to print AVA abbreviation or spell out aortic valve area.

ABI, Arterial LE, Abdominal Aorta and Segmental Pressures Worksheets

Document both Spectral and PVR waveforms.

My Choices updates: choose custom list for Spectral and PVR waveform options; specify a custom ABI Findings label on report.

Calculations Panel

Save calculations to Arterial LE worksheet from Studycast viewer.

New crosshairs tool generates measurement on click.

Batch Actions

Users can set custom study field values via batch action Properties.

February 15, 2020 - Version 5.2.0.10

Stress Echo / Nuclear Cardiac / ETT Worksheets

Users can edit Reason for Stopping comment list.

Clients can specify default Reason for Stopping.

Vein Mapping LE Worksheet

Reflux time can be documented.

Reflux time can be displayed on the interactive diagram.

Reflux time findings statement generated.

Reflux time can be labeled as Closure Time on worksheet and report.

Patient position can be documented

Patient position can be documented.

Obstetric / Fetal Echo Worksheet

Brenner data model now supported as EFW Percentile reference.

February 1, 2020 - Version 5.2.0.9

Studies Page

Users can add columns to display: Procedure Code and Diagnosis Code.

Nuclear Cardiac Worksheet

% of Predicted now appears on report.

Conclusion statement generated for Exercise Test Impression.

SSS statement generation when fixed defect is documented.

CoreShare

Display study image annotations.

January 4, 2020 - Version 5.2.0.7

Annotate and Mask Information in the Studycast Viewer

Annotation tools now available in Studycast viewer.

Obstetric and Fetal Echo Worksheets

Users can document additional Fetal Anatomy in 1st Trimester protocol: Amnion, Spine, Cord, Vessels.

Users can document Placental Cord Insertion in 1st Trimester protocol.

Users can document Frontal Horns in 2nd/3rd Trimester protocol.

I have trouble transferring/uploading studies

If you're having issues transferring images from your machine to the CoreGateway computer, or uploading images to Studycast, you can check the following:

- Verify the computer where CoreGateway is installed is powered on.
- Check with your IT department to see if there have been recent changes to the network in your office.
- Does the modality indicate the study successfully exported?
    - If the exam shows it was successfully exported from your machine, check CoreGateway to confirm the exam was received.
    - If the exam shows a failed transfer message on the machine, check the cable connection from the device to laptop, workstation, or network jack in the room.
- Verify both the computer and imaging device are connected to the network (or is the crossover cable connected between the devices)
- Does either device show an IP Address of 169.254.xxx.xxx? If so, this indicates an IP Address conflict which will require updating the IP Addresses of the devices. Contact your local IT department or Studycast Support for assistance.

Release Notes 2019

2019 Release Notes

December 21, 2019 - Version 5.2.0.6

Arterial LE Worksheet

Users can comment at proximal, mid and distal sub-levels via worksheet or interactive diagram for vessels: PTA, ATA, DPA, PER.

Stress Echo Worksheet Update for ECG Evaluation, Target Heart Rate

Additional Rhythm options.

Labels refer to Target Heart Rate instead of Max Predicted.

Findings utilize Target Heart Rate terminology.

ETT Worksheet Update for ECG Evaluation

Additional Rhythm and ST-T wave abnormality options.

Up to 3 arrhythmias supported at each EKG/ECG level.

HTML Viewer

Users can specify the following DICOM tags to overlay on the image: Institution Name, Study Date, Study Time.

Cine Time (clip length) can be displayed.

Calc Panel

Users can create favorites per study type.

December 7, 2019 - Version 5.2.0.5

New Study Types

47 new study types now available, including: XRAY, CT, Fluoroscopy, MR.

Customize your findings sections on all new study types and the Custom study type: up to 5 protocols supported, up to 5 Findings sections supported per protocol.

Worksheets Update

Manage additional comments by protocol.

November 23, 2019 - Version 5.2.0.4

New Custom Study Type

Clients can request custom study type with up to 5 protocols and up to 5 Findings sections supported per protocol.

Reports

Reports can display signature separately from conclusions at end of report text.

Reports can display addendum first in report body.

Worksheets

Recommendations field added to worksheets and reports.

Calculations Panel

Length and Area values can be saved to Echo worksheet fields

Length and Area values can be saved to Echo worksheet fields.

CoreShare

Studies can be downloaded in original format.

November 9, 2019 - Version 5.2.0.3

Calculations Panel

Now save max, min, or average for a given value from the Calculations Panel to the Studycast worksheet.

Patient Properties

Address section added.

Insurance company name is now a type-ahead field.

October 26, 2019 - Version 5.2.0.2

Worksheet Presets

Presets can be set by protocol.

Calculation Panel

EF single-plane method now supported.

October 12, 2019 - Version 5.2.0.1

Calculation Panel

Ejection Fraction method displays on report.

September 28, 2019 - Version 5.2.0.0

Calculations Panel

Save calculations (and associated measurements) to a worksheet field, from Studycast viewer.

Study / Image Management

Split one study into two studies.

Combine up to five studies into one study.

Reorder images.

Delete images from a study.

ECG Evaluation Options

Additional ECG evaluation options in worksheets for Nuclear Cardiac, Stress Echo, and ETT.

Admin Page

Selectable list of actions added to access log search criteria.

September 14, 2019 - Version 5.1.0.22

Nuclear Cardiac Worksheet

Nuclear Cardiac reporting template now includes the ability to score myocardial perfusion using SSS, SRS, and SDS.

Function interactive diagram can be displayed independently of myocardial perfusion scoring diagrams.

Commenting on patient position supported.

August 30, 2019 - Version 5.1.0.21

User Profile

Users can view and modify their email address from their Studycast user profile.

Arterial LE Worksheet

Worksheet calculates PFA ratio.

Misc. Cardiac Updates

New interactive diagram option on stress echo worksheet.

Users can opt to display Conclusions first on stress echo report.

Streamlined findings/conclusions statement for global wall motion on nuclear cardiac.

Customized abnormal threshold statement trigger now available for several Aortic valve values.

August 21, 2019 - Version 5.1.0.20

Viewer

Calculate EF for Echo studies.

Updated user interface for performing Echo Doppler measurements in the viewer.

August 17, 2019 - Version 5.1.0.19

Stress Echo Worksheet

Ability to document 3 arrhythmias at each EKG/ECG level.

Ability to comment on ST-T wave abnormalities separate from Rhythm.

Additional ST-T wave abnormality options.

Global wall motion statement generated when diagram is globally set to abnormal state.

Stress Protocol findings statement regarding peak dose prints the highest dose administered.

Favorites List Management

Users can re-order their Studies page filter favorites.

Users can re-order their Worksheet presets.

August 3, 2019 - Version 5.1.0.18

Echo Worksheet

Additional measurement fields have been added: LVOT SV and LVOT CO.

AV Mean Gradient can print in findings always, never, or only when abnormal.

AVA, AVA/BSA statements can print in findings and conclusions always, never, or only when abnormal.

Global wall motion can be linked to wall motion diagram.

Option to split valve structure and function into two findings sentences.

Display abbreviated Echo conclusions.

Nuclear Cardiac Worksheet

TID Ratio is calculated for EDV and ESV, findings statement generated.

Ability to document 3 arrhythmias for rest and 3 for stress.

Ability to document Lung uptake, RV myocardial uptake, LV Uptake, Attenuation, FDG Uptake.

July 20, 2019 - Version 5.1.0.17

Reports

User can opt to display conclusions first on reports for study types including: A-V Fistula, Abdominal Aorta, ABI, Arterial LE, Arterial UE, CIMT, Mesenteric Artery, Renal Artery, Segmental Pressures, Vein Mapping LE, Vein Mapping UE, Venous LE, and Venous UE.

A-V Fistula Worksheet

A-V Fistula now supports protocols: Duplex, Radialcephalic, Brachialcephalic, Brachialbasilic.

Volume Flow Ratio measurement for veins available as configurable column.

Fistula Depth measurement available as configurable column.

July 6, 2019 - Version 5.1.0.17

Batch Study Downloads

Multiple studies in DICOM format can now be downloaded at one time.

Reports

User can opt to display conclusions first on reports for all vascular study types.

Conclusion statement generated when Bladder post-void volume exceeds the normal threshold.

Users can customize the normal limit Bladder post-void volume.

Security Enhancements

New Studycast user accounts for which the temporary password is not changed within 14 days shall be set inactive.

Studycast user accounts that have not been used for 60 consecutive days shall be set inactive.

June 10, 2019 - Version 5.1.0.16

Two-Factor Authentication (2FA)

Clients can allow/require/disable two-factor authentication at login.

Users can set up 2FA with a phone or mobile device.

Administrative users can reset 2FA for Studycast users.

May 25, 2019 - Version 5.1.0.15

HTML5 Study Viewer

Users can specify the following DICOM tags to overlay on the image: HR (displayed by default), Patient Name, Patient DOB, Sex.

May 11, 2019 - Version 5.1.0.14

Echo Worksheet Advisor

Users can retain manually entered findings statements.

Nuclear Cardiac Worksheet

Worksheet supports decimal precision for Max ST Deviation, METs, LV Volume units ml or cc, Radio Dosage, Stage Dosage.

Users can specify default "Minutes from dosage until SPECT performed."

Additional stage dosage unit of mg/5mL.

April 28, 2019 - Version 5.1.0.13

Send EKG/ECG Studies Directly to the Studycast System

For EKG/ECG equipment that will send DICOM with an encapsulated PDF report, the test will upload to the Studycast system and the EKG will appear as an attachment.

Echo Worksheet and Report

Contrast Agent options and statements were updated.

Measurement added near visual EF observation allowing entry of value (not just range).

Measurement PV VTI was added.

Option Absent was added to AV/MV/PV/TV Vegetation observation.

Option None was added to Hemodynamic Compromise observation.

Measurement section Strain was added to LV tab: Global longitudinal strain, Global circumferential strain, and Global radial strain.

April 14, 2019 - Version 5.1.0.12

Echo Worksheet

Transthoracic Echo - another option now available for interactive wall motion diagram with option to display total wall motion score and ability to apply observations by individual section or by region.

Abdomen Worksheet

New observations for Aorta patency and Renal Arterial inflow.

March 29, 2019 - Version 5.1.0.11

Study Viewer

The Play All delay setting is now saved per user.

March 17, 2019 - Version 5.1.0.10

Two Physicians Can Independently Sign Final Report

Clients can opt to require a Verifying Physician on final reports. When this option is applied, two approvals will be required.

Notifications will be sent to each physician at the appropriate time.

Studies page can display Verifying Physician, Verified By and Verified date.

Echo, Holter, Fetal Echo and Focused Echo Worksheet

Rhythm dropdown in Patient Information section now present on worksheets.

February 3, 2019 - Version 5.1.0.8

ETT Worksheet

Support for Procedure statements.

Additional Exercise Protocols.

EKG Worksheet

Support for Procedure statements.

New Interface for Admin Page

New interface for Admin page.

Release Notes 2018

2018 Release Notes

November 11, 2018 - Version 5.1.0.3

Study Viewer

Viewer overlays patient heart rate on image/loop when heart rate is present in DICOM.

October 26, 2018 - Version 5.1.0.2

ABI, Segmental Pressures, Arterial LE, Abdominal Aorta and Screening Worksheets

Users can specify TBI abnormal limit.

Fetal Echo Worksheet

Users can opt to label the AFI Quadrants as Q1 through Q4.

September 23, 2018 - Version 5.1.0.0

New HTML5 Study Viewer

Compatible with iOS devices.

New interface with additional time-saving features.

August 17, 2018 - Version 4.1.0.84

Report Option

Most study reports now support an option to display an alternate label for Conclusions.

Thyroid Report

Critical Findings and Addendum now appear before report images.

Segmental Pressures Report

A text-based report is now available.

August 5, 2018 - Version 4.1.0.83

ABI, Segmental Pressures, and Vein Mapping LE Worksheets

Procedure dropdown added.

Users can specify custom procedure statements.

Thyroid and Abdominal Aorta Worksheets

Users can specify custom units and precision.

July 22, 2018 - Version 4.1.0.82

Pelvic Worksheet

Users can specify measurement units and precision.

Obstetric Worksheet

Users can specify measurement units and precision.

July 10, 2018 - Version 4.1.0.81

Arterial LE Worksheet

Worksheet supports laterality.

Interactive diagram reflects laterality.

Minor updates for consistency as it relates to tabs/findings sections.

Arterial UE Worksheet

Worksheet supports laterality.

Interactive diagram reflects laterality.

June 24, 2018 - Version 4.1.0.80

Transcranial Doppler Worksheet

Users can define PI abnormal range.

Carotid Worksheet

ICA/CCA ratio can be calculated using Bifurcation value.

Users can display EDV ICA/CCA ratio in Carotid Criteria.

June 10, 2018 - Version 4.1.0.79

Nuclear Cardiac Worksheet

Users can choose method used for determining peak HR and BP.

Users can manually enter minutes from dosage.

New treadmill test types: Adenosine with treadmill, Lexiscan with treadmill.

Left ventricle ESV and EDV can be documented at both Rest and Stress.

May 29, 2018 - Version 4.1.0.78

Fetal Echo Worksheet

New AFI percentile calculation.

Users can comment on AFI by percentage or cm.

Users can define custom AFI percentage criteria.

AFI chart when percentage and reference are available.

Users can configure additional measurements / observations by protocol.

Users can define default observation value.

Worksheet option available for normal wording to be: Normal, Visualized, or Seen.

AV Fistula Worksheet

Users can define custom units for Brachial/basilic junction and Radial/ulnar bifurcation.

May 12, 2018 - Version 4.1.0.77

Vein Mapping UE Worksheet

Vein Mapping UE worksheet converted to New Framework.

Users can configure vessels and measurements/observations.

Interactive Diagram displays vessels and measurement field.

Users can optionally display diagram on report.

April 27, 2018 - Version 4.1.0.76

AV Fistula Worksheet

Users can configure vessels.

Vein ratio calculates for all vessels based on anatomical proximity.

Fistula can be targeted to/from groin.

Obstetric Worksheet

New AFI percentile calculation.

Users can define custom AFI% criteria.

Users can comment on AFI by % or cm.

AFI chart on report when % and reference available.

Trisomy Screening risk factors can be documented.

April 15, 2018 - Version 4.1.0.75

Custom Field Definitions

Users can specify default units and precision for measurement fields belonging to: Venous LE, Echo, AV Fistula.

New Vein Mapping LE Worksheet

Includes Venous LE vessels plus Giacomini and Tib-per trunk.

Interactive Diagram with measurement display defaulting to AP Diameter.

Obstetric Worksheet

Additional observations.

Observations can be mass updated to Visualized.

HL7 Order Integration

EMR/EHS systems sending HL7 Orders to the Studycast system can have: Order sent to CoreMWL modality worklist server, or Study created in the Studycast system.

March 18, 2018 - Version 4.1.0.73

Update Study Time

Users can set study time in addition to date on Date of Service via Batch Action.

Addendum Notice Now in Conclusions

Addended reports include an Addendum notice at the start of the report conclusions.

Axillary Artery in Arterial LE

Users can document grafts to/from the Axillary Artery.

SPJ/SFJ Now Independent of SSV and GSV in Venous LE

Sup. Varicos. subvessels added.

SPJ and SFJ now independent of SSV and GSV.

Users can opt to include vessel AP x T measurements in findings.

March 4, 2018 - Version 4.1.0.72

Arterial LE/UE Worksheets

New Arterial and Graft EDV measurements for all vessels/grafts.

Venous LE Worksheet

Interactive Diagram now scalable.

Subvessels added for IVC, CIV, EIV and IPV.

IVC tab and IVC Findings displayed when IVC vessels active.

New protocol Iliocaval with Iliocaval-specific interactive diagram.

Obstetric Worksheet

Zygocity and Chorionicity observations for multiple gestations.

Additional cyst observations include composition, presentation, and color flow w/ Doppler.

Fetal Echo/Obstetric Worksheets

Additional Fetal Anatomy fields.

February 18, 2018 - Version 4.1.0.71

User Interface

Patient information section includes more fields from Patient properties.

Patient fields now in bold.

Sonographer comments can be saved as list (per client/division/study type).

Improved labeling: Date is now Date of Service; Reading is Reading Group; Referring is Referring Group; Ordering is Ordering Group.

Arterial LE/UE and AV Fistula Worksheets

PSV Ratios read-only by default.

Only impacted ratios recalculate on change of PSV.

Native PSV values appear in red if abnormal.

Users can omit PSV Ratios from reports.

Nuclear Cardiac Worksheet

Users may define "% of predicted" default value.

Users may define radiopharmaceutical and dose per test type/protocol.

Venous LE Worksheet

Users may define one measurement to appear on diagram.

February 2, 2018 - Version 4.1.0.70

Arterial UE Worksheet

New Protocols: Duplex and Graft.

New Interactive Diagram.

Vessels now include Prox, Mid, and Dist.

Fetal Echo Worksheet

New: Z-score support.

New: Patient Cases and EDD by Previous Ultrasound.

Help Update

Release notes for 2017 and 2018 added.

January 21, 2018 - Version 4.1.0.69

Transcranial Doppler Worksheet and Report

The exam type field has been replaced by the protocols Complete and Limited.

Configuration is now available.

New Study Type: Fetal Echo

Worksheet and report are now available.

A-V Fistula

A Fistulas tab was added to the worksheet allowing for 8 fistulas to be noted.

Studies Page: Accession Number

The Accession / Encounter # column can be displayed on the Studies page.

Studies can be filtered by Accession / Encounter # using the Search feature.

January 7, 2018 - Version 4.1.0.68

Transcranial Doppler Worksheet and Report

The worksheet now supports custom criteria. The criteria table can be displayed on the report.

OB Worksheet and Report

A Discordance percentage is now calculated on the worksheet when a Discordance value is present. The percentage is calculated using the formula: Discordance Percentage = (largest EFW - smallest EFW) / largest EFW x 100.

CTA

Supported Measurements by Import Type

Studycast supports importing measurements to CTA studies using XML files. The table below shows which measurements Studycast can import.

Measurement	4DM
LCM Coronary Artery Calcium Score	X
RCA Coronary Artery Calcium Score	X
LAD Coronary Artery Calcium Score	X
LCX Coronary Artery Calcium Score	X

Measurements Not Populating

My measurements aren't populating the worksheet. What do I do?

Was the calculation package used?

First, make sure the measurements were captured using your equipment's calculation package. Keep in mind that some machines only have calculation packages for certain study types.
If you're not sure whether a calculation package was used, look at the study images. Measurements that were captured with a calculation package are identified with meaningful labels that tell the Studycast system where the values belong on the worksheet. Measurements captured without a calculation package do not have these specific labels.

With Calculation Package

Without Calculation Package

A calculation package was used, and no measurements are populating

If you're using the calculation package, and none of your measurements for a given study are populating, there are several reasons why this might occur, including:

- Your equipment cannot export calc measurements as Structured Report (SR) data
- The SR option is not currently enabled on your equipment
- Your equipment is sending the calc measurements with labels the Studycast system does not recognize

A calculation package was used, and a few measurements are not populating

If you're using the calculation package and just a few measurements did not populate, follow these simple steps:

1. Open the Studycast worksheet with missing measurements and click the Support tab at the top of the page. A pop-up window with Support information will appear.
2. Complete the Support Request Form section noting the measurements that didn't populate (ex. Right SFA Prox 3.6 cm did not populate the worksheet). On submission the form will automatically include your Studycast username and the Study ID of the worksheet you're viewing.

3. Press the Send button to submit the form to Studycast Support. You will be notified within 3 business days after Studycast has reviewed and made updates to begin populating the missing data.

Contact Us

If you're capturing measurements using a calculation package, and they are not populating your worksheets, contact Studycast support. We'll work with you to resolve the issue.

SFTP Integration - Client FAQs

SFTP Integration - Client FAQs

What is the address of the Studycast SFTP server?
Studycast does not provide an SFTP server; the SFTP server must be provided by the client/their IT support

Can Studycast upload to my FTP server?
No, Studycast only supports uploading to an SFTP server via the free SFTP integration.

Can Studycast upload to my Dropbox/Google Drive/other web-based platform?
No, Studycast only supports uploading to an SFTP server via the free SFTP integration.

What SFTP server should I use on Windows?
Studycast supports uploading to any brand of SFTP server. Several of our clients have successfully used /n software's SFTP server. Filezilla Server is NOT supported simply because it does not support SFTP (it supports FTPS)

Which IP addresses does Studycast use to upload to my SFTP server (I want to unblock Studycast at my firewall)?
Allow subnet range 204.109.61.0/24. The /24 includes IPs 204.109.61.1 through 204.109.61.254 which covers all of our current and future SFTP upload points. If client cannot use subnet ranges, Studycast uploads from 204.109.61.24

I don't trust passwords . Can Studycast log in using Public Key authentication ?

Yes, Studycast supports Public Key Authentication into your SFTP server. See below "What is your Public Key"

What is your Public Key?

Support: Send client the attached Studycast public key file, cw_id_rsa.pub

What about SFTP uploads from Mirth that don't go through a VPN? Does Mirth have its own public IP?

Yes, the production Mirth server's public IP address is 204.109.61.27 (which is different than the public IP of the Studycast application when it sends files via SFTP)

Can we change the file names for report delivery?
Yes, our SFTP form allows the client to request a different file naming convention, based on available fields (IE: Patient's First name, Last name, DoB, MRN, Study ID)
It's important to note that file names must contain one unique value, or you may wind up with a duplicate file name, which will cause undesired results on report delivery.

Release Notes 2017

2017 Release Notes

December 18, 2017 - Version 4.1.0.67

Studycast Online Help Update

Help content is now searchable.

Help content is now downloadable in PDF format.

Studycast Transcranial Doppler Reporting Update

Users may comment on emboli per vessel.

Users can set default emboli value.

Interactive Diagram Reporting Update

Users can include/exclude interactive diagrams on all New Framework worksheets by default per study type/protocol.

Users can override interactive diagram setting via worksheet checkbox.

December 9, 2017 - Version 4.1.0.66

Report Images

Now include up to 40 images on your Studycast reports.

Ability to auto fill images and specify image layout on the Report Images tab of the worksheets.

Obstetric Reporting Update

Now supports up to 12 gestations.

Pelvic Reporting Update

Now includes the ability to document 10 follicles.

Echo Reporting Update

Ability to include LA and multiple AV measurements in Findings through worksheet preferences.

October 31, 2017 - Version 4.1.0.64

New Mesenteric Artery Worksheet

Interactive diagram support for Stenosis, Graft, and Stent.

Stenosis observation definition at SMA and Cel levels can be customized by client/division.

Observations available for Stenosis, Waveform, Plaque, Type, and Patent.

Studycast Advisor Update

New Advisor support for LV Hypertrophy (Based on ASE 2005 recommendations).

Batch Action Update

Batch update support for Performing User and Location.

CoreShare Update

CoreShare notification email address can be modified.

October 18, 2017 - Version 4.1.0.63

Studycast Advisor Update

Studycast Advisor Update

New Advisor support for LV Diastolic Dysfunction (Based on ASE 2016 guidelines).

Echo Worksheet Update

Contrast agent added for Transthoracic Echo protocol.

Worksheet now includes these measurements: SOV height, MVA duration, MVA planimetry, TDI s', RVOT VTI, RA Vol/BSA.

CoreShare Update

CoreShare now remembers Expiration Date per Studycast user.

October 6, 2017 - Version 4.1.0.62

New Venous Intervention Worksheet

This worksheet is designed to support Philips Volcano IVUS machine.

Vessels for observation/measurement include IVC, and right/left CIV, EIV and CFV.

Interactive diagram displays Stents and Annotation.

Renal Artery Worksheet Update

Cortex supports commenting on Superior, Mid and Inferior levels.

Resistivity Index calculated per laterality, based on mean Cortex velocities.

Upper and lower normal range limits for Resistivity Index can be customized by client/division.

September 19, 2017 - Version 4.1.0.61

Date of Service Can Be Changed

Date of Service for studies can be changed via Batch Action->Properties.

Comment can be entered next to Date of Service to document reason for DOS change.

Change Date of Service available to Client Administrators, by default.

Change Date of Service permission can be granted via Admin.

Carotid Report Update

Carotid Criteria table now includes Primary and Additional Parameter headings on study report if criteria option is enabled on report.

September 5, 2017 - Version 4.1.0.60

Modality Support for Studies

Modality automatically set on study upload when present in DICOM tags.

Users can select Modality from list via Patient section of Worksheet, Study Properties, and Batch action.

Modality column available on Studies page.

Add More Than 3 Recipients to Final Report Notifications

New Report Recipients tab to specify additional Final report recipients.

Venous LE Worksheet Update

New Abdominal Venous protocol.

CoreShare Update

Users can exclude report from shared study.

August 24, 2017 - Version 4.1.0.59

Carotid Worksheet Update

New EDV ratio observation for ICA/CCA, in addition to PSV ratio.

EDV ratio calculates automatically when sources and values specified for both ICA and CCA.

Abnormal ratio statement in conclusions for EDV or PSV.

Default location for EDV or PSV can be specified by user.

August 11, 2017 - Version 4.1.0.58

Echo and Screening Worksheets Update

2D values for IVSd and LVPWd measurements added.

Boston Z-Score data now default source for all current Studycast Z-Score fields for which Boston data is available.

For Studycast worksheets which support Z-Scores, users can select a default Z-Score source per field.

Z-Score hover/hint in worksheet identifies the source used for the given Z-Score field.

Echo and Screening worksheets - Users can capture both Mmode and 2D values for IVSd and LVPWd.

Nuclear Cardiac Worksheet Update

Protocols updated to PET | MUGA | SPECT.

Radiopharmaceutical section specifies Protocol in the label and Findings.

For PET Protocol, FDG Uptake measurements added.

User can manually enter LV EF, LV ESV, EDV values.

Users can manually comment on Hypertrophy.

July 10, 2017 - Version 4.1.0.57

Pelvic Worksheet Update

New protocols Sonohysterosalpingogram (SonoHSG) and Sonohysterography (SIS/Saline sonogram) allow: Contrast agent to be documented; Endometrial mass can be documented; Endometrium thickness can be documented both anterior and posterior.

Stress Echo Worksheet Update

Contrast agent statement now appears as part of procedure statement on report.

Contrast agent measurement can be entered as a value from 0.1-99.99.

Obstetric Worksheet Update

Worksheet preferences allow clients to choose to document fetal anatomy observations Seen or Normal.

Worksheet preferences allow clients to define the prioritization list for default Best Assessment of EDD selection.

June 26, 2017 - Version 4.1.0.56

Studies Page Update

Study Protocol dropdown list only shows protocols for client's available study types.

CoreShare Update

CoreShare now saves recipient email addresses per user.

Recipient autocomplete displays last 100 email addresses.

Worksheet Previous Results Update

Previous Results button is only active when Previous Results are available.

May 31, 2017 - Version 4.1.0.55

Studycast Advisor Update

Studycast Advisor automatically regenerates Findings corresponding with the target of applied advice.

Automatic regeneration of the corresponding Findings can be disabled on a client or division basis.

Users can override the default setting on a per worksheet-session basis via the Regenerate corresponding Findings checkbox.

Obstetric Worksheet Update

PSV percentiles calculated for Umbilical and Middle Cerebral Arteries.

Charting available for Fetal Vessels Doppler fields.

May 19, 2017 - Version 4.1.0.54

New Studycast Advisor

The Studycast Advisor will provide users with advice based on published guidelines.

Currently available with the Echo worksheet for the new ASE Valvular Regurgitation Guidelines.

Echo Worksheet Updates

New Studycast Advisor for Valvular Regurgitation.

New measurements and observations: MV VCW, AV VCW, TV VCW, TV EROA, TV Reg Vol, PV Decel Time, PV PPHT, PV Reg Fract, Additional observations for TV/AV prolapse, Grades added to Regurgitation for MV/AV, Doppler observations added to all four valves.

April 17, 2017 - Version 4.1.0.53

Obstetric Worksheet Updates

New Fetal Vessels Doppler section with measurements and calculated percentiles for Umbilical and Middle Cerebral arteries.

Cerebroplacental Ratio calculation and percentile.

April 4, 2017 - Version 4.1.0.52

Stress Echo Worksheet Updates

Users can specify Heart Rate predicted percentage.

AS added to Rest/Stress observations and will appear in findings and conclusions.

Arterial LE Worksheet Updates

Graft proximal, mid and distal observations added.

A-V Fistula Report Updates

Report supports display of laterality selected on worksheet.

March 24, 2017 - Version 4.1.0.51

Obstetric Worksheet Updates

Multiple fetal anatomy observations can be selected/set at once using click, shift-click and control-click.

All dimensions converted to Sag x AP x Trans.

Additional Maternal Anatomy observations and descriptors.

Findings and conclusion statements behave consistently for fields also present in the Pelvic worksheet.

Nuclear Cardiac Worksheet Updates

Test Types replaced with Protocols.

Default protocol can be specified.

Default values for observations may be specified by protocol.

CoreShare Updates

Users can specify which images are included in shared study.

CoreShare usage appears in Access log.

March 10, 2017 - Version 4.1.0.50

Arterial Graft LE Study Type

Arterial Graft LE is now available as a 'Protocol' on the Arterial LE worksheet.

Arterial LE worksheet now contains two protocols: Duplex and Graft.

Arterial Duplex LE Protocol

Pre-existing features for Arterial LE now part of the Duplex protocol.

Ability to document velocities and ratios for Abdominal Aorta.

Ability to annotate on the interactive diagram.

Arterial Graft LE Protocol

Ability to draw up to 8 grafts on the interactive diagram.

Grafts are visible by selecting observations values on the Graft tab of the worksheet or by clicking on the diagram.

Ability to annotate on the interactive diagram.

February 19, 2017 - Version 4.1.0.49

Thyroid Worksheet Update

Lymph node, nodule, and parathyroid gland measurements now in mm.

Measurements reordered as Length, AP, and Trans.

Vascularity, lymph nodes, and parathyroid glands now generate Findings statements with additional descriptors.

February 10, 2017 - Version 4.1.0.48

Study Status Permission Updates

Approve Study replaces Mark Study Final permission.

Reset Study Status replaces Unmark Study Final permission. Permission is only for changing status of approved studies.

New permission - Change Study Status: allows changing the status of any study unless it has already been approved.

Obstetric Worksheet Update

Worksheet Presets now available in Obstetrics worksheet.

Reload Measurements now available in Obstetrics worksheet.

Default fetal anatomy checkbox functionality replaced by Configuration dialog.

Reporting on extremities configurable by detail or by general location.

Obstetric Report Updates

Ability to display primary measurements immediately after heart rate, before other measurements.

January 27, 2017 - Version 4.1.0.47

Obstetric Worksheet Update

GA and General section now in its own tab.

New Protocol field including Trimester selections.

Study Description is now editable.

Additional presentation options.

New observations.

Obstetric Report Updates

Ability to HIDE GA values on report.

Ability to reorder sections on report.

Ability to include study description in report header.

January 13, 2017 - Version 4.1.0.46

Custom Fields

Clients can now define Custom Fields to store study data.

Custom Field values can be displayed on Studies page.

Custom Fields replace Study Options.

Carotid Worksheet Update

Conclusion statements ordered with priority of ICA over CCA over ECA.

Nuclear Cardiac Worksheet Update

For Intravenous test types, duration units of seconds now included in Findings.

Venous LE

Duplicate Vessels

The A-V Fistula , Venous LE, Vein Mapping LE, and Vein Mapping UE worksheets provide functionality to quickly add duplicate veins and arteries for your peripheral vascular exams.

Creating Duplicate Vessels

Adding a duplicate vessel to a Studycast worksheet provides the ability to document the vessel as you would document the original, native vessel. The measurements and observations appearance on the report will mirror that of the native vessel.

To add duplicate vessels:

1. Click the **+ Duplicate** button, located at the top left of the Veins and Arteries tabs in the worksheet.
2. In the window that opens, select each vessel which requires a duplicate, and click **Submit**.
3. You will now see the newly created duplicate vessel located directly below its counterpart, with **Dup** added before the vessel label.

> ⓘ If you prefer a different label than Dup for these vessels, or if you would like to move the position to the end of the vessel label (Subclavian Dup, rather than Dup Subclavian), contact Studycast Support

Not Visualized Vessels

The Venous LE, Arterial LE, and Abdominal Aorta worksheets provide users with an easy method to mark vessels as “not visualized”. This functionality can be used to indicate that a vessel was looked for but was not visualized.

> **Note:** “Not visualized” should not be used in the same capacity as an “inconclusive” result. Please use the observations drop-down fields to mark vessels “inconclusive”.

To use this feature, navigate to any of the supported worksheets and find the eye icon, which is located to the right of the vessel label.

This icon toggles between two states and will default to an inactive state.

Marking a vessel as “not visualized”:

Click on the inactive eye icon. The icon will now be in an active state. This will clear and lock the entire row of observations (drop-downs) for the vessel.

To see this reflected in your Findings statements, click **Generate All Findings**. The statements will now reflect that the vessel was not visualized.

In the study report, vessels marked “not visualized” will now appear in the observations and measurements table as **N.V.** or **Not visualized**.

To remove a vessel’s status of “not visualized”:

Click on the active eye icon (). It will now be in an inactive state (), and the row of observations will no longer be locked.

To see this reflected in your Findings statements, click **Generate All Findings**. The statements will no longer reflect that the vessel was marked “not visualized”.

How do I update patient name

I get a message saying "Patient Already Exists"

1. Click on the **Study ID** for the exam, and the 'Studies Properties' window will appear.
2. Click the 'Lookup Patient' area to look up and existing patient record to associate with the study.
3. Start typing the patients name to begin searching and select the correct entry from the list to associate the study with that patient record.
4. Click **OK** to save the change.

When I click the Patient Name Nothing happens

- If clicking on the patient name doesn't open an edit window it means your user profile doesn't have the 'Edit Patient Information' permission. Please contact an administrator on your Studycast account.
- You can still update the patient assigned to the exam by clicking on 'Lookup Patient' in the 'Study Properties' window.

The patient's name is still incorrect on the report

To update a patient's name on a finalized study report you have two options:

1. Add an addendum to the exam. This will allow the user to add an Addendum which puts a note on the generated report and patient information will update on the report.
2. Reset exam to Preliminary and have doctor reapprove exam. This option will allow the user to update all information on the report and generate a new report.

Studycast FAQ

What is Studycast?

The Studycast system is Core Sound Imaging's cloud-based solution for medical imaging workflow, which includes uploading study images and data, viewing images and cine loops, documenting findings, and generating a final report. Users are assigned a username and password, which allow them to access the system. Depending on their user type, users can view images, modify study worksheets, and approve study reports. Users can access studies from any computer or mobile device with internet access.

What is Studycast Support?

Studycast Support provides technical support to Core Sound Imaging's clients via telephone, e-mail, and remote support sessions.

What are your support hours?

Support is available Mon-Fri from 9:00AM to 8:00PM Eastern. Online and phone support are available during these hours.

How can I contact Studycast Support?

There are multiple ways to contact Studycast for support:

1. Website - http://www.corestudycast.com/support
2. Phone **- 919-277-0636 Ext. 3** or toll free at **866-209-3393**
3. Email - support@corestudycast.com

Studycast Study Types

Studycast has worksheets/templates for over 100 different study types. Here is a list of study worksheets available on Studycast.

1. AAA
2. Abdomen
3. Abdomen and Pelvis XRay
4. Abdomen XRay
5. Abdominal (vet)
6. Abdominal Aorta
7. ABI
8. Angiography
9. Ankle XRay
10. Arm XRay
11. Arterial
12. Arterial LE
13. Arterial UE
14. Arthrography
15. A-V Fistula
16. Barium xray
17. Biopsy
18. Body CT
19. Breast
20. Cardiac cath
21. Cardiac CTA
22. Cardiac MR
23. Cardiac MRI
24. Carotid
25. Chest CT
26. Chest Wall
27. Chest XRay
28. CIMT
29. Coronary Angiogram
30. CT Abdomen and Pelvis
31. CT Colonography
32. CT Enterography
33. CT Head Perfusion
34. CTA
35. CTA (deprecated)
36. Custom
37. Digital Subtraction Angiography

38. Echo
39. Echo (vet)
40. EEG
41. eFAST
42. EKG
43. Elbow XRay
44. Electrophysiologic procedure
45. ETT
46. Fetal Echo
47. Fetal Non-Stress Test
48. Fistulography
49. Focused Abdominal Aorta
50. Focused Biliary
51. Focused Bowel
52. Focused Cardiac
53. Focused Echo
54. Focused Lower Extremity Venous
55. Focused Obstetric
56. Focused Ocular
57. Focused Pelvic
58. Focused Renal/Urinary Tract
59. Focused Soft Tissue/Musculoskeletal
60. Focused Testicular
61. Focused Thoracic
62. Foot XRay
63. Guided injection
64. Hand XRay
65. Head CT
66. Hip XRay
67. Holter
68. Hystersalpinogram
69. IV placement
70. Knee XRay
71. Leg XRay
72. Lumbar puncture
73. Lung & Pleural
74. Lung XRay
75. Mesenteric Artery
76. MMT
77. MR Angiography
78. MRI: Prostate
79. MSK

80. Nuclear Cardiac
81. Obstetric
82. Pediatric CT
83. Pelvic
84. Pelvic Venous
85. Pelvis XRay
86. Percutaneous vertebroplasty
87. PET/CT
88. Post Void Residual
89. Prostate
90. Renal Artery
91. Retrograde urethrogram
92. Screening
93. Scrotal
94. Segmental Pressures
95. SensiLase
96. SensiLase PAD-IQ
97. Shoulder XRay
98. Single Lead ECG
99. Sinuses CT
100. Sleep
101. Soft Tissue
102. Spinal Lower
103. Spinal Upper
104. Spine CT
105. Spine XRay
106. Stress Echo
107. Thigh XRay
108. Thyroid
109. Transcranial Doppler
110. Unassigned
111. Undiff Chest Pain and Dyspnea
112. Undiff Hypotension
113. User Needs CRF
114. VAT
115. Vein Mapping
116. Vein Mapping LE
117. Vein Mapping UE
118. Venous
119. Venous Intervention
120. Venous LE
121. Venous UE

122. Vestibular
123. Wrist XRay

If there is a study type on this list that you don't see on your Studycast account and would like to, contact Studycast Support to add it for you.

How do I setup my machine/equipment to work with Studycast?

What You Need

In order for a modality (ultrasound, nuclear camera, ABI machine, x-ray, etc.) to work with Studycast you'll need a few things.

1. The Studycast upload application, CoreGateway, is installed on a Windows PC (laptop, workstation, or server) (see below for instructions)
2. A DICOM-compliant imaging device
3. A network cable to connect both devices to your office network (LAN), or a network crossover cable to connect your laptop and machine together.
4. Studies to upload. For automatic population of values and measurements on the Studycast worksheet (primarily for ultrasound studies) you should prepare sample exams for each study type you perform. These studies should be comprehensive, with values captured using the calculation packages on your device.

It's also important that you have any administrator credentials or passwords needed to install software on your computer. If the computer is managed by an IT department in your organization, you may need their assistance or approval to install the CoreGateway application.

Step 1: Download CoreGateway

CoreGateway is the Studycast uploading application, which receives studies and securely uploads images.

CoreGateway should be installed on a device that is on the same network as your imaging device or connected to your imaging device via a crossover/ethernet cable.

Administrators and users with the Download CG permission can easily install CoreGateway right from the Studycast application. Just click the CG Download icon and follow the steps to complete the installation.

Note for UltraLinQ Clients: Once you install CoreGateway, you will not be able to upload studies to UltraLinQ. Please work with the Studycast Customer Success team to plan your transition from UltraLinQ to Studycast.

What you will need:
Windows computer with administrative access

As part of the installation, you will see an option to configure this CoreGateway on Studycast. Click this option and select the division to which these studies should be uploaded.

Completing this step before your modality configuration appointment will help to expedite that appointment.

Ensure that " Enable automatic updates is selected

Step 2: Scheduling Your Appointment

Once you have the items above and downloaded CoreGateway, contact Studycast Support to schedule a time to complete the setup. When calling to schedule your installation and configuration appointment, the support team member will ask you for the following information:

1. Your name and contact information (email and phone number)

2. Your Studycast username
3. The Division on the Studycast account for your facility that the studies will be associated with.

The appointment typically takes 30 to 60 minutes but varies based on factors like the number of devices being configured, and number of unique study types (echo, carotid, venous) you'll be sending to Studycast.

New Study Type

We've recently started performing a new study type. How do we get the measurements to auto-populate the worksheet?
To ensure that measurements and study data populate the worksheets correctly, we'll need to verify a sample study for each new study type.

We can use an actual exam, or you can create a sample specifically for this purpose. Either way, the sample you provide for verification must contain a comprehensive set of measurements taken with the calc package on your imaging equipment.

The easiest way to create samples is:

1. Scan your arm or capture a blank image on the machine (study images are not important for this verification process)
2. Use the calc package to take measurements for every item you want to auto-populate
3. End the exam and upload to the Studycast system
4. Repeat the process for all new study types

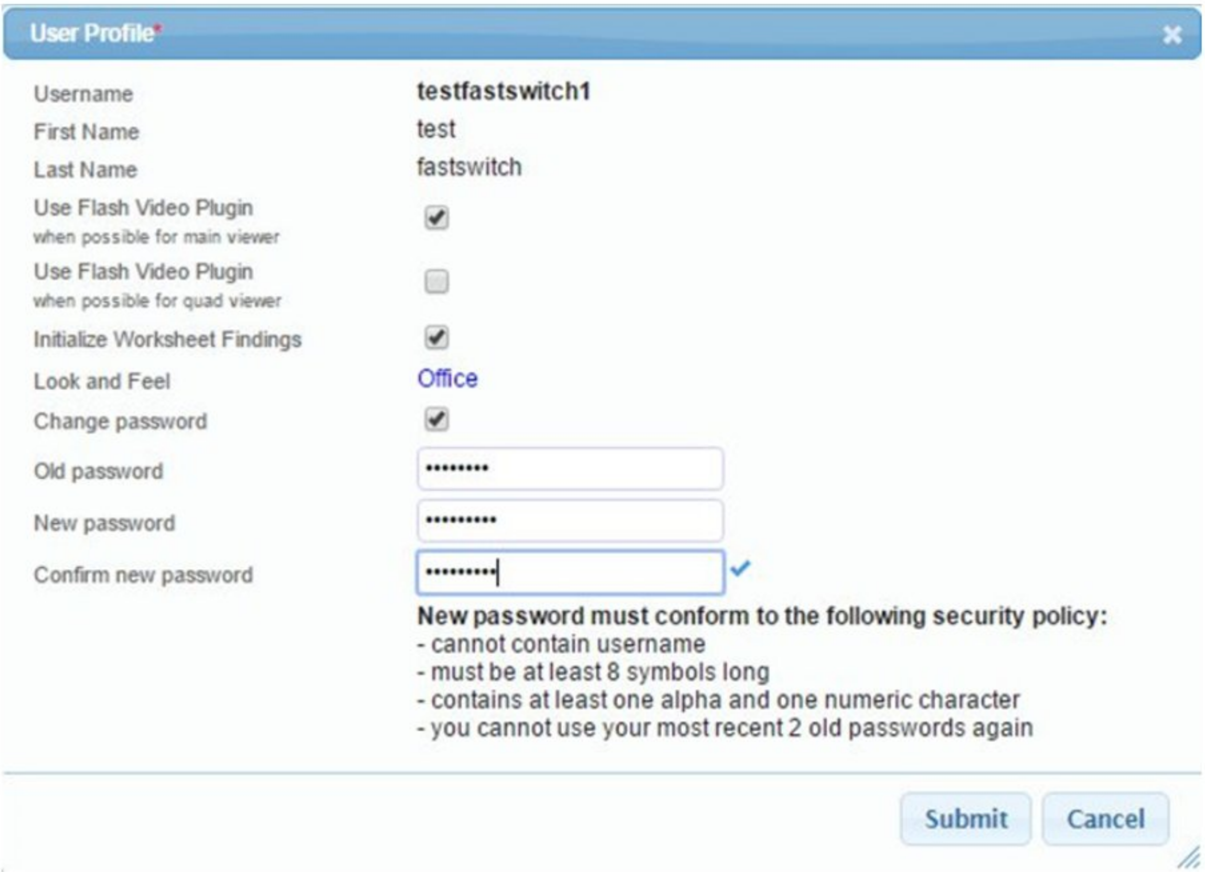
Once your samples have been uploaded, contact Studycast Support and provide the Study ID numbers for your sample studies. Our Quality team will review them and make any necessary updates to ensure that all values populate your worksheets correctly.

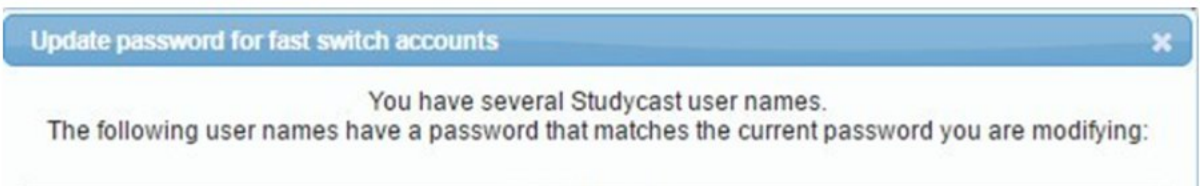
FastSwitch Password Sync

Syncing Fast-Switch Passwords

For your fast switch to work, you must keep the passwords for all of your usernames in sync. The passwords for different usernames will likely expire at different times. To keep your passwords in sync, you must change them before they expire. To change your passwords,

1. On the Studies page, click Profile in the top right corner.
2. In the User Profile window, check the Change password box.
3. Enter your old password. This is the password you used to log into the Studycast system today.
4. Enter a new password that conforms to the security policy listed at the bottom of the window.
5. Enter the new password a second time to confirm.
6. Click Submit.
7. In the Update password for fast switch accounts window, click Yes, update passwords.





In order for this to work my passwords have to already be in sync. How do I do that?

The easiest way to do the initial syncing of your passwords is to contact Studycast Support at 866-209-3393 x3 or support@corestudycast.com. Indicate you have multiple Studycast usernames for which you need the passwords synced. We will set a new temporary password for all your logins. You can then use the steps above to update and sync them.

Reprocess CoreShare SMS Notifications

Reprocess CoreShare SMS Notifications

If a CoreShare fails to send but the phone number listed is correct, you should reprocess it.

To reprocess:

5. Click the check box next to each notification you want to reprocess.
6. Select the batch action menu (**V**) at the top of the check box column.
7. In the menu that opens, select **Reprocess**.
8. Click **OK** to confirm.

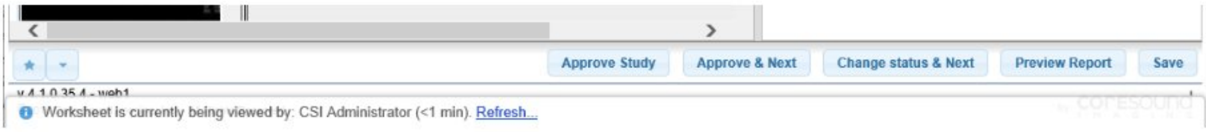
> **Note:** If the notification failed to send successfully because the phone number is wrong, you will need to reshare the study. For more information, see Share Studies.

Concurrent Access

Concurrent Access

It is possible for more than one user to have the same worksheet open at the same time. When that happens, notifications will appear at the bottom:

- When a worksheet is already open, each additional user who opens the same worksheet will see the concurrent access notification as soon as they open the worksheet.
- The software checks for concurrent access every five minutes. If this check discovers that another user has opened the worksheet, the user who opened the worksheet first will see the concurrent access notification at that time.
- When multiple users have the same worksheet open and any of those users tries to save the worksheet, the concurrent access notification will appear.



Hovering your cursor over the message will reveal an **X** on the right-side that will allow you to dismiss the alert.

> If 2 users are simultaneously making changes to the study, only the changes saved most recently will be reflected. In other words, any changes made by the first user viewing the worksheet will be overwritten when the second user saves their changes.

Studycast Direct

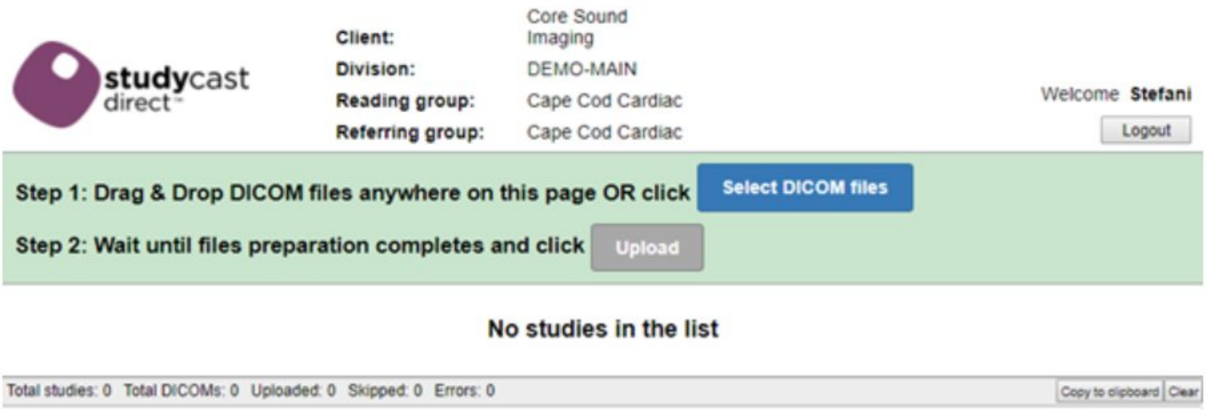
Studycast Direct

The Studycast Direct uploader is a secure web-based tool you can use to upload studies from devices that do not have an installed Studycast uploader. This option is useful for occasionally uploading files from CDs, DVDs, USB storage devices, or computers that are not connected to the modality.
The Studycast Direct uploader is accessed from a separate login page and requires an access key. To get an access key, contact Studycast support.

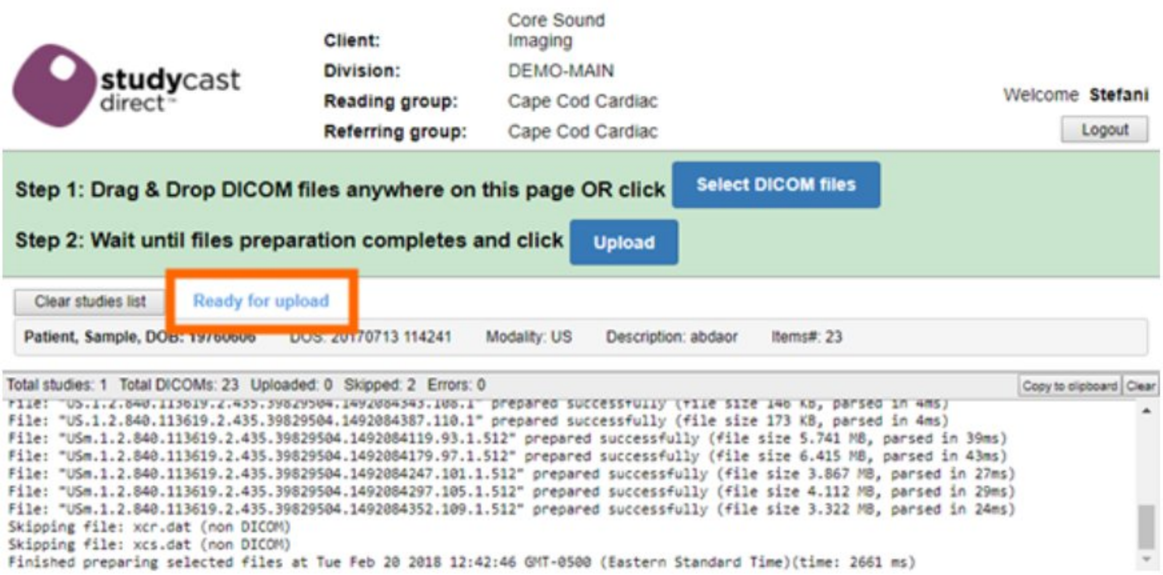
Access Studycast Direct at https://app.corestudycast.com/upload

Uploading Files

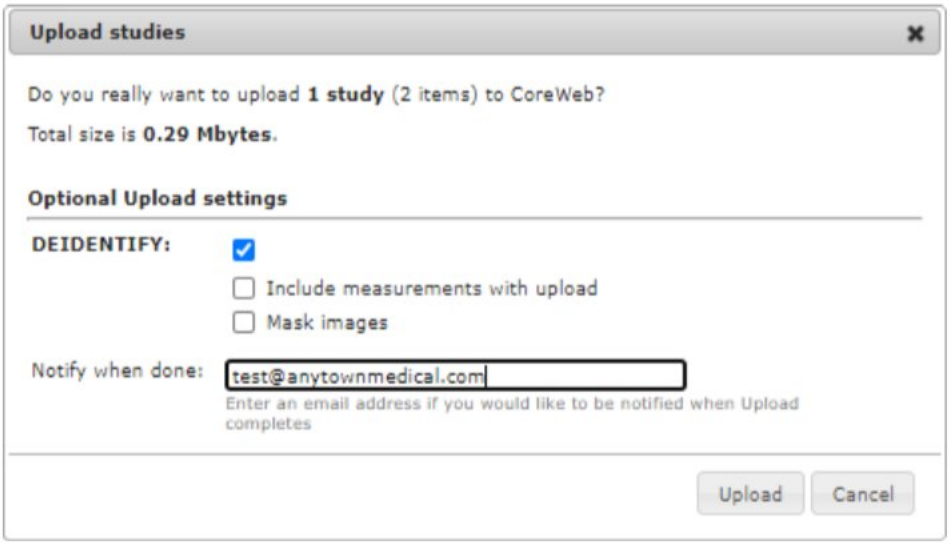
When you log into the Studycast Direct uploader, the screen displays instructions for uploading study files.



1. Click the **Select DICOM files** button.
2. Locate the files you want to upload. You will see activity at the bottom of the window indicating your files are being imported. Once this process is complete, a **Ready for upload** message will appear.

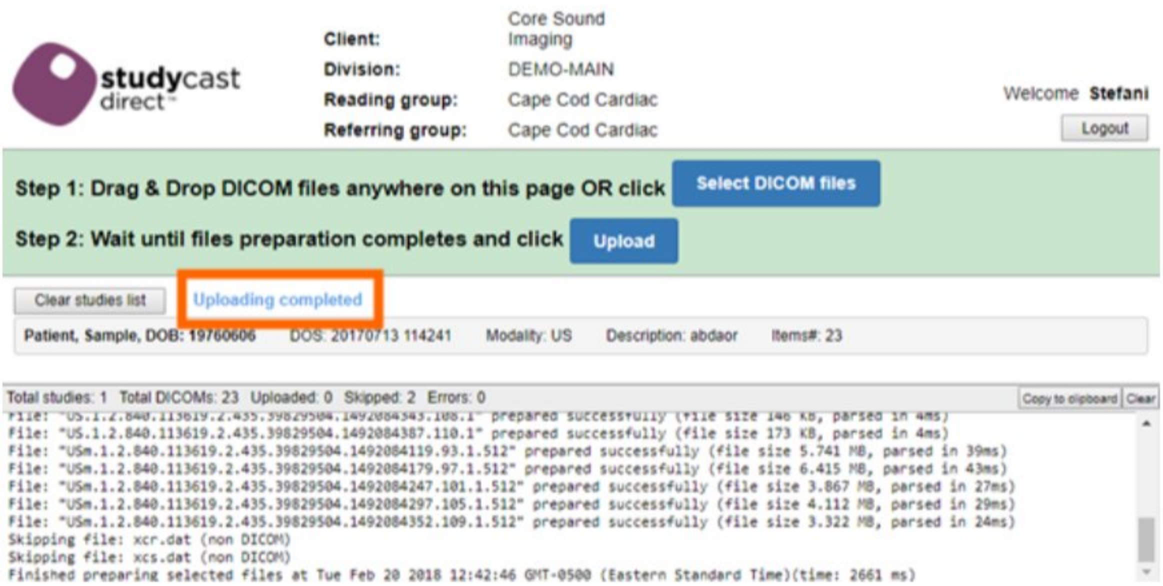


3. Click the **Upload** button. The **Upload studies** window opens.



- If you would like to receive an email that confirms the studies have uploaded, enter your email address.
- To remove Protected Health Information (PHI) from the study data, check the **Deidentify** box. Two additional options will appear:
  - **Include measurements with upload**: keeps study measurements but removes PHI from SR data
  - **Mask images**: places a mask over PHI in study images

4. Click the **Upload** button. A status bar will show the progress of the upload. A message will appear when the upload is complete.



Can Studycast integrate with my EMR?

Studycast is designed to fit your needs, whether you are a single practitioner or an enterprise facility; EMR Integration with Studycast is no different. Whether your desire is to simply move the Studycast final PDF report to your local facility for easy filing, or you warrant a more comprehensive solution with individual patient and study details being sent directly to the patient's chart in your EMR, Studycast has the answer.

- Send study report or other study data directly to your EMR or legacy healthcare information system.
- Configured to securely and automatically transmit study information in an outbound HL7 (ORU and/or MDM) message format.
- HL7 messages can include any of the following information:
  - Encapsulated .pdf report
  - Link to the .pdf report
  - Text-based results
  - Discrete data elements
  - Link to study images (MU Stage 2)

If your facility is interested in learning more about integration of Studycast with your EMR, contact your Core Sound Imaging Account Executive.

Fast Switch General Information - Help

Fast Switch

If you have multiple Studycast usernames, you can request a fast switch, which allows you to switch between your usernames without logging in again. To request a fast switch, [contact Studycast support].

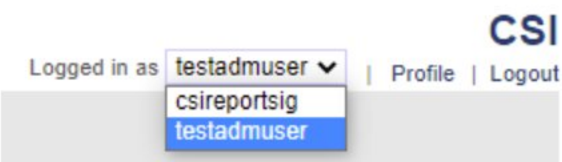
Your fast switch will be added to your usernames, and you will be sent a new temporary password that you can use to log in to any of your usernames. On your first login after the fast switch is created, you will be required to change the temporary password. When you change it, the **Update password for fast switch accounts** window is displayed.

This window lists all of your usernames that are available with the fast switch and asks if you want to update the passwords for all of them. Click **Yes, update passwords**.

Note: To use your fast switch to access all of your usernames without entering a password each time you switch, you must sync the passwords for your usernames. In other words, the passwords for all of your usernames must be the same.

Using Your Fast Switch

When you log into any username with a fast switch, a drop-down list of your usernames is displayed at the top right of the Studies page. To access a different username, select from this list. There is no need to log in again.



Approved Date	Division co
	CSI-MAIN

Managing Your Fast Switch Password

For your fast switch to work, you must keep the passwords for all of your usernames in sync. The passwords for different usernames will likely expire at different times. To keep your passwords in sync, you must change them before they expire.

To change your passwords:

1. On the Studies page, click **Profile** in the top right corner.
2. In the **User Profile** window, check the **Change password** box.
3. Enter your old password. This is the password you used to log into the Studycast system today.
4. Enter a new password that conforms to the security policy listed at the bottom of the window.
5. Enter the new password a second time to confirm.
6. Click **Submit**.
7. In the **Update password for fast switch accounts** window, click **Yes, update passwords**.

If the password on one of your usernames expires, contact Studycast support to have your passwords reset.

Mammography Imaging on Studycast

Question

Does Studycast support mammography imaging?

Answer

Yes, you can view mammography images on Studycast, but typically physicians need to view these types of images in an ACR compliant environment. The Studycast requirements for viewing mammography images that are ACR compliant are:

1. They must be viewed using an ACR compliant monitor.
2. Your operating system and web browser must be set to display at 100% scale.

If these requirements are met, Studycast will display the full acquisition resolution of your images.

Contact Support

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1 article

Table of Contents

Contacting Studycast Support

Studycast Support is available Mon-Fri from 9:00 AM to 8:00 PM Eastern time (excluding holidays). During business hours, you can get support through the following channels:

Submit a ticket online

Phone at 866-209-3393 extension 3 or 919-277-0636 extension 3

3. Emailing support@corestudycast.com