

SIEMENS



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Quick Reference Guide

ACUSON NX3™ Series

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System Overview

Control Panel

1. Power ON / OFF (QuikStart Standby Mode)
2. Patient Study Controls
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11. Depth, Zoom, Focus
12. UD (User-defined Key), Dual
13. Print, Store and Clip
14. Freeze
15. Home Base Controls



System Overview

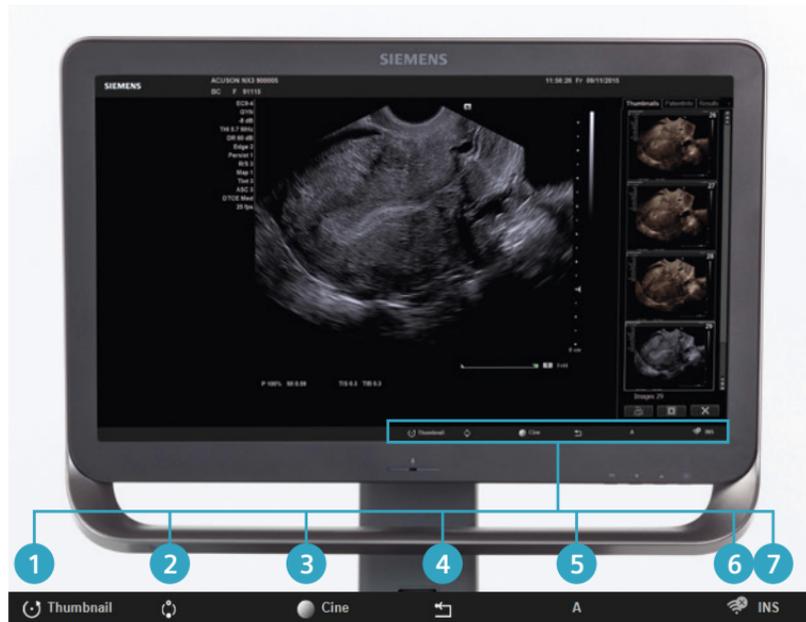
Home Base Area

- 1. Left Set
- 2. Right Set
- 3. Update / View
- 4. Escape
- 5. Caliper
- 6. Trackball (CINE review)
- 7. Wrist Support



Status Icons

1. Select Key
2. Update Key
3. Trackball
4. Escape Key
5. Caps Lock
6. Wireless Connection
7. Insert / Overwrite



System Overview

Connecting Transducer



In the unlocked position, insert the transducer into the port located on the front of the system.



Turn the lock clockwise until it locks into place.





Wheel Locks



Unlocked (wheels can swivel and roll).



Locked (wheels cannot swivel and roll).

Getting Started

Patient Registration

New Patient

1. Press  New Patient
2. Enter patient information.

Patient

Last Name

First Name

MI Pre. Suf.

Patient ID

Date of Birth DD/MM/YYYY

Sex Male Female Unknown

Age

Height [cm]

Weight [kg] BSA (m²)

BP [mmHg] /

3. Select the **Transducer** and **Exam** type and select **OK**.

Exam

Transducer

Exam

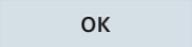


Transducer can also be selected from the Touch Screen (if 3 or more transducers are connected to the system) after patient registration or by selecting Exam on the Control Panel.





Edit Study

1. Press 
2. Use the keyboard to edit patient information.
3. Select  to save.

Patient Registration – Worklist

1. Press  New Patient
2. Enter patient information to search.
3. Select **Worklist** at the upper left side of the form
 - Select **US (Ultrasound) Search**
 - Select the study and press  Select
 - Select  to begin the study.



System must be connected to a HIS/RIS server to access patient worklist.

Getting Started

Transducer/Study

Control Panel and Touch Screen

1. Select  or 
2. Select a transducer from the upper left menu on the image screen.



3. To change transducers during an exam, press **Exam** or the user-defined key assigned to the transducer. 

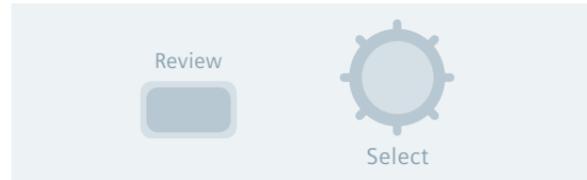
4. Select the transducer on the Touch Screen.



Selection of transducers via the Touch Screen is available once three or more transducers are connected.



Store, Print, Review and End Exam



1. Press  to acquire and save the clip.
2. Press  to freeze the clip/image frame.
3. If desired, roll trackball for frame-by-frame CINE review.
 - Press  to save a static image.
 - Press  to save and print.



Starting a new patient also ends a current exam.

4. Press  , then
 - Press  to view 1x1 format
 - Rotate  to move between images.
5. Press  on the keyboard to end the study.



A compatible printer must be connected and assigned to the print function in the Presets menu before the print function becomes active. Print Store 1 and 2 are customized in the Presets menu.

2D Mode and M-mode

2D Control Panel

Control Panel Controls	Function
2D	<p><i>Brightness Mode</i></p> <p>Press to enter / exit 2D mode. Rotate to adjust overall 2D gain / brightness.</p>
TGO (TGO™ Tissue Grayscale Optimization Technology)	<p><i>One-button image optimization</i></p> <p>Press to optimize the overall image displayed. Press twice to deactivate. Note: Available on live image only.</p>
DGC	<p><i>Manually adjusts gain / brightness at depth</i></p> <p>Default all slide controls in the center. Note: Available on live image only.</p>
Focus	<p><i>Adjusts the focal zone</i></p> <p>Rotate to move up / down and press to activate multiple focal zones. Note: Only available with certain transducers.</p>





Depth/Zoom	<p><i>Adjusts the scanning depth and magnifies the image</i></p> <p>Rotate clockwise / counter-clockwise to increase / decrease depth. Press to activate zoom. Rotate to change region of interest (ROI) size and press to activate. Press again to exit zoom.</p> <p>Note: Zoom available in live or frozen images.</p>
HD Zoom	<p><i>Displays a high density zoom</i></p> <p>Press to activate. Rotate the Depth/Zoom to increase / decrease ROI. Press Depth/Zoom or HD Zoom to activate.</p>
Dual	<p><i>Displays two separately acquired images side-by-side</i></p> <p>Press Dual to activate and toggle between images. Press the 2D key to exit.</p>

2D Mode and M-mode

2D Touch Screen

Touch Screen Controls	Function
TGO Gain*	<i>Controls the TGO gain offset</i> Select to adjust up/down. Note: TGO must be active to adjust.
Trapezoid	<i>Displays linear or trapezoid image format</i> Select to activate/deactivate. Note: Available on live image only. Available on linear transducers only. Defaults to SieClear 2 upon activation.
4B	<i>Displays four separately acquired images</i> Select to activate and add each image. Note: Available on live image only in 2D and Color Doppler.
Image Presets*	<i>Image optimization presets</i> Select to view available image presets. Note: Available on live image only. Customizable in a user-defined exam only.
THI (Tissue Harmonic Imaging)	<i>Increases contrast and lateral resolution. Reduces noise and clutter.</i> Select to activate/deactivate. Note: Available on live image only.



<p>SieClear (SieClear™ Multi-view Spatial Compounding)* and AdvSieClear (Advanced SieClear™ Spatial Compounding)*</p>	<p><i>Enhances contrast resolution and boundary detection</i> Increase for more compounding. Decrease for less compounding. Note: Available on live image only. Settings are transducer and mode dependent.</p>
<p>Edge*</p>	<p><i>Sharpens the contours of a structure</i> Increase for more sharpness. Decrease for less sharpness. To deactivate, select zero. Note: Available on live image only.</p>
<p>RS (Resolution/Speed)*</p>	<p><i>Balances line density (spatial resolution) and frame rate</i> Increase to improve image detail. Decrease to improve frame rate. Note: Available on live image only.</p>
<p>DTCE (Dynamic TCE™ Tissue Contrast Enhancement Technology)*</p>	<p><i>Reduces speckle and enhances tissue contrast</i> Settings are Low, Medium and High. Note: Available on live or frozen images.</p>

*Configurable for the soft key rotary controls and/or touch screen user interface.

2D Mode and M-mode

2D Touch Screen

Touch Screen Controls	Function
Split	Activates two simultaneous images in dual format Select to activate / deactivate.
DTO (DTO™ Dynamic Tissue Optimization Technology)	Activates level of gain compensations. Reduces bright whites. Increase to reduce whites.
ClarifyVE (Clarify™ Vascular Enhancement (VE) Technology)	Decreases artifacts, increases contrast resolution and boundary detection in structures with flow Press to activate / deactivate. Note: Available on live imaging only.
ClarifyVE Levels*	Adjusts levels of sensitivity when using ClarifyVE Rotate clockwise to increase sensitivity. Rotate counterclockwise to decrease sensitivity. Select a higher level to increase. Select a lower level to decrease. Note: Available on live imaging only.





Persist (Persistence)*	<p><i>Frame averaging – determines the number of frames combined into the final image</i></p> <p>Increase for more frame averaging. Decrease to demonstrate motion. To deactivate, select 0.</p> <p>Note: Available only on live image when SieClear is set to Off.</p>
U/D Flip (Up/Down flip) R/L Flip (Right/Left flip)	<p><i>Adjusts orientation on image screen</i></p> <p>Select to switch between orientations [up(U) or down(D) and right(R) or left(L)].</p> <p>Note: Available on live or frozen image.</p>
Clip Capture >>	<p><i>Selects type of clip capture</i></p> <p>Chronology: Prospective, Retrospective. Acquisition Rate: Normal, High. Trigger Type: Time Capture, Beat Capture, Rwave Capture.</p> <p>Note: Available on live image only.</p>

*Configurable for the soft key rotary controls and/or touch screen user interface.

2D Mode and M-mode

2D Soft Keys

Soft Key Controls	Function
P (Transmit Power)	<p><i>Adjusts acoustic energy delivered to the patient</i></p> <p>Rotate clockwise to increase power. Rotate counterclockwise to decrease power.</p> <p>Note: Available on live image only. Changes Mechanical (MI) and Thermal (TIS, TIB) Indices.</p>
DR (Dynamic Range)*	<p><i>Adjusts number of gray shades displayed</i></p> <p>Rotate clockwise for a softer / grayer image. Rotate counterclockwise to increase contrast.</p> <p>Note: Available on live or frozen images.</p>
MultiHertz (MultiHertz™ Multiple Frequency Imaging)	<p><i>Balances between resolution and penetration</i></p> <p>Use higher frequency to increase resolution. Use lower frequency to increase penetration.</p> <p>Note: Available on live image only.</p>





Map	<i>Processing curves that assign echo amplitudes to gray shades</i> Maps A – I are from low to high contrast. Maps 1 – 3 are customizable maps (Modify Map). Note: Available on live or frozen images.
Tint	<i>Colorizes the grayscale image</i> Press and rotate for tints from 0 – 15. Note: Available on live or frozen images.
Rotate	<i>Adjusts image orientation in 90 degree increments</i> Rotate to adjust. Note: Available on live image only.

*Configurable for the touch screen controls and/or soft rotary keys.

2D Mode and M-mode

M-mode Control Panel

Control Panel Controls	Function
M (M-mode)	<p><i>Enters/exits M-mode and adjusts overall M-mode gain</i></p> <p>Press to activate/deactivate. Roll the trackball to position the M-mode cursor. Rotate to adjust overall M-mode gain. Note: Available on live image only.</p>
Update/View	<p><i>Alternates between 2D/M-mode formats on the Touch Screen</i></p> <p>Press to move between modes. Note: Available on live image only.</p>
Color M-mode	<p><i>Enters/exits color M-mode</i></p> <p>With Color Doppler activated, press M (M-mode). Place cursor and Press M. Press M to exit. Note: Only available with cardiac transducers.</p>



M-mode Touch Screen

Touch Screen Controls	Function
Full M	<p><i>Changes the display format to full M-Mode</i> Press to activate / deactivate. Note: Available on live or frozen image.</p>
Sweep Speed*	<p><i>Adjusts the scrolling speed of the M-mode sweep</i> Increase to display less cardiac cycles. Decrease to display more cardiac cycles. Note: Available on live or frozen image.</p>
Edge*	<p><i>Sharpens the contours of a structure in the M-mode sweep</i> Increase for more sharpness. Decrease for less sharpness. To deactivate, select 0. Note: Available on live image only.</p>

*Configurable for the soft key rotary controls and/or touch screen user interface.

2D Mode and M-mode

M-mode Soft Keys

Soft Key Controls	Function
MultiHertz (frequency)	<p><i>Adjusts Frequency for 2D image and M-mode strip</i></p> <p>Rotate clockwise to increase resolution. Rotate counterclockwise to increase penetration. Note: Available on live image only.</p>
Maps	<p><i>Processing curves that assign echo amplitudes to gray shades in the M-mode sweep</i></p> <p>Map choice is displayed from low to high contrast. Note: Available on live or frozen image.</p>
Tint	<p><i>Colorizes the M-mode sweep</i></p> <p>Press and rotate for tints from 0–15. Note: Available on live or frozen image.</p>
DR (Dynamic Range)*	<p><i>Adjusts number of gray shades displayed in the M-mode sweep</i></p> <p>Rotate clockwise for a softer / grayer sweep. Rotate counterclockwise for increased contrast. Note: Available on live or frozen image.</p>

*Configurable for the touch screen controls and/or soft rotary keys.





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Color Doppler Control Panel

Control Panel Controls	Function
C (Color Doppler)	<p><i>Enters/exits color Doppler or adjusts overall color Doppler gain</i></p> <p>Press to activate / deactivate color Doppler mode. Rotate to increase / decrease color Doppler gain. Note: Available on live image only.</p>
Power (Power Doppler)	<p><i>Applies colors based on flow amplitude</i></p> <p>Select Power to activate / deactivate. Rotate to increase / decrease power Doppler gain. Note: Available on live image only.</p>
Color Box Size / Position	<p><i>Adjusts the color ROI</i></p> <p>Increase frame rate by decreasing the color ROI width or depth. Press Set to alternate between Size / Position. Roll the trackball to resize or reposition color ROI. Note: Available on live image only.</p>
Steer	<p><i>Steers the Color ROI</i></p> <p>Toggle the Steer key left / right to steer. Note: Steering Angle is transducer dependent. Available only on linear transducers.</p>





Color Doppler Touch Screen

Touch Screen Controls	Function
Flow*	<i>Flow state optimization presets</i> Choices are Low, Medium, High. Select desired preset to optimize flow state. Note: Available on live image only.
Invert	<i>Reverses the colors depicting forward and reverses flow in the color ROI and the color bar</i> Select to activate / deactivate. Note: Available on live or frozen image.
RS (Resolution / Speed)*	<i>Balances line density (spatial resolution) and frame rate</i> Increase for image detail. Decrease to increase frame rate. Note: Available on live image only.

*Configurable for the soft key rotary controls and/or touch screen user interface.

Color and Spectral Doppler

Color Doppler Touch Screen

Touch Screen Controls	Function
Smooth*	<i>Adjusts spatial averaging (smoothing) for color flow</i> Increase for flow sensitivity. Decrease for color spatial resolution. Note: Available on live image only.
Persistence*	<i>Adjusts the time that the color flow data remains in the ROI before being replaced by another color</i> Increase for greater vessel color fill. Decrease to increase temporal resolution. Note: Available on live image only.
Filter*	<i>Adjusts the color wall filter</i> Increase to reduce motion artifacts. Decrease to increase sensitivity to low flow states. Note: Available on live image only.





Priority*	<i>Prioritizes the display of grayscale or color flow data</i> Increase for greater vessel color fill. Decrease to prioritize grayscale and less vessel color fill. Note: Available on live image only.
Display	<i>Turns color display off image when in Color Doppler</i> Select to activate / deactivate. Note: Color ROI remains on image.

*Configurable for the soft key rotary controls and/or touch screen user interface.

Color and Spectral Doppler

Color Doppler Soft Keys

Soft Key Controls	Function
MultiHertz (frequency)	<p><i>Adjusts the color Doppler frequency independent of the 2D frequency</i> Rotate to increase / decrease. Note: Available on live image only.</p>
Maps	<p><i>Selects a processing curve that assigns the velocity / velocity variance (for Color) or flow amplitudes (for Power) to a range of colors</i> Maps choices are A–I. Note: Available on live or frozen image.</p>
P (Transmit Power)	<p><i>Acoustic energy delivered to the patient in color Doppler mode</i> Increase / decrease to adjust the transmit power. Note: Available on live image only. Changes Mechanical and Thermal Indices displayed.</p>





Scale	<i>Adjusts the pulse repetition frequency (PRF)</i> Increase / decrease to adjust the PRF. Note: Available on live image only.
Baseline	<i>Adjusts the range of flow velocities displayed above and below the baseline</i> Move up / down to adjust the baseline of the active mode. Note: Available on live image only.

Color and Spectral Doppler

Spectral Doppler Control Panel

Control Panel Controls	Function
D (pulsed wave) Doppler and CW (continuous wave) Doppler	<p><i>Enters/exits spectral Doppler or adjusts overall spectral Doppler gain</i></p> <p>Press to activate/deactivate. Roll trackball to position Doppler gate. Press D or CW to activate the strip. Rotate to adjust overall spectral Doppler gain. Note: Available on live image only.</p>
TGO (TGO Technology)	<p><i>One button optimization of spectral Doppler gain, baseline, and scale</i></p> <p>With Doppler spectrum active, press to activate. Press twice to exit TGO. Note: Available on live image only.</p>
Update/View	<p><i>Alternates between the Doppler spectrum and the 2D image</i></p> <p>Press to alternate between Doppler/2D. Note: Available on live image only.</p>





Steer	<i>Adjusts the PW Doppler angle</i> Toggle left / right to reverse the steering angle. Note: Available on live image only. Available only on linear transducers.
Angle	<i>Adjusts angle correction</i> Press to cycle through 60/0/60° angle selections. Rotate to adjust values in 1° increments. Note: Available on live or frozen image.

Color and Spectral Doppler

Spectral Doppler Touch Screen

Touch Screen Controls	Function
Triplex	<i>Enters/exits Duplex or Triplex mode</i> Select to activate / deactivate Duplex / Triplex. Note: Available on live image only.
Gate*	<i>Adjusts sample volume size</i> Increase / decrease to adjust size. Note: Available on live image only.
Invert	<i>Reverses the Doppler spectrum (negative values display above the baseline)</i> Select to activate / deactivate. Note: Available on live or frozen image.
Sweep*	<i>Adjusts the scrolling speed of the Doppler spectrum</i> Increase to display less cardiac cycles. Decrease to display more cardiac cycles. Note: Available on live or frozen image.





Mute	<i>Mutes the Doppler audio</i> Select to activate / deactivate. Note: Available on live image only.
Full D	<i>Displays Full Screen Doppler</i> Select to activate / deactivate. Note: Available on live or frozen image.
Filter*	<i>Adjusts the wall filter</i> Rotate to adjust rejection of low frequency signals. Note: Available on live image only.
Sensitivity*	<i>Adjusts the sensitivity of the Trace tool when in Auto Stats</i> Increase for higher sensitivity. Choices are 1–5. Note: Available on live image only.
Update Rate*	<i>Defines the interval for refreshing the 2D-mode image</i> Select Off, 1 sec, 2 sec, 4, sec, 8 sec or EOS (End Of Sweep). Note: Available on live image only.

*Configurable for the soft key rotary controls and/or touch screen user interface.

Color and Spectral Doppler

Spectral Doppler Touch Screen

Touch Screen Controls	Function
Auto Stats*	<p><i>Automatic trace and display of PW Doppler measurements</i></p> <p>Select to activate / deactivate.</p> <p>Select settings for data above, below or on both sides of the baseline.</p> <p>Note: Available on live or frozen image.</p>
DTI (DTI™ Doppler Tissue Imaging Capability)	<p><i>Activates the Doppler Tissue imaging feature for cardiac exams</i></p> <p>Press to activate / deactivate.</p> <p>Note: Available on live image only.</p>
T/F Res* (Time/Frequency resolution)	<p><i>Adjusts the balance between the temporal and frequency resolution of the Doppler spectrum</i></p> <p>Increase to increase temporal resolution.</p> <p>Decrease to increase frequency resolution.</p> <p>Note: Available on live image only.</p>

*Configurable for the soft key rotary controls and/or touch screen user interface.





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Soft Key Controls	Function
Baseline	<p><i>Adjusts the range of velocities displayed</i> Increase / decrease to adjust the baseline. Note: Available on live or frozen image.</p>
Scale	<p><i>Adjusts the pulse repetition frequency (PRF)</i> Increase / decrease to adjust the PRF. Note: Available on live image only.</p>
DR (Dynamic Range)*	<p><i>Adjusts number of gray shades displayed</i> Rotate clockwise for a softer / grayer spectrum. Rotate counterclockwise for a greater contrast spectrum. Note: Available on live or frozen image.</p>
MultiHertz (frequency)	<p><i>Adjusts spectral Doppler frequency independent of the 2D or color frequency</i> Increase / decrease to adjust. Note: Available on live image only.</p>





Map	<i>Selects a processing curve that assigns echo amplitudes to gray shades in the Doppler spectrum</i> Select desired Map from A–H. Note: Available on live or frozen image.
Tint	<i>Colorizes the Doppler spectrum</i> Select desired Tint from 0–11. Note: Available on live or frozen image.

*Configurable for the touch screen controls and/or soft rotary keys.

Measurements and Calculations

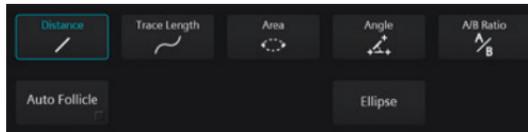
Unlabeled Measurements

Perform Measurement

1. Press



2. Select the desired measurement type and Press Caliper.



3. Roll the trackball to position the first caliper.

4. Press



to anchor

5. Roll the trackball to position the second caliper.

6. Press



to complete the measurement.



Unlabeled measurements do not enter into the exam report.



Measurements can be performed on frozen, CINE and stored images



Labeled Measurements

1. Press 
2. Roll the Trackball to select the desired Exam type and measurement label and press Set.



3. Roll the trackball to position the first caliper.
4. Press  to anchor
5. Roll the trackball to position the second caliper.
6. Press  to complete and send the labeled value(s) to the patient report.



The measurement label can be selected before or after calipers are placed.

Measurements and Calculations

Edit Measurements (Labeled and Unlabeled)

Edit Completed Measurement

1. Press  to activate calipers and cycle between active calipers.
2. Press  on the Touch Screen to cycle between calipers sets.
3. Press  on the Touch Screen or press the  key to remove active measurement.
Select
4. Push  on the Touch Screen to delete all measurements.
5. Rotate  or the Select key to edit a trace measurement.





Reposition Measurement Results

1. Press



2. Rotate **MDA Position** and **MDA Size** to cycle through the available size and positions.

Measurements and Calculations

Report

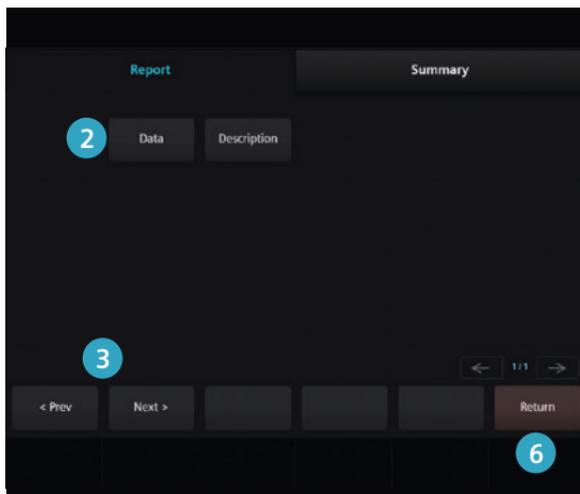
Review the Report

1. Press  or  on the Image screen to enter / exit report page.
2. Select a report heading for Data or Description.
3. Press **Next** to review additional measurements.
4. Select **Send Report** to send to connected external printer.
5. Press  to store report as a thumbnail.
6. Select **Return** to exit the Report.
7. To edit the report, roll the trackball to the desired measurement and edit.
8. Press **Summary** to generate a revised Summary.



Only labeled measurements appear on the report. An * appears for any edited measurement.





Touch Screen

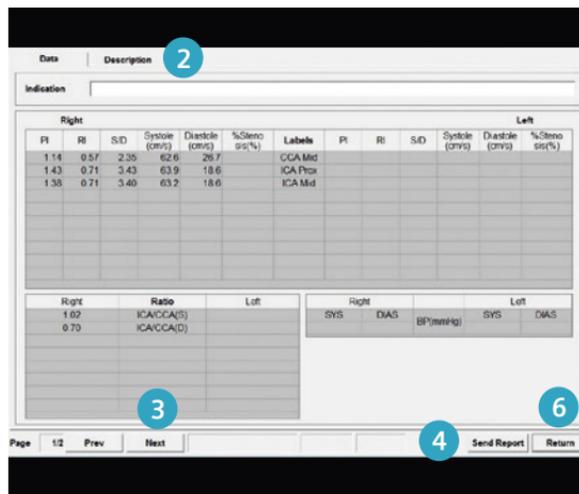


Image Screen

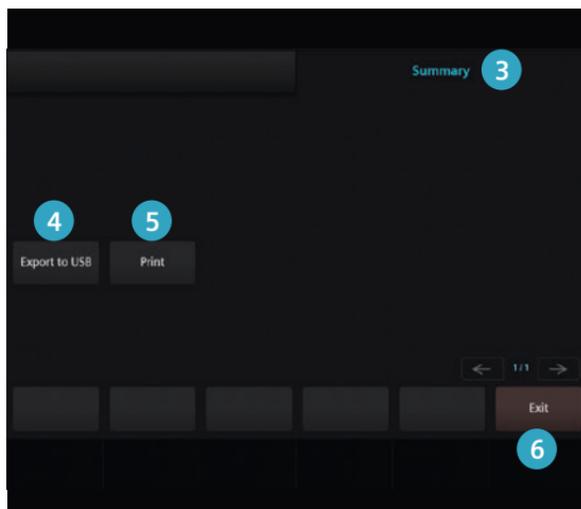
Measurements and Calculations

Summary

Review the Summary

1. Press  to activate the measurement package.
2. Press  to enter/exit report page.
3. Select  on the Touch or Imaging Screen.
4. Select  to send to USB as a pdf file.
5. Select  to print to a connected printer.
6. Select  to exit the Report.





Touch Screen

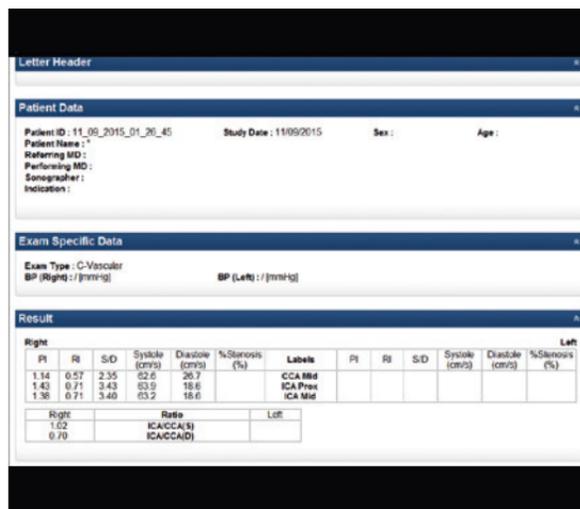


Image Screen

Measurements and Calculations

Summary

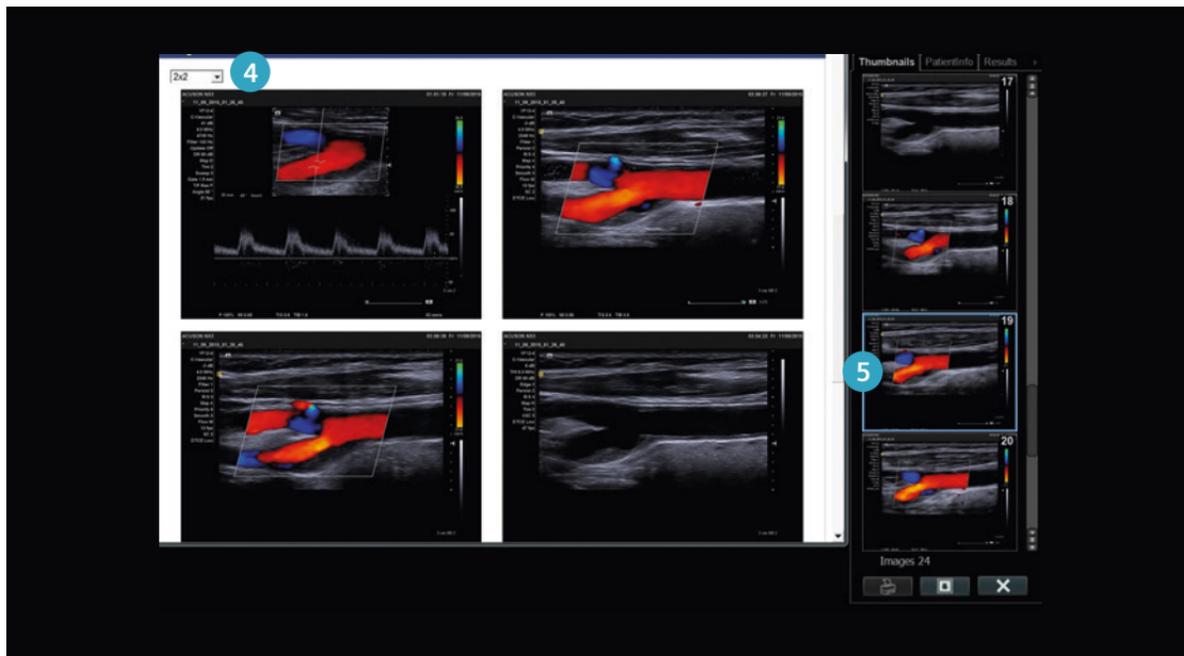
Import Images into the Summary

1. Press  to activate the measurement package.
2. Press  to enter/exit report page.
3. Select  on the Touch or Imaging Screen.
4. Select the Display format from the Summary Page.
5. Roll the trackball to the thumbnail image and press the  key to highlight.
6. Roll the trackball to the desired image location in the Image section and press the  Key to drop the image in report.
7. To Delete the image, move the cursor over the image and press .



Up to 20 images can be stored to the Summary.





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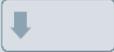
Text, Arrows and Pictograms

Text Icons

Control	Function
	Activates /deactivates text cursor and text Touch Screen menu.
	Sets default position for text cursor.
	Positions the cursor at the home location.
	Temporarily hides text.
	Deletes all text, pictograms or arrows.
	Deletes one line of text at the cursor.





	Deletes the last word.
	Inserts or overwrites text when text cursor is active.
	Displays the next or previous page, when available.
	Caps Lock

Text, Arrows and Pictograms

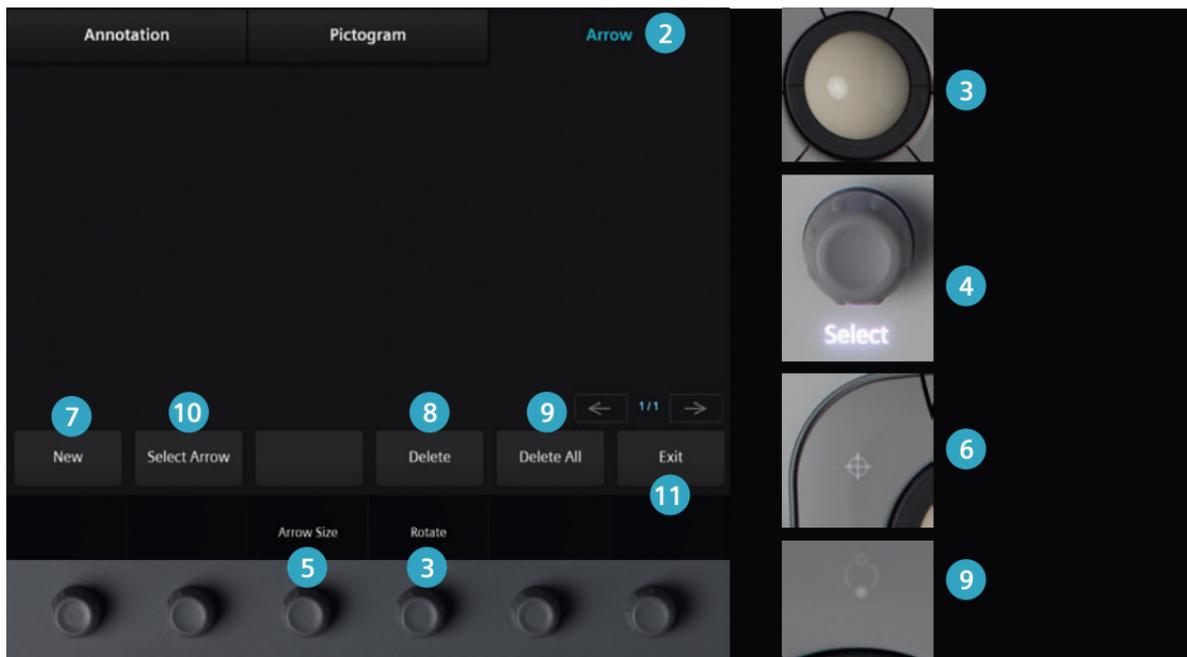
Arrows

1. Press the **Arrow** or **Text** key on the keyboard.
2. Select the **Arrow** tab on the Touch Screen.
3. Roll the trackball to position.
4. Turn **Rotate** or turn **Select** to change arrow direction.
5. Rotate **Arrow Size** to adjust arrow size.
6. Press **Set** to anchor.
7. Press **New or Select** to add another arrow.
8. Press **Delete** to delete the last arrow.
9. Press **Delete All** to delete all arrows
10. Press **Select Arrow** or **Update** to cycle through multiple arrows.
11. Press **Exit** to exit Arrow function.



Unlimited arrows can be added.





Text, Arrows and Pictograms

Pictograms

1. Select  from the keyboard.
2. Select the desired pictogram from the Touch Screen. 
3. Roll the trackball to position the transducer icon.
4. Press  on the Touch Screen or rotate the  key to rotate the transducer icon.
5. Press  to anchor.
6. Press  on the Touch Screen or  on the keyboard to delete the Pictogram.

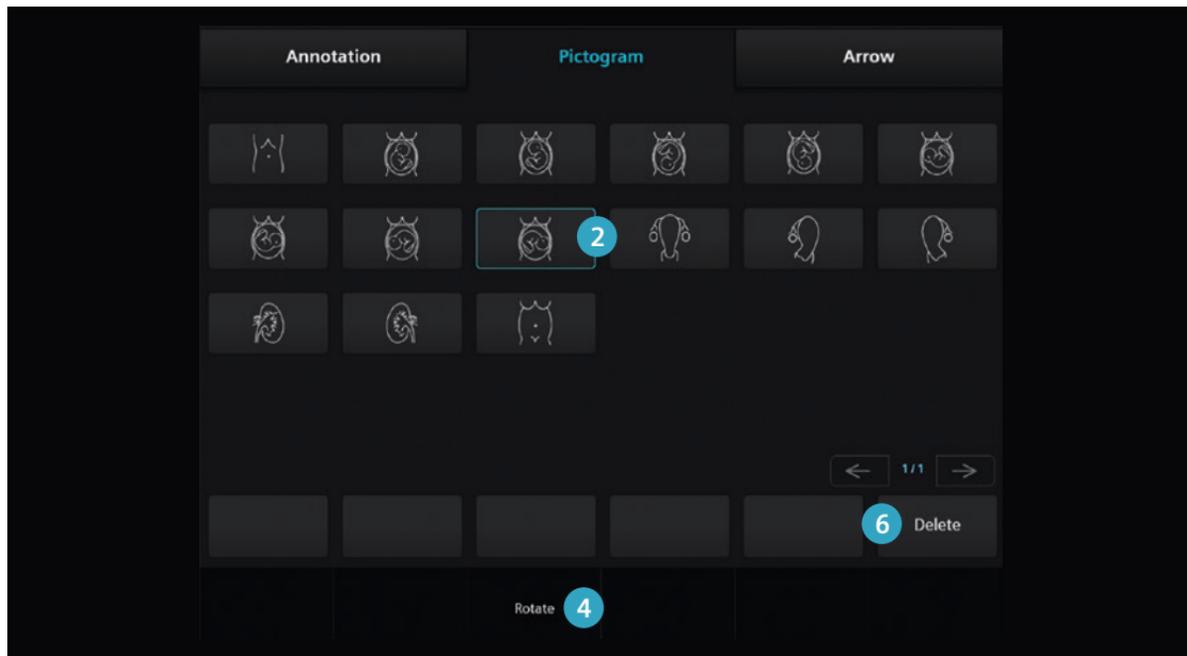


Pictograms are customized in the Presets Menu by selecting Presets / Pictogram List.



Pressing Clear Screen also deletes any text or measurements on the image.





Data and Image Management

Review Images

Review Images on Current Study

1. Press  and press  and double-click a thumbnail.
2. Select  or press  to change the display format.
3. Rotate the  key to view more images.
4. Press  or  to exit.

Review Images from a Closed Study

1. Select .
2. Select a patient and press the  key twice to open.
3. Select  or press  to change the display format.
4. Rotate the  key  to view more images.
5. Press  or  to exit.



Delete Images

Delete Images from a Current Study or in Review

1. Press  to activate cursor.
2. Select an image on the thumbnail panel to highlight.
3. Select  located below thumbnail panel and answer prompt "Yes" to Delete.
4. Or, press  Review
5. Press  to activate cursor.
6. Highlight an image from the Imaging Screen
7. Press  on the Touch Screen or  from the imaging screen.
8. Answer the prompt "Yes" to Delete.

Restart an Exam

1. Select 
2. Select exam from **Local Disk**.
3. Select  located below the list of exams on the right to restart exam.
4. Patient data screen will populate, press **OK** to open study.



Images, clips and volumes can be added to a closed study within 24 hours.

Data and Image Management

Teaching File

1. Select .
2. Select the exam from **Local Disk**.
3. Roll the trackball, highlight an image or clip and press the  key. Repeat for all desired images.
4. Press  on the Touch Screen.
5. Under Add Teaching File, name the file and press Close.
6. The teaching file is displayed in the Patient Browser.
7. To add images from multiple studies, follow steps 1–4, then select the desired teaching file.
8. Press  to add the additional images.



Images and Clips stored in teaching file removes all patient data.





Export Studies

Export Study to DICOM Network

1. Select the patient name in the **Patient Browser**.
2. Under Network, select the desired **Destination**.
3. Select **Send**.

 Images automatically send to PACs if the system is configured to send during the exam or at the end of the exam.

Export Study to CD-R/DVD in DICOM

1. Insert CD-R/DVD.
2. Select the patient name in the **Patient Browser**.
3. Select **Local Disk** from the Drop Down under Export/Import.
4. Select **CD/DVD** and select DICOM as the export format and select **Export**.

 Hold CTRL to select more than one patient name. A showcase DICOM viewer will be burned onto the CD-R or DVD with the patient data if selected in the Presets Menu (Presets/Archive/CD/DVD).

Data and Image Management

Import/Export Studies

Export Study to USB in PC Format (TIFF or AVI)

1. Insert USB.
2. Select the patient name in the **Patient Browser**.
3. Select **USB** and the **Tiff/AVI** export format.
4. Select **Export**.

Import Study from CD-R/DVD to Local Database

1. Insert CD-R/DVD.
2. Select **CD/DVD** from Export/Import in the **Patient Browser**.
3. Select patient name on the CD/DVD.
4. Select **Import**.





Import Study from USB to Local Database

1. Insert USB.
2. Select **USB** from Export/Import in the **Patient Browser**.
3. Select patient name on the USB.
4. Select **Import**.



The products/features mentioned in this document may not be commercially available in all countries. Due to regulatory reasons their future availability cannot be guaranteed. Please contact your local Siemens organization for further details.

Images used in this guide are for educational purposes only. They have been modified or compressed and may not reflect the actual image quality of the system.

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