1. Start a new patient. Under cardiac workflow, select your customized exercise or dobutamine protocol. Click OK to begin imaging.

![Cardiac workflow](image1)

2. Connect your treadmill ECG slave cable and change Physio F13 to AUX if applicable.

![Physio F13](image2)

3. Orientation note* Right sided interface is for acquiring images, Left sided interface is for selecting and shuffling images.

4. When you are ready to begin the stress protocol, click on resume protocol in the upper right corner task pane. (A fixed region of interest will appear.)

![Resume protocol](image3)

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ACUSON SC2000™ volume imaging ultrasound system - [USA Siemens Healthcare website](http://www.usa.siemens.com/healthcare)
5. A green arrow will appear next to the active stage and active view name.

6. Press clip store to begin acquisition of the configured number of clips.
7. Images will automatically appear for selection. To select, single click on the desired view; a blue square will frame the image of the selected view. To unselect simply single click on the image again. To recapture, single click on the view name on the right sided interface. (Note: New images will replace previously acquired images!)

8. After all views have been acquired and selected for a given stage; you may single click on stress review to see the selected images.

9. To start the next stage, single click on the right side of the screen on the next stage. If applicable a timer will start.
10. Press clip store to begin your continuous acquisition and acquire all of your post images. Press clip store again to stop/pause acquisition.

11. Use the scroll wheel at home base to advance through all of the images. A green arrow will appear next to the active image. (Note: Baseline parameters are applied uniquely for each view.)

12. Press clip store again to stop/pause acquisition.
13. A progress bar will appear on the right side task pane of the show available capture space.

![Progress Bar Image]

14. When you are finished capturing, press select to disengage ROI.

![ROI Selection Image]

15. Select End Capture on the right hand task pane to be put into review/selection mode.

![End Capture Image]
16. Select view name from the menu to review images captured.

17. Point and left click to select image, right click on this image to label it with the appropriate view name. (Multiple post images can be selected per view if desired.)

18. On the left task panel, click each View name to automatically move to the first post images captured of each view.

- Use the Page control to move through the remaining images of each view. Using the Select key, choose the images to be saved.

- A checkmark will appear beside the view name once the image(s) have been selected.

View names can be changed by pressing the Next key (right click) for a menu of view names

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19. Select all post images then Stress Review
   Viewing options include:
   
   1. Hide/show overlays.
   2. Viewing layouts.
      - 1only, 1X1, 2X2, 4X2, 4X3
   3. Sort
      - Sort by stage
      - Sort by view
   4. Playback Mode.
      - Full R-R
      - Systole only
      - Diastole only
   5. Brightness and contrast.

20. The left hand menu will allow you to view images by view or stage and also let you change playback mode. If multiple images were selected per view, click on the dog ear in the upper right corner of the images to cycle through selections.
21. Press the check mark on left hand side to close exam.

22. Helpful Hints:

- At anytime during the stress exam, you can pause the protocol by selecting Pause Protocol on the right hand task pane.
- To make a measurement, point and left click on the image you wish to measure. Pause playback then press the Measure Key on the keyboard.
- Two timers are available and can be displayed in review. The first timer starts as soon as Accept Stage is pressed. The other timer is activated manually and is located in the lower left hand portion of the screen.
- Do not use scroll wheel to change pages. Use menu knob or page up/down keys on keyboard.