# Before Patient Arrives

## Setting up the camera

1. Set up the tripod at a reasonable height to image the patient. Make sure that the bubble on the level is in the center.
2. Set camera up on tripod by attaching it to the base plate using the screw to secure it so it does not move.
3. Turn on laptop
4. Plug one end of the USB into the laptop and the other end into the camera
5. Open the **IR Flash** software on the laptop

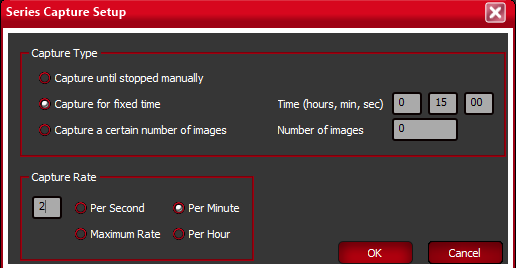
\*You should be able to see a live image showing up

1. Make sure the image is **Gray Scale**
2. **Unselect the AGC box**
3. Adjust the **Min** and **Max** values based on the histogram to have the best contrast

\*Generally, min around 23 and max around 38

1. Set **Averaging** to **30**

## E:\Protocol Screenshots\image series.pngSetting up Image Series Capture

1. Select Video 🡪 Capture Image Settings
2. Set Capture Type to “Capture for fixed time”
3. Set Time to 0 hours 15 minutes 0 seconds
4. Change Capture Rate to 2 Per Minute
5. Select OK

## Chair Setup and Focusing

1. Set up chair and arm supports. Have the two arm supports be at the same height.
2. Have someone sit in the chair for the initial setup.

\*This will need to be adjusted when the patient arrives

1. Point the camera directly at the chair and adjust the focus on the camera

\* Careful not to unscrew or touch the lens

\* Have the patient hold an object like a watch or headphones to better focus

\* If necessary use the sliding part of the platform to help focus

1. Turn the camera to point at one of the side mirrors. Mark the position that you turn the camera so it is easy to return to later

\* Do not turn the plate because it will likely come off the tripod. Instead turn the actual

1. Position the side mirror on the pole of the arm support so as much of the side of the breast is visible as possible. Once the mirror is in place, use the red knob on the flex bars to lock them in place.
2. If necessary, adjust the focus so the breast on the mirror is in focus

\* Make sure to focus on the mirror and not the patient

\* If the focus needed to be adjusted make note of where the lens is in focus for each patient.

1. Do the same for the other side mirror

# After Patient Arrives

1. Welcome the patient and thank her for her time.
2. Explain the procedure including key points:

\* Imaging will take 15 minutes after she undresses

\* She needs to stay as still as possible for the entire time

## Adjust Chair Setup

1. With her clothes on, adjust the height of the arm rests to make the patient comfortable.
2. Also adjust the height and position of the camera to get as much of her chest as possible

Image Ruler

* Save ruler image

Image Right and Left (Initial)

* Save right and left then delete them

Image Front

* Use save all

Image Right and Left (Final)