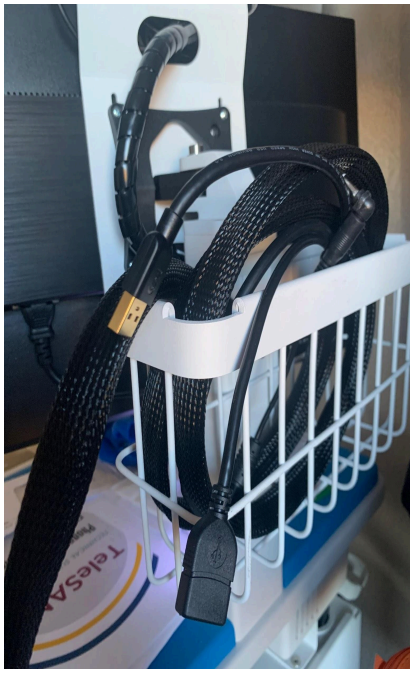
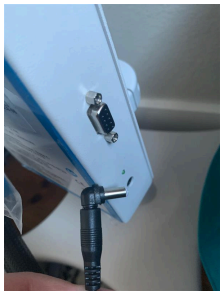
Connecting the Lutech SD 300 Camera

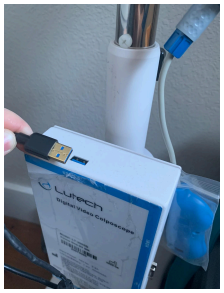
MiColab Phone Number in case you are disconnected 501-686-8500



1. To connect the telecart to the camera and foot pedal, use the bundled cords (located in the basket at the back of the telecart) . The bundle is already connected to the telecart. Connect the three cords to the following devices . **Do not follow the next steps to turn on the camera until it is time to take images in the video session.**

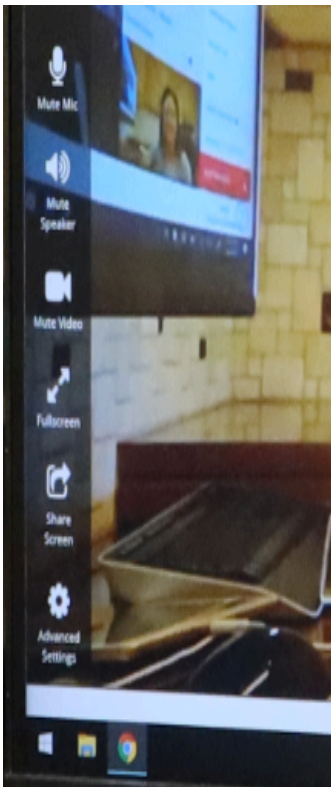






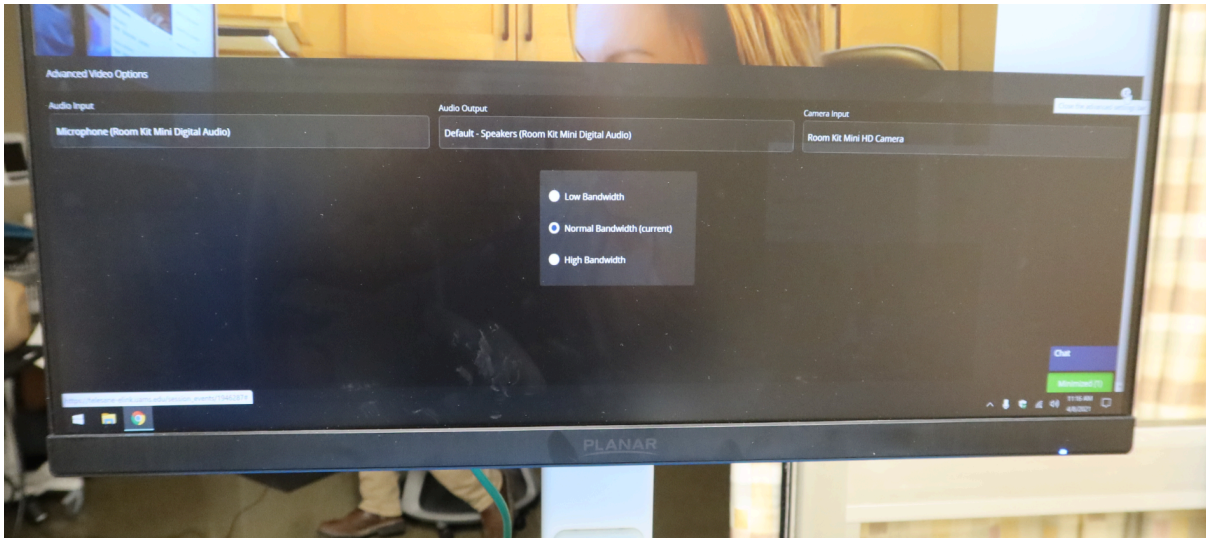
2. Turn on the camera using the blue “Power” button located above the camera’s screen. To switch your camera view to the camera, follow the next few steps.





3 .Look for the **"Advanced Settings"** on the bottom left of the telecart screen. Open the advanced settings and under camera input located on the right side of the screen, select Lutech. **Verify that the microphone audio is set to " Room Kit Mini Audio".** Your monitor display will change to the Lutech cameras point-of-view. You will no longer be able to view yourself on the telecart monitor, only the image from the Lutech camera.

It is pertinent to check the audio selection settings each time you change the camera input. When you connect the Lutech and select the Lutech camera as the camera input, the system will try to switch the audio as well. The camera does not have an audio input therefore, you may need to switch the audio to "Room Kit Mini Audio". Once you have switched to the Lutech camera or back to the Telecart camera verify that the hub consultant can see and hear you.



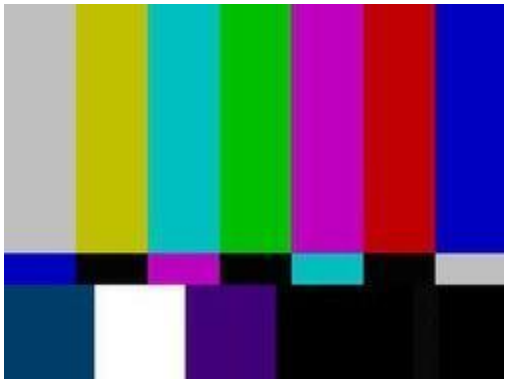
4. The foot pedal integrates with the camera and the software.



- The foot pedal has three options available. The left pedal freezes an image. The center pedal attaches the image to the patient file. The right pedal discards the image.
- When capturing an image, position the lutech camera, hold the camera steady, and press the left pedal. The image will then freeze on the telecart. The Hub Consultant will assist you in determining if the image contains all of the appropriate criteria. If it is determined the image has met the criteria you will press the center pedal to attach the image to the patient file. If the image does not meet the criteria you will select the right pedal to discard the image.
- When the photography portion of the medical forensic exam is complete you will go back to the “Advanced Settings” and change the camera input to “ Room Kit Mini HD Camera”. Verify that the microphone audio is set to “ Room Kit Mini Audio”.

Photography Tips

1. If you see a color block on the camera screen then the Lutech has not been powered on or the power cable from the telecart to the camera has not been connected.



2. Try not to angle the camera (when it can be avoided), instead use the pole to adjust the height.
3. Distance: A 12 inch distance from the focal point allows for the best images.
    a. 2 inches from the edge of the speculum.
    b. 4 inches from the vaginal canal.
4. The "Info" button on the camera displays the magnification the camera is currently set on.
5. The built-in light source is adjustable.
6. Utilizing the auto focus features is the best way to deal with glare or non-focusing images.
    a. When utilizing a speculum the auto focus feature will focus on the speculum. To stabilize the auto focus use the magnification plus option on the remote to zoom in past the speculum to an internal focus. This will also help with reflective light from the built-in light source and metal speculums.
7. For best images, utilize the foot pedal to freeze images and not the remote. Removing your hands from the camera and the remote will allow the best stability for the camera, which aids in clear images.