

MACHINE TROUBLESHOOTING

1. Always plug machine directly into wall when going to make an exposure. Extension cords and surge protectors don't allow enough voltage for the x-rays to penetrate and make an acceptable image.
2. When calibrating machine, the factors given for set up have to be perfect. Factors: 40" SID, level tube head, cassette flat, collimation shutters wide open, no lead markers, and nothing in the path of the x-ray beam.
3. When receiving new machines there are a couple of things that have to be changed before sending machine out to tech.
 - a. Change image storage to LOSSLESS- Do this by going into System- Setup Menu- Admin Setup- JPEG for external storage- Choose Lossless- Apply.
 - b. Make sure Study List is set to MULTI- Do this by going into System- Setup Menu- Customize Display- Select Study List- Multi
 - c. Make sure Free Annotation is enabled- Do this by going into System- Setup Menu- System Setup- Annotation- Free Annotation- Enable- OK- Apply
4. There are two beeps on the machine when you turn it on. The first beep you hear is the machine powering up. The second beep is the computer powering up. If you have any problems with the machine, if you listen to the beeps you will be able to tell if it is the actual machine or the computer.
5. Any information on the machine that has already been saved or the tech has already ended study and needs to be changed will have to be changed, resaved, and resent.
6. Process to correct an image:
 - a. SYSTEM- STUDY LIST- Patient's Name
 - b. CALL IMAGES- PATIENT Box
 - c. Touch in ID box and correct number
 - d. After correcting the number press CHANGE-OK
 - e. RESEND ALL- LOCAL STORAGE
 - f. After this press OK-END STUDY
 - g. This should take you back into the STUDY LIST
 - h. Delete the old study with the wrong number
 - i. Highlight the study with the correct number and RESEND to EXT STORAGE
 - j. Wait for the image to resend and thumb drive to stop flashing and then remove from machine.
6. The Cannon CXDI-1 System Digital Radiography Setup Guide and Operational Manual can also be used for any questions or troubleshooting. The Source Ray representative, Tony D. Martini, can also be of help if you still can figure something out about the machine. His number is 1-631-244-8200.