MRAD 240 – Specialized Imaging 1

Walk Through OR with Mobile

A "Walk Through" of performing a Cross-table L-Spine with the Mobile in the OR using a CR cassette

Step1: *Preparation PRIOR to entering the OR theatre/suite*

a) Understand the OR procedure itself and what x-rays will be required.
b) Be very familiar with the mobile's features and components.
c) Inspect mobile, perform medical asepsis (proper attire) ensure additional equipment is available such as lead shielding, markers etc.
d) Select the correct patient and exam from the worksheet. Confirm the correct patient is receiving the correct exam. Double check order/requisition.
e) Prepare CR cassette. Inspect, clean and decide on size.
f) Set exposure factors or preprogramed body part

Step2: *Upon ENTERING the OR theater/suite and DURING the OR procedure*

1) When driving the mobile in the OR suite, observe where cables (items on the ground) and lights (items above the head) are located. What's sterile and what's not.
2) Locate patients' chart and other documentation. Confirm patients' ID and order AGAIN.
3) Confirm the location of the sterile corridor and observe the room layout.
4) Analysis where the mobile will most likely be located for the exposure. The sterile corridor and sterile fields MUST be preserved at all times.
5) Follow the nurses' and surgeons' directions/lead and position the mobile in the appropriate location

6) Ensure the principles of ALARA are applied to the OR staff. Example- will the staff stand behind the lead screen or are they wearing lead gowns?
7) Double check your pre-set exposure factors/technical components.
8) With assistance from the OR staff and while applying sterile practices, assemble, drape, and position the CR for the exposure. Communication is essential during this part of the procedure so sterile integrity is maintained. Be honest. If you accidently break sterility or observe someone else has, "Speak up" It's often not easy to do the right thing.
9) Place CR accordingly to include required anatomy while demonstrating ALARA. Think filed size, SID etc.
10) Take exposure after announcing "X-ray"
11) Watch ventilator. Exposure taken during the correct phase of respiration
12) Calmly and efficiently, disassemble all equipment. Move out of the way.
13) Put through CR reader. Evaluate the image. Show surgeon.
14) Once image approved by surgeon, confirm no other images are required.
15) Leave the OR suite with mobile quietly and if possible when the door is opened for other purposes. Some surgeries require minimum door opening due to higher infection rates.