UNIVERSITY *of* ROCHESTER
MEDICAL CENTER

Scanning Expectations

The use of POCUS (Point of Care Ultrasound) is to help make and/or support clinical decisions. Ultrasound images are only two-dimensional which is why recording a video/cine clip in both planes is required. Obtaining orthogonal views ensures the scanner has documented enough information to support their findings and interpretation.

Image Requirements

- When scanning a structure or region, at least two 6-second video clips need to be taken, one in each plane. This ensures the entire area is imaged, helps delineate borders, demonstrate its relation to surrounding structures/anatomy, and allows for better comparison on follow up imaging (both US and other modalities).
- Images need to be labeled or clearly described with corresponding image numbers in the notes portion of the worksheet. Many applications have an easy labeling feature accessed by the "actions" button on the lower right of your screen.
- Measurements are to be done on frozen/still images. If documenting a measurement on the worksheet, then the measurement must be on your saved image.
- Set an appropriate depth. Having too much depth below your area of interest makes it difficult to vis the area in question. The "extra" information on the image that the probe is trying to process slows down the frame rate which then decreases the overall image quality.
- Set an appropriate gain. If the gain (brightness) is too high, it creates unwanted echoes on the image known as "noise". If the gain is too low, it will remove echoes from the image and decrease image resolution.

Worksheets

- Need to be filled out for every exam. QA will not be done on exams without worksheets.

Drafts vs Final Studies

- Need to be finalized within 24hrs of obtaining images.
- Only exams that have been saved and finalized will be evaluated for QA.
- Exams in a drafted state will not be looked at unless the scanner has asked a question in the comments section for the QA reader and needs an answer before finalizing their report.