MMC ED Ultrasound Residency Training Criteria

The Minimum Criteria

Revised 2014

When recording or saving an image the patient name, MRN and the sonographer name must be saved. If a finding is positive a still image can suffice. Video clips of negative scans are more complete but if a still image captures all the required minimal criteria elements it will be considered.

**To get credit for the study, the images must be saved.

Stills vs Video:

Fanning completely through the target area or organ is recommended. Still images can be used for documentation as long as the structure or area is shown in 2 orthogonal planes. An exception is the cardiac scan in which video clips are required.

Abdominal

- RUQ view – Morison’s pouch, inferior renal pole, diaphragm.
- LUQ view – splenorenal space, caudal spleen tip, diaphragm
- Pelvis – Sagittal bladder view. Fan through sag bladder left to right.
  - Note that a sagittal bladder view alone suffices as long as the sonographer fans through the entire organ.

Aorta

- Transverse:
  - video clip sweeping through aorta (SMA —> aortic bifurcation —> iliacs) with one measurement of largest diameter
  - or 4 transverse still views of proximal, mid, distal, and bifurcation with measurement of largest diameter
- Longitudinal view of proximal aorta (this can be a video clip or still image)

Cardiac

At least 2 of the following 4 views (these must be saved as video clips):

- subxiphoid
- parasternal long
- parasternal short
• apical four (to make a comment on RV size this view is required)

**OB/GYN (transabdominal or transvaginal)**

Uterus – must show endometrial stripe and posterior cul de sac. Must show gestational sac, yolk sac, fetal pole if present. If FHR is measured, use m-mode.

**Chest**

Anterior (midclavicular) and lateral (midaxillary) views bilaterally (4 zones minimum). If stills are saved for pneumothorax they must be m-mode.

**Biliary**

Video clip sweeping through entire organ. Must have measurement of the anterior wall.

**Renal**

Video clip sweeping through entire organ. Must include a view of the bladder as well.

**DVT**

Two Zones (proximal and popliteal).

  • The proximal zone must include either stills or videos of compression from the saphenofemoral junction through the bifurcation of the common femoral vein to superficial and deep.

  • The popliteal zone must include the popliteal vein through its trifurcation.

**Soft Tissue**

Orthogonal stills or video showing area of interest. If an abscess is being demonstrated either compression to show “pusistalsis” or color flow to show absence of vascular flow are recommended.

**Ocular**

Orthogonal stills or video showing area of interest.