

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.
 - o Note that a sagittal bladder view alone suffices as long as the sonographer fans through the entire organ.

Aorta

- Transverse:
 - o video clip sweeping through aorta (SMA —> aortic bifurcation —> iliacs) with *one* measurement of largest diameter
 - o **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.