Case Author: Neil Wallace, MD

Grading Criteria

Patient Centered Care
1) Introduce yourself to the patient and wear gloves.
2) Inform the patient of cold gel before application.
3) Warn the patient of pressure when applying the probe for cardiac ultrasound.

Image Acquisition - [image modality / procedure]
4) Probe selection - Curvilinear probe
5) Scanning Technique - Transverse (short axis), indicator towards patient's right.
6) Depth - Edge of the vertebral column is visible in the posterior image
7) Gain - Appropriate to visualize aorta
8) Quality - Shows aorta, vertebral column, and IVC

Image Interpretation - [image modality / procedure]
9) Anatomy - Appropriately identifies Aorta
10) Anatomy - Appropriately identifies IVC
11) Anatomy - Appropriately identifies vertebral column
12) Anatomy - Appropriately measures from outer wall to outer wall on still image
13) Advanced Anatomy - Appropriately identifies shadowing from bowel gas
14) Advanced Anatomy - Appropriately identifies soft tissue / abdominal wall musculature
15) Application - Appropriately identifies abdominal aortic aneurysm
16) Application - Appropriately suggests immediate surgical consultation.