

Grading Criteria

Patient Centered Care

- 1) Introduce yourself to the patient and wear gloves.
- 2) Inform the patient of cold gel before application.

Image Acquisition

- 3) Probe selection - Linear probe.
- 4) Depth - depth visualized the full depth of dermis, epidermis, subcutaneous tissue, and muscular layer(s) with a maximum of 1cm wasted depth posterior to surface of bone or >5cm whichever is larger.
- 5) Gain - appropriate set gain or appropriate for visible anatomy (muscle is hypoechoic, fascia should be hyperechoic).
- 6) Quality - basic anatomy (subcutaneous tissue, fascial planes, muscle planes) should be identifiable

Image Interpretation

- 7) Anatomy - Appropriately identifies skin / subcutaneous tissue.
- 8) Anatomy - Appropriately identifies fascial planes.
- 9) Anatomy - Appropriately identifies muscle layer(s)
- 10) Application - Appropriately identifies posterior dirty shadowing indicating gas / emphysema.
- 11) Application - Appropriately identifies Subcutaneous thickening.
- 12) Application - Appropriately identifies fluid within fascial planes.
- 13) Application – Appropriately identifies the constellation of symptoms to be necrotizing fasciitis
- 14) Application - Appropriately administers broad spectrum antibiotics.
- 15) Application - Appropriately suggests urgent surgical consultation for debridement.