

Case Author: Neil Wallace, MD

Ultrasound Candidate Task Sheet

Case Parameters

This is a 5 minute ultrasound case. You will acquire 1 ultrasound image and interpret 2 ultrasound images. Please know that the examiner may interrupt you to move through the case in a timely manner.

Expectations for Standardized Patient Interactions

Upon entering the room, the examiner will introduce the patient. You should interact with the standardized patient as you would any patient in a clinical situation, but please:

- Wear gloves.
- Ask the patient to expose parts of their body as needed.
- Do not wipe the gel off the patient; they will remove gel themselves.
- Ask the patient to reposition themselves to facilitate image acquisition as needed.
- Adjust the bed as needed or ask the examiner.
- Do not acquire any further history in your assessment of this patient.

Expectations for Examiner Interactions

- You must verbalize your thoughts while you are performing ultrasounds.
- Once you obtain a representative image, ask the examiner to “freeze” the screen.

Expectations for Ultrasound Machine Manipulation

- You will manipulate the ultrasound probe; the examiner will operate the machine
- Ask the examiner to adjust machine settings (depth, gain, or other modes) or transducer probe selection (linear, curvilinear, or phased array) as necessary.
- Notify your examiner if you would like to make any measurements.

Patient Information

43 year old male with no past medical history presenting with left thigh swelling and pain.

Physical Exam Findings

Vital signs: T 36.8C, HR 66, BP 126/70, RR 16, O2 saturation: 98% on room air.

Physical Exam: left lateral thigh with a 4cmx3cm area of erythema and mild induration, without crepitus or lymphangitic streaking.

Task Statement

Your tasks are as follows:

Obtain an image of the soft tissues of the left lateral thigh

Interpret an image of the soft tissue of the left lateral thigh