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## Ultrasound Candidate Task Sheet

### Case Parameters

This is a 10 minute ultrasound case. You will acquire 2 ultrasound images, and interpret 1 ultrasound video. 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

A 38-year-old female without past medical or surgical history presenting with colicky right-upper quadrant pain for the past 2 months. Symptoms are exacerbated by eating and typically arise shortly after a fatty meal.

#### Physical Exam Findings

Vital signs: T 37.0 °C, HR 72, BP 132/78, RR 12, O2 saturation: 99% on room air, BMI: 33.

Physical Exam: Mild right-upper quadrant tenderness without rebound or guarding. Negative Murphy's sign.

### Task Statement

Your tasks are as follows:

1. Obtain and interpret an image of the gallbladder in long axis.



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2. Measure the gallbladder wall thickness.
3. Interpret an image of a right upper quadrant ultrasound image provided to you.