



MSSBU OSCE PRACTICE

CASE 3_02_04

Station Vignette

You are a third-year medical student at the ED.

The registrar has asked you to perform an exam for Andrew Thomas, a 52-year-old male who has presented with jaundice.

Vital signs:

- HR: 90 beats per minute, regular
- RR: 18
- BP: 135/85
- Temperature: 36.8
- O₂: 97%

TASK

You have a total of **7 minutes** to perform the relevant examination.

At the end of the allotted time, you will have **1 minute** to answer the examiner's questions.

You do **NOT** need to complete a history.

PATIENT INSTRUCTIONS

Presenting Complaint: Jaundice

Positive Findings: (Examiner to present)

- Jaundiced
- Palmer erythema present
- Asterixis present
- Yellow sclera present
- Multiple spider naevi visible on chest
- Distended abdomen
- Mild abdominal tenderness in all quadrants. No rebound tenderness or guarding.
- Shifting dullness present
- Mild pitting oedema to ankles

EXAMINER QUESTIONS

1. Provide **two (2)** differential diagnoses based on the findings of your history.
2. List **three (3)** appropriate investigations.

MARKING CRITERIA – Case 3_02_04

Item	Criteria	Mark
Introduction	<input type="checkbox"/> Washes hands <input type="checkbox"/> Introduces themselves to the patient including name and role <input type="checkbox"/> Confirms the patient's name and date of birth <input type="checkbox"/> Briefly explains what the examination will involve <input type="checkbox"/> Gains consent to proceed with the examination <input type="checkbox"/> Adequately exposes the patient	/6
General inspection	<input type="checkbox"/> Inspects for clinical signs such as confusion, pain, noticeable scars, abdominal distension, pallor, jaundice, hyperpigmentation, oedema, cachexia, hernias <input type="checkbox"/> Looks for stoma bag(s), surgical drains, feeding tubes, catheters	/2
Hands	<input type="checkbox"/> Inspects the palms for pallor, palmar erythema and Dupuytren's contracture <input type="checkbox"/> Inspects for nail signs including koilonychia and leukonychia <input type="checkbox"/> Assesses for finger clubbing <input type="checkbox"/> Assesses for asterixis <input type="checkbox"/> Assesses and compares the temperature of the hands <input type="checkbox"/> Palpates and assesses the radial pulse	/6
Arms	<input type="checkbox"/> Inspects the patient's arms for bruising, excoriations and needle track marks	/1
Face	<input type="checkbox"/> Inspects the eyes for conjunctival pallor, jaundice, xanthelasma, Kayser-Fleischer rings <input type="checkbox"/> Inspects the mouth for angular stomatitis, glossitis, oral candidiasis <input type="checkbox"/> Inspects the chest for spider naevi, gynaecomastia and hair loss	/3
Abdomen	<input type="checkbox"/> Position the patient lying flat on the bed <input type="checkbox"/> Inspect the patient's abdomen for scars, Cullen's sign, Grey-Turner's sign, striae, abdominal distension, hernias, stomas <input type="checkbox"/> Checks if the patient has any abdominal pain before palpating <input type="checkbox"/> Performs light and deep palpation of the abdomen across all nine regions <input type="checkbox"/> Palpates the liver <input type="checkbox"/> Performs Murphy's sign <input type="checkbox"/> Palpates the spleen <input type="checkbox"/> Palpates the aorta <input type="checkbox"/> Abdominal percussion of liver and performs Castells point <input type="checkbox"/> Performs splenic percussion <input type="checkbox"/> Assesses shifting dullness <input type="checkbox"/> Auscultates for bowel sounds <input type="checkbox"/> Auscultates for aortic and renal for bruits	/12
Legs	<input type="checkbox"/> Assesses for pedal oedema <input type="checkbox"/> Inspects for bruising, excoriations and rashes	/2
Questions	<input type="checkbox"/> Differentials – 2 of: Hepatitis, Cirrhosis, Choledocholithiasis, Acute Liver Failure <input type="checkbox"/> Investigations – 3 of: <ul style="list-style-type: none"> • Bloods: FBC, U&Es, LFTs, CRP, Coagulation Profile • Imaging: Abdo CT 	/5
Global score	Overall impression of candidate based on warmth, clarity and competence: 1 = fail 2 = borderline 3 = pass/expected 4 = good 5 = excellent	/5
	Total	/44

