



MSSBU OSCE PRACTICE CASE 3_02_03

Station Vignette

You are a third-year medical student at the ED

The registrar has asked you to take a history from Blake Harris, a 64-year-old male who has presented with chest pain.

TASK

You have a total of **7 minutes** to take a full history.

This includes:

- History of presenting complaint
- Constitutional history
- Past medical history
- Medications history
- Social history
- Family history
- Focussed systems review

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 physical examination.

PATIENT INSTRUCTIONS

Presenting Complaint: Chest Pain

Hx of Presenting Complaint:

- Chest pain started 1.5 hrs ago and feels like tightness across the chest.
- It radiates to the left shoulder and jaw.
- Nothing has made it better, even after taking 4 Panadol tablets. But nothing makes it worse.
- The pain is 6/10 and has been constant since its onset.
- You noticed some shortness of breath roughly 3 hrs ago before going to work.

Associated Symptoms:

- You have felt nauseous since the pain came on but nil vomits
- You've been feeling weak but not light-headed.
- You noticed some shortness of breath roughly 3 hrs ago before going to work.
- You also noticed some sweating when the pain came on.
- No reflux, confusion
- No cough
- No leg swelling or erythema

Constitutional Symptoms:

- Weight: No changes but overweight
- Nil fever, chills or night sweats
- Diet: likes eating takeaway
- Appetite: decreased today
- Sleep: no change (6hrs a day)

Past Medical and Surgical Hx:

- **Medical Conditions:**
 - Type 2 diabetes – controlled and monitored for last 3 years
 - Hypertension (last 6 years)
 - Hypercholesterolaemia
- **Surgeries:** Nil
- **Medications:**
 - Perindopril
 - Atorvastatin
 - Metformin
 - Multi-vitamin
- **Allergies:** Nil food or drug

Social Hx:

- Lives with wife

- Works as a bricklayer
- Smoker – 1 packet per day
- Alcohol: 2 beers every day
- Recreational drugs: none
- Exercise: no time for exercise

Family Hx:

- Father and Grandfather had heart attacks
- No other relevant family history

EXAMINER QUESTIONS

1. Provide **two (2)** differential diagnoses based on the findings of your history.
2. List **three (3)** changes that may be present on ECG.

MARKING CRITERIA – Case 3_02_03

Item	Criteria	Mark
Introduction	<input type="checkbox"/> Hand hygiene <input type="checkbox"/> Appropriate introduction <input type="checkbox"/> Explains personal role and gains consent	/ 2
Presenting complaint	<input type="checkbox"/> Leads with open question <input type="checkbox"/> Follows with another open question	/ 2
History of presenting complaint	<input type="checkbox"/> Site of pain <input type="checkbox"/> Radiation of pain <input type="checkbox"/> Onset of pain <input type="checkbox"/> Time course of pain <input type="checkbox"/> Character of pain <input type="checkbox"/> Relieving and exacerbating factors <input type="checkbox"/> Severity of pain <input type="checkbox"/> Associated sx (nausea, vomiting, sweating, SOB, headache, light-headedness, weakness)	/8
Constitutional history	<input type="checkbox"/> 0.5 points for each of the following: diet, appetite, weight loss, sleep, energy, exercise <input type="checkbox"/> 0.5 points for each of the following systemic symptoms: fevers, chills, night sweats, rash <input type="checkbox"/> Travel <input type="checkbox"/> Recent trauma <input type="checkbox"/> Recent illness	/5
Past medical history	<input type="checkbox"/> Past medical/surgical history <input type="checkbox"/> Screen for relevant conditions/risk factors	/2
Medications history	<input type="checkbox"/> Asks over the counter, prescription, and herbal remedies <input type="checkbox"/> Allergies <input type="checkbox"/> Immunisations	/4
Social history	<input type="checkbox"/> Occupation <input type="checkbox"/> Living situation <input type="checkbox"/> Asks all of smoking, alcohol and recreational drugs	/3
Family history	<input type="checkbox"/> Asks relevant family history	/1
Systems review	<input type="checkbox"/> CVS: palpitations, pre-syncope and syncope, leg swelling <input type="checkbox"/> Resp: SOB, cough, calf pain <input type="checkbox"/> GIT: nausea, vomiting, abdominal pain <input type="checkbox"/> Neuro: confusion, headache, dizziness	/4
Questions	<input type="checkbox"/> Differentials – 2 of: MI, GORD, Choledocholithiasis, Aortic Dissection, MI, Pulmonary Embolism <input type="checkbox"/> ECG changes – Rhythm and/or rate, ST elevation, T-wave inversion	/5
Communication skills	<input type="checkbox"/> Appropriate questioning style <input type="checkbox"/> Actively listens to patient <input type="checkbox"/> Systematic approach to history taking <input type="checkbox"/> Appropriate conclusion and summary	/4
Global score	Overall impression of candidate based on warmth, clarity and competence: 1 = fail 2 = borderline 3 = pass/expected 4 = good	/5

	5 = excellent	
	Total	/45