



## Year 4 Formative OSCE (September) 2018

# Reading for Station 3

## Candidate Instructions

### Clinical Scenario

You are an ED intern at the Gold Coast University Hospital.

Alex Jones, 20-years-old, was brought into the hospital by ambulance. Alex presents with knee pain following an injury playing soccer a few hours ago. Alex has already been sent for an X-ray.

The registrar has asked you to examine Alex.

### Task

In the first six (6) minutes:

- Perform an appropriate **physical examination** of Alex and explain what you are doing to the registrar as you go.

In the last two (2) minutes, you will be given Alex's X-ray and will be prompted to:

- Interpret the radiograph
- Provide a provisional diagnosis to the registrar
- Provide a management plan to the registrar

You do **not** need to take a history.

The examiner will assume the role of the registrar.

## Simulated Patient Information

The candidate has the following scenario and task

### Clinical Scenario

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### Instructions for simulated patient

You are a 20 year old patient, Alex Jones, who has presented with **left knee pain** following an injury playing soccer earlier today. Your DOB is 30 December 1997. You were brought in by ambulance an hour ago. In the room, you will sit on the edge of the bed. Be cordial to the medical student with simple yes or no answers as this is not a history taking station.

If the student asks you to walk, proceed to hobbling/limping for a short distance before returning to the bed due to pain (walk as if you cannot weight bear on your **left** knee). If the student asks what it feels like, say that your knee hurts and feels like buckling when you place weight on it.

If the student asks about pain during palpation and movement of your **left** knee, state that it is painful.

## Examiner Instructions

- Please verify that you are examining the correct student by checking the name on the student's ID card against the name on the score sheet, as the student enters the room.

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- Provide a provisional diagnosis to the registrar
- Provide a management plan to the registrar

You do **not** need to take a history.

The examiner will assume the role of the registrar.

- For the first 6 minutes of the station, please do not speak to the candidate, after you have checked ID. Please do not provide prompts on the station content.
- Stay out of the line of sight between the candidate and the patient. Do not provide any positive or negative feedback to the candidate.
- Please record your observations on the scoresheet **as you go**, as discussed in the briefing.
- If the student attempts to perform a hip or ankle examination, or asks the patient to remove their shorts, tell them that this is not needed for the examination.
- **At 6 minutes** please interrupt the candidate and state:
  - "After examining Alex, you appreciated a positive anterior drawer test with no end point and significant swelling of the LEFT knee.
  - Here is her X-ray [give student X-ray image].
  - Please interpret the X-ray, provide a provisional diagnosis and provide a management plan for Alex."
- You have 2 minutes between candidates to finalise your scoring and 'reset' the station.

#### Props and Sundries

- Simulated patient
- 1 chair (examiner)
- Hand wash

**Authors** – Marie Nguyen, Rhys Harris and Kingsley Smith

**OSCE Score Sheet**

**Station 3 – Knee Examination (ACL tear)**

**ID Check**

(please tick)

Student Name/Number.....

Examiners Name: .....

SP: .....

No.	Assessment Item (details)	PLEASE MAKE ONE TICK IN EVERY ROW									
1	<b>Infection Control</b> appropriately washes hands before, appropriately washes hands after	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>							
		0	1	2							
2	<b>Consent</b> explains, seeks, obtains	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>						
		0	1	2	3						
3	<b>Inspection/Look (maximum 6 marks)</b> asymmetry, swelling, erythema, bruising, wasting, positioning, gait, other reasonable	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
		0	1	2	3	4	5	6			
4	<b>Palpation/Feel</b> knee joint line, MCL, LCL, femoral condyles, patella, patella ligament, popliteal fossa, temperature, patella tap test, bulge sign, checks for pain, crepitations, clicks	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
		0	1	2	3	4	5	6			
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
		7	8	9	10	11	12	13			
5	<b>Movement (active and passive movement required to receive the mark) – maximum 13 marks</b> flexion, extension, internal rotation, external rotation posterior sag test, posterior draw test, anterior draw test, Lachman’s test	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
		0	1	2	3	4	5	6			
		<input type="checkbox"/>	<input type="checkbox"/>								
		7	8								
6	<b>Other Tests</b> varus stress, valgus stress, patella apprehension, Thessaly test, McMurray’s test, Apley’s grind test, muscle strength, test neurological sensation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
		0	1	2	3	4	5	6			
		<input type="checkbox"/>	<input type="checkbox"/>								
		7	8								
7	<b>Other Tests</b> muscle strength, test neurological sensation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>							
		0	1	2							
8	<b>X-ray interpretation</b> checks admin details, checks joint effusion, identifies Segond fracture (lateral tibial plateau avulsion), femur intact, fibular intact, tibio-femoral alignment, intercondylar eminence intact, patellar tendon intact, no patellar fracture	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
		0	1	2	3	4	5	6			
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>							
		7	8	9							
9	<b>Provisional Diagnoses</b> ACL tear	<input type="checkbox"/>	<input type="checkbox"/>								
		0	1								
10	<b>Management Plan</b> Pain relief, MRI, RICE (rest, ice, compression and elevation), referral to orthopaedic surgeon	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					
		0	1	2	3	4					
11	<b>CLARITY</b> (organisation, appropriate confidence)										
		1	2	3	4	5	6	7			
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
		Confused, disorganised, unclear		Below expected		Above expected		Outstanding			
12	<b>WARMTH</b> (engagement, compassion, care for patient)										
		1	2	3	4	5	6	7			
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
		Cold, uncaring, brusque		Below expected		Above expected		Outstanding			

Comments:

Alex Jones

DOB: 30/12/1997

(Radiograph 1 of 3)



Alex Jones

DOB: 30/12/1997

(Radiograph 2 of 3)



Alex Jones

DOB: 30/12/1997

(Radiograph 3 of 3)

