

OSCE

Candidate information

Your RMO has been seeing patients in fast track, and has two similar patients to discuss with you.

The first patient is young Jesse, a 4 year old boy with a limp.

The second patient is Ronald, a 48 year old man with a limp.

Domain	%
Medical expertise	60
Prioritisation and decision making	20
Communication	
Teamwork and collaboration	
Leadership and management	
Health advocacy	
Scholarship and teaching	20
Professionalism	

Limping child

Actor (RMO) information

You are seeing the fast track patients today and have seen Jesse (4 years old) and Ronald (48 years old), both with a limp.

You are more concerned with Jesse, as he looks unwell. He is febrile at 39.4 C, and is holding his right leg flexed with slight abduction and external rotation. He has limited active and passive movement in his right hip, which is red, hot, and tender.

You want your consultant to guide you on management of Jesse.

Ronald is less concerning, as he has a hot, swollen knee but is systemically well. You would like to know how to do a knee aspirate, and have taken a photo of the joint to show your consultant (prop).

Prompts:

- What is the differential diagnosis for a limping child?
- What tests should I order?
- What organisms may be responsible?
 - o Paediatric – Staph aureus, Enterobacter, Streptococcus
 - o Adult – Staph aureus, Streptococcus, Neisseria, Pseudomonas (puncture wounds)
- How should I do a knee aspirate on Ronald?

Marking:

	Mark
Differential diagnosis for limping child (must include septic joint and two others)	2
Appropriate management of septic joint – antibiotics, Ortho, etc	2
States differences in causative organisms by age (ideally with examples)	1
Orders appropriate tests for Jesse – ultrasound, Xray, bloods, aspirate	1
Explains need for ultrasound guided aspiration of hip in Jesse	1
Discusses contraindications of joint aspiration	1
Recognises risk of doing knee aspirate in possible joint replacement (Ronald)	1
Approach to RMO – offers to review pts etc	1

Jesse – posture in bed



Ronald – photo of swollen knee (left)

