

OSCE

Candidate information

Your intern has been seeing a 28 year old male, usually fit and well. The patient presented with swelling after undergoing a dental extraction the day before, and the intern is worried the patient has developed an abscess. The patient feels generally sore and is not swallowing his secretions due to pain.

The intern has moved the patient back to the waiting room and come to you to discuss whether dental services are available at the hospital. They have taken a picture of the patient on their iPhone.

Domain	%
Medical expertise	50
Prioritisation and decision making	20
Communication	
Teamwork and collaboration	
Leadership and management	
Health advocacy	
Scholarship and teaching	30
Professionalism	

Ludwig's Angina

Actor (intern) information

You have been seeing a 28 year old male, usually fit and well. The patient presented with swelling after undergoing a dental extraction the day before, and you are worried the patient has developed an abscess. The patient feels generally sore and is not swallowing his secretions due to pain.

You have taken a picture of the patient on your iPhone and put the patient back in the waiting room (the department is bed blocked). You want to discuss management of dental infections with your consultant.

Prompts:

- How should I treat this infection?
- Do I need to consider other diagnoses?

Marking:

- Identifies Ludwig's angina
- Safety: moves patient into Resusc, early ENT involvement
- Antibiotics: ben pen 1.2g, metronidazole 500mg. Cephazolin 1g if penicillin allergic
- Dexamethasone: postulated that this may improve penetration of antibiotics
- Sit upright, neb adrenaline may help as temporising measure
- May need awake fiberoptic intubation
- CT neck if stable
- ENT/ICU/Maxfax

	Mark
Identifies picture as concerning for Ludwig's angina	2
Moves patient to resusc for safety	2
Appropriate antibiotic choice	1
Dexamethasone	1
Appropriate referrals – ENT, anaesthetic, ICU, MaxFax	2
Appropriate investigations – CT neck if stable	1
Sits upright, neb adrenaline prn	1

