

Cabrini Practice OSCE 1:

Candidate Instructions:

You are the consultant in charge and are asked by a resident to review a lower leg and ankle x-ray.

The resident tells you that he is treating a 50 year old man who injured his ankle playing touch AFL. He jumped to catch the ball and landed awkwardly on his left ankle then another player landed on his leg.

He is unable to weight bear following the injury.

The resident has organized x-rays - see films.

Your Tasks:

1. Interpret and explain the x-rays to your resident
2. Explain the management plan

Domains Examined:

Medical Expertise

Investigation Interpretation 40%

Management 30%

Teaching and Scholarship 30%

Role Player Instructions:

You are a keen but inexperienced junior resident who is presenting x-rays of a 50 year old man's left ankle injury to your consultant.

The man injured his ankle playing touch AFL. He jumped to catch the ball and landed awkwardly on his left ankle then another player landed on his leg.

He is unable to weight bear following the injury.

You are to ask the consultant to ***interpret and explain the films*** then ask:

After the X-ray interpretation is complete: ***"Do we need to do any other investigations?"***

If the candidate has not asked for the additional 2 X-rays you should provide them to the candidate at 4 mins ***"Here are some additional X-rays that were taken"***

At 5mins move the candidate onto Management - ***"How should we manage him?"***





Further X-rays:





Examiner Marking Sheet

COMPONENT ASSESSMENT

For each Domain below, select the ONE best option that best represents the candidate's level of performance. The option "**minimum level of competency displayed**" represents

the level of safe independent practice as a junior **FACEM** in Australasia

Please rate ALL the following domains:

	Very poor level of competence displayed	Well below minimum level of competence displayed	Below minimum level of competence displayed	Minimum level of competence displayed	Above minimum level of competence displayed	High level of competence displayed	Very high level of competence displayed
Medical Expertise- Investigation	☐	☐	☐	☐	☐	☐	☐
Medical Expertise- Management	☐	☐	☐	☐	☐	☐	☐
Scholarship & Teaching	☐	☐	☐	☐	☐	☐	☐

[Detailed assessment criteria](#)

Please use the following criteria to inform your ratings above (mandatory items in ***bold italics***)

Medical Expertise

- Xrays interpretation
 - Identifies **talar shift** and **posterior maleolar fracture**
 - Requests **entire tibia/fibula** to be imaged
 - Identifies **spiral proximal fibular fracture** (Maisonneuve fracture) – potential for common peroneal nerve injury
- Management
 - Supportive – RICE, **backslab + U slab**, analgesia, admission, monitor for compartment syndrome, may decide to administer procedural sedation to reduce talar shift
 - Specific - Identifies unstable ankle injury requiring **ORIF** – diastasis screw and plate and screws to posterior malleolus to achieve ankle stability

Scholarship & Teaching

- ***Assess resident's level of knowledge***
- Clearly explains and educates resident on Xray findings and implications for this patient
- Explains **mechanism of injury** and anatomical structures affected by the forces to the leg- ie fracture through posterior malleolus then up interosseous membrane and through proximal fibula shaft
- ***Checks that resident understands*** explanations and asked if there are any questions
- Follow up session

Station Summary: Interpretation of Xrays of Maisonneuve fracture and management

INFORMATION

EXAMINER NOTES (For examiner reference only)

OSCE 'incident reporting' notes: Please provide details if an issue occurs which may influence the candidate's

exam outcome e.g. protocol breach, candidate illness, etc.

GLOBAL RATING FOR STANDARD SETTING:

This scale is used in the standard setting process for the OSCE. Please rate the candidate's OVERALL performance in this OSCE. The rating should take into account the entirety of the OSCE, rather than just a sum average of the individual domain scores. This element MUST be completed for the standard of the examination to be set.

	Well Below Standard	Below Standard	Just at Standard	Above Standard	Well Above Standard
In terms of a safely practicing junior emergency physician , select the ONE option that best reflects the candidate's performance in this station:	☐	☐	☐	☐	☐

EXAMINER SIGNATURE: