

OSCE

Candidate information

You have been asked to demonstrate the assessment of paediatric elbow fractures to the JMOs in their regular teaching session. An RMO has brought in an Xray of a child with an elbow fracture they recently admitted as a direct transfer to Orthopaedics.

Please use the Xray to explain the classification of paediatric elbow fractures, and demonstrate how to assess for complications of elbow fractures in paediatrics.

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

Gartland elbow ax teaching

Actor (JMO) information

Your consultant has been asked to teach you about paediatric elbow fractures. You have an Xray of a child directly admitted under Ortho for an elbow fracture.

Your consultant is to explain the classification of elbow fractures in paediatrics.

They are also to demonstrate how to assess a child with an elbow fracture, focusing on the major complications associated with them.

Management discussion is not required.

Marking:

- Explains how to assess nerve palsies associated with elbow fractures:
 - *Median nerve palsy- reduced sensation over the palm, reduced thumb opposition and wrist palmar flexion*
 - *Radial nerve – reduced sensation thumb, reduced wrist dorsiflexion*
 - *Ulnar nerve – abduct fingers against resistance, test FCU, finger abduction/adduction*
- Explains Gartland classification system for elbow fractures
- Excellent candidates will explain the need for broader assessment, given risk of other traumas associated with – neck etc.

	Mark
Explains nerve palsies associated with elbow #s accurately	2
Clearly explains Gartland classification system	2
Explains need for broader trauma assessment in patients as indicated	1
Accurately interprets Xray as Gartland 3	1
Teaching manner – organised, structured	2
Answers questions appropriately	1
Offers further teaching as needed	1



A



B