

Elbow injury



An eight year old child attends A&E having fallen off a trampoline onto her left arm. The elbow is swollen and she does not want to move it. The arm is neurovascularly intact.

Give two radiographic features that suggest a fracture on this X-ray, and explain them (4 marks)

Fat pad sign

Displaced anterior humeral line: should pass through middle third of capitellum

Name the ossification centres of the elbow in the order they appear, and at what age (6 marks)

<i>Capitellum</i>	<i>1</i>
<i>Radial head</i>	<i>5</i>
<i>Internal (medial) epicondyle</i>	<i>7</i>
<i>Trochlear</i>	<i>10</i>
<i>Olecranon</i>	<i>10</i>
<i>Lateral epicondyle</i>	<i>11</i>