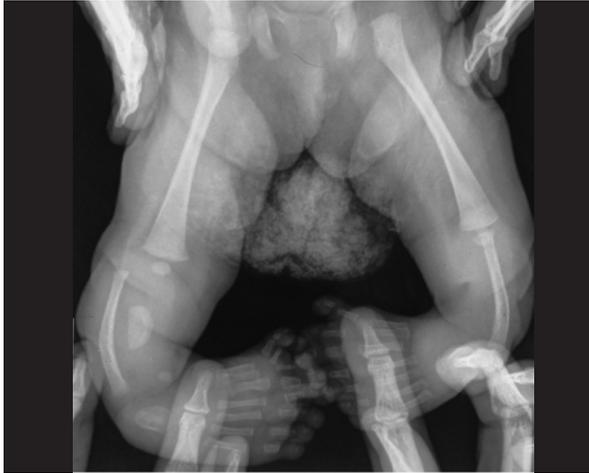


ORTHOPAEDIC CLINICAL QUIZ

The following questions are based on the photographs and images provided. Answers and further information are available in this issue.

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Question 1

This plain radiograph belongs to an infant who presented with bilateral lower limb deformities.

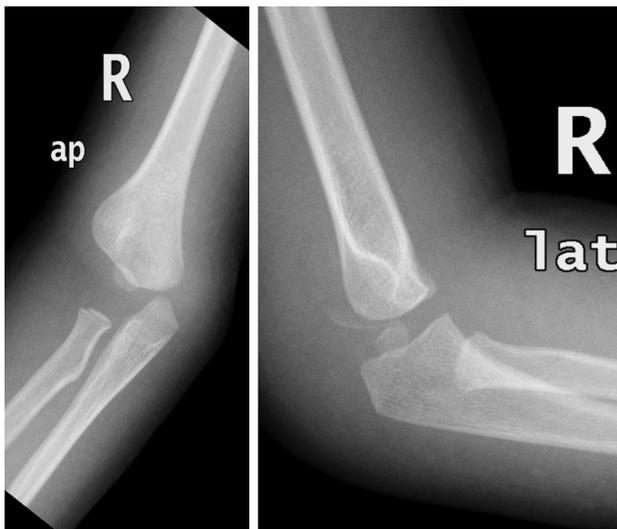
- Identify the abnormalities seen.
- What is the diagnosis?
- Why does flexion contracture of the knee occur with these deformities?



Question 2

This 2-year-old boy fell on the outstretched hand while running. He presented with a painful left elbow. Plain radiographs of the affected elbow were normal.

- What is the likely diagnosis?
- What is the pathology of this condition?
- How would you treat this child?



Question 3

These antero-posterior and lateral radiographs of the right elbow belong to a 2 year-old boy who sustained an injury to his elbow.

- What is the diagnosis?
- How would you treat the child?
- What complication would you expect if this injury is left untreated?



Question 4

This 10 year-old boy presented with progressively deforming left elbow following trauma 2 years ago.

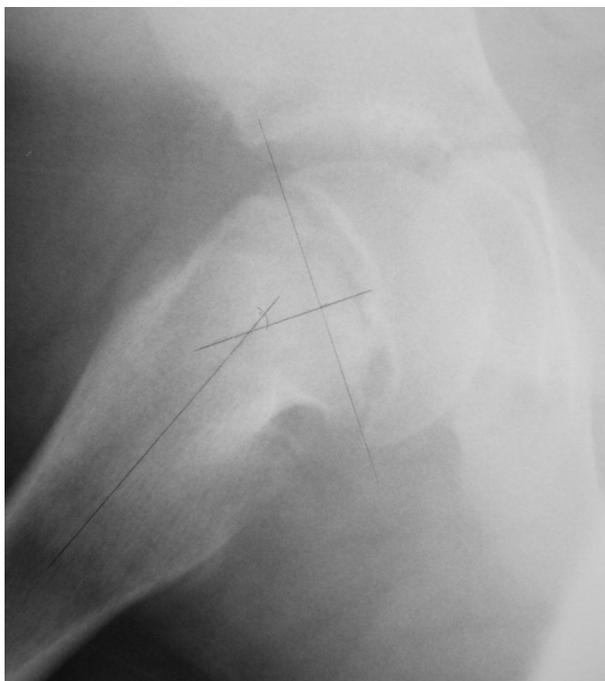
- Name the elbow deformity and identify another deformity in the left upper limb.
- State two possible causes for the elbow deformity.
- What is the complete diagnosis?



Question 5

This radiograph of the left elbow belongs to the patient in question 4.

- What is your diagnosis?
- What is the cause of this complication?
- What are the treatment options?



Question 6

This frog-leg lateral radiograph of the left hip belongs to a 12 year-old boy who presented with a 3-week history of left knee pain.

- What is your provisional diagnosis?
- What is your radiological diagnosis?
- How do you explain his symptom of knee pain?
- How would you treat this child?
- What complication of treatment of this lesion is commonly seen in the early adulthood period?