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Radiology Quiz

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QUESTION 1

A 1-year-old child presented with recurrent episodes of limb pain and swelling associated with intermittent low-grade fever for several months. There was no history of trauma, and inflammatory markers were mildly elevated. A previous radiograph of the humerus showed a similar lesion which has since healed



- What is the most likely diagnosis based on the radiographic findings and clinical history?
- Which part of the long bone is most commonly affected in this condition?
- Which imaging modality is most sensitive for detecting early or additional lesions?
- Name one important differential diagnosis in a child with similar radiographic findings.

ANSWERS 1

- Chronic Recurrent Multifocal Osteomyelitis (CRMO).
- Metaphysis of long bones.
- MRI.
- Caffey's disease/Ewing sarcoma / Langerhans cell histiocytosis / acute osteomyelitis



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