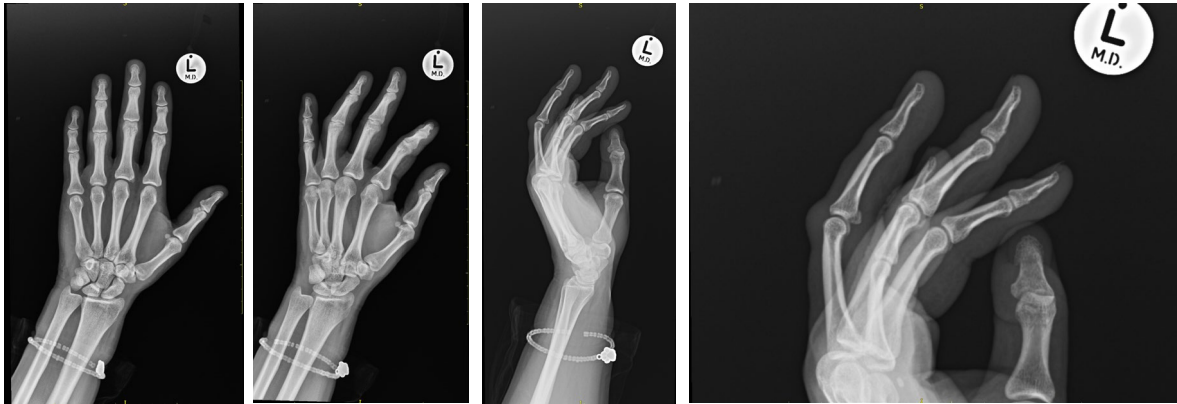


Trauma: Case 4

Prompt

May you please find something abnormal from the images?



GPT-4V

You've provided X-ray images of a hand. How can I assist you with them?

Prompt

Analyze them please.

GPT-4V

From the provided X-ray images:

- Both images depict the hand, showing phalanges (finger bones), metacarpals (bones of the hand), and the carpal bones (wrist bones).
- In the images, there appear to be some type of fixative hardware (like pins or screws) placed in the region of the wrist, specifically in the area of the radius, one of the two main bones of the forearm. This suggests a previous surgical intervention, possibly due to a fracture or another orthopedic issue.
- The bone density appears to be consistent throughout, without evident lytic (dark) or sclerotic (bright) lesions that might indicate certain pathologies.
- No evident dislocations or misalignments of the joints are visible in the provided images.

Reference answer

Modality: X-ray

Diagnosis: Volar plate avulsion injury

Description:

- There is a volar plate avulsion injury of the volar aspect of the middle phalanx of the ring finger. There is no associated dislocation or subluxation of the PIP articulation. There is well-identified soft tissue swelling.