

Clinical-Medical Image

## Radiology's Role in Diagnosing and Treating Dislocated Elbow Injuries

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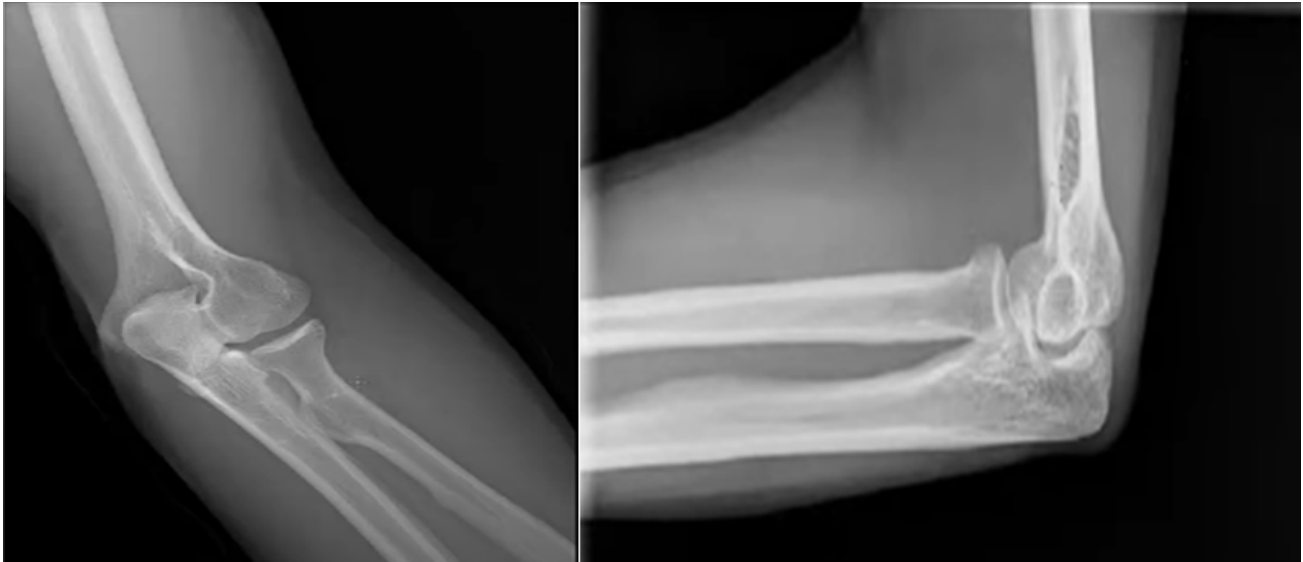


Figure 1: Injured elbow radiology view.

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A dislocated elbow occurs when the bones that make up the elbow joint are forced out of their normal position. Radiology is a medical specialty that uses imaging techniques such as X-rays, CT scans and MRI to diagnose and treat medical conditions. In the case of a dislocated elbow, radiology plays an important role in confirming the diagnosis and determining the severity of the injury. X-rays are typically the first imaging test performed to assess the extent of the dislocation and to rule out any associated fractures. On an X-ray, a dislocated elbow may appear as a gap between the bones that make up the joint or a visible displacement of the bones. CT scans and MRI may also be used to obtain more detailed images of the elbow joint and surrounding structures, which can be useful in planning for surgical intervention if necessary. It's important to seek medical attention promptly if you suspect that you have dislocated your elbow. Treatment may involve resetting the joint and immobilizing the arm in a cast or brace to allow for healing. In some cases, surgery may be necessary to repair any damaged structures or to realign the joint [1,2].

**Keywords:** Nerve reconstruction; Radiology; Brachial plexus injury; Elbow injuries

### Acknowledgement

None.

### Conflict of Interest

The authors declare no conflict of interest.

### References

- [1] Leechavengvongs S, Witoonchart K, Uerpairojkit C, Thuvasethakul P and Malungpaishrope K. (2006). Combined nerve transfers for C5 and C6 brachial plexus avulsion injury. *Hand Surg* 31: 183-189.

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- [2] Bertelli JA and Ghizoni MF. (2004). Reconstruction of C5 and C6 brachial plexus avulsion injury by multiple nerve transfers: Spinal accessory to suprascapular, ulnar fascicles to biceps branch and triceps long or lateral head branch to axillary nerve. *Hand Surg* 29: 131-139.