

Anteromedial Facet Coronoid Fractures

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Mayo(1) Type 2—Anteromedial facet fracture fractures

Anatomy

Subtypes

	Relationship to insertion of anterior band of MCL	Tip fracture
1	Above	No
2	Above	Yes
3	Below	Yes

Injury Characteristics(2)

LCL injury, or

Olecranon fracture, or

Second larger coronoid fracture

Complications of

Undertreatment

Stiffness/pain

Instability

Arthrosis

Treatment

Ulnar neuropathy

Errant hardware

Tips for avoiding complications

3D CT to be sure there is no subluxation if treating nonoperatively.

Operative treatment

Leave ulnar nerve in situ, or

Suture skin to fascia to retract ulnar nerve anteriorly if transposed (avoid prolonged traction on the nerve through a tape).

Use suture grasping capsule for small fragments

References

1. O'Driscoll SW, Jupiter JB, Cohen M, Ring D, McKee MD. Difficult Elbow Fractures: Pearls and Pitfalls. Instructional Course Lectures 2003;52:113-134.
2. Doornberg JN, Ring D. Coronoid fracture patterns. J Hand Surg [Am] 2006;31(1):45-52.