

MSK anatomy of the Upper Extremity

What do you need to know as medical student?

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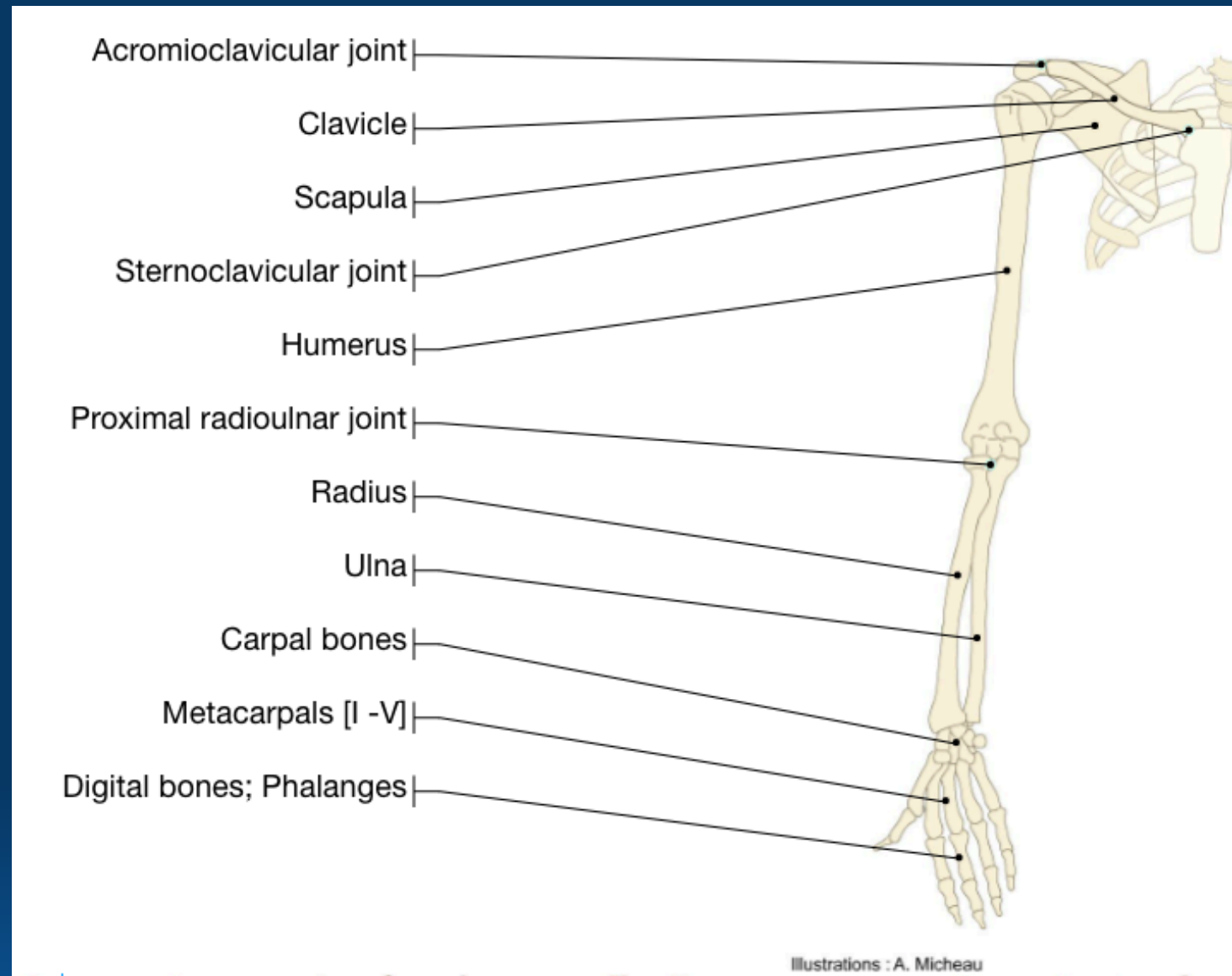
Riyadh-Saudi Arabia

Objective

- Know the high yield functional anatomy of the upper extremity joints (Shoulder, Elbow, Wrist/hand)
- Develop simplified approach to read MSK images
- Know the limitation of the modalities.
- Know the high yield MSK injuries/ abnormalities of the upper extremity

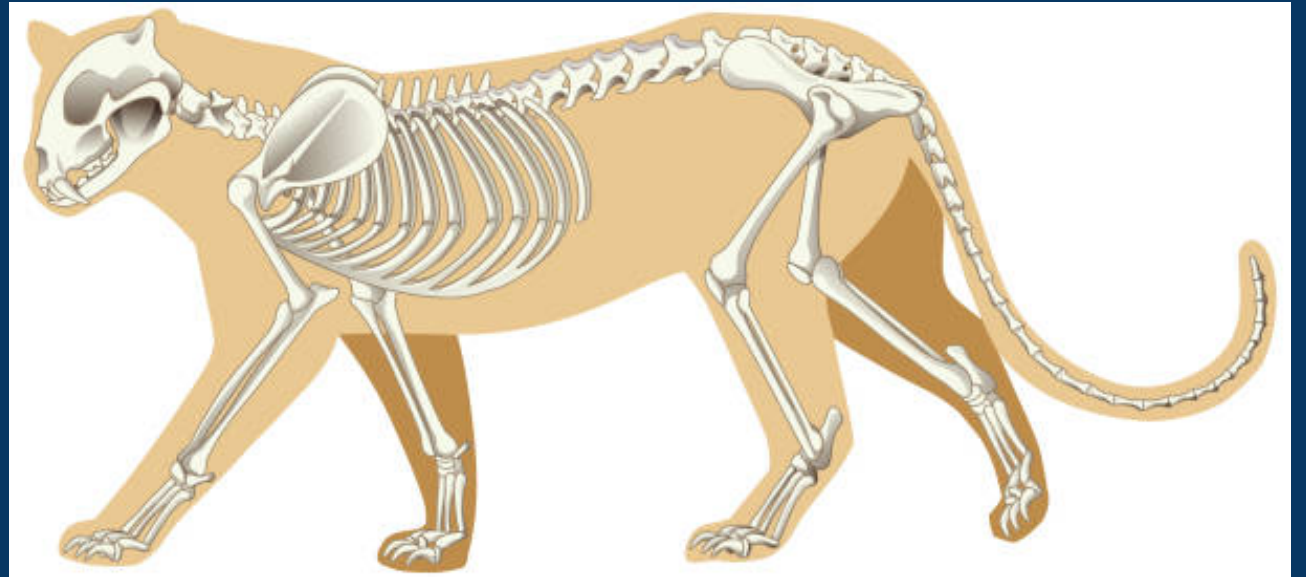
Overview:

- Below Bare minimum knowledge!



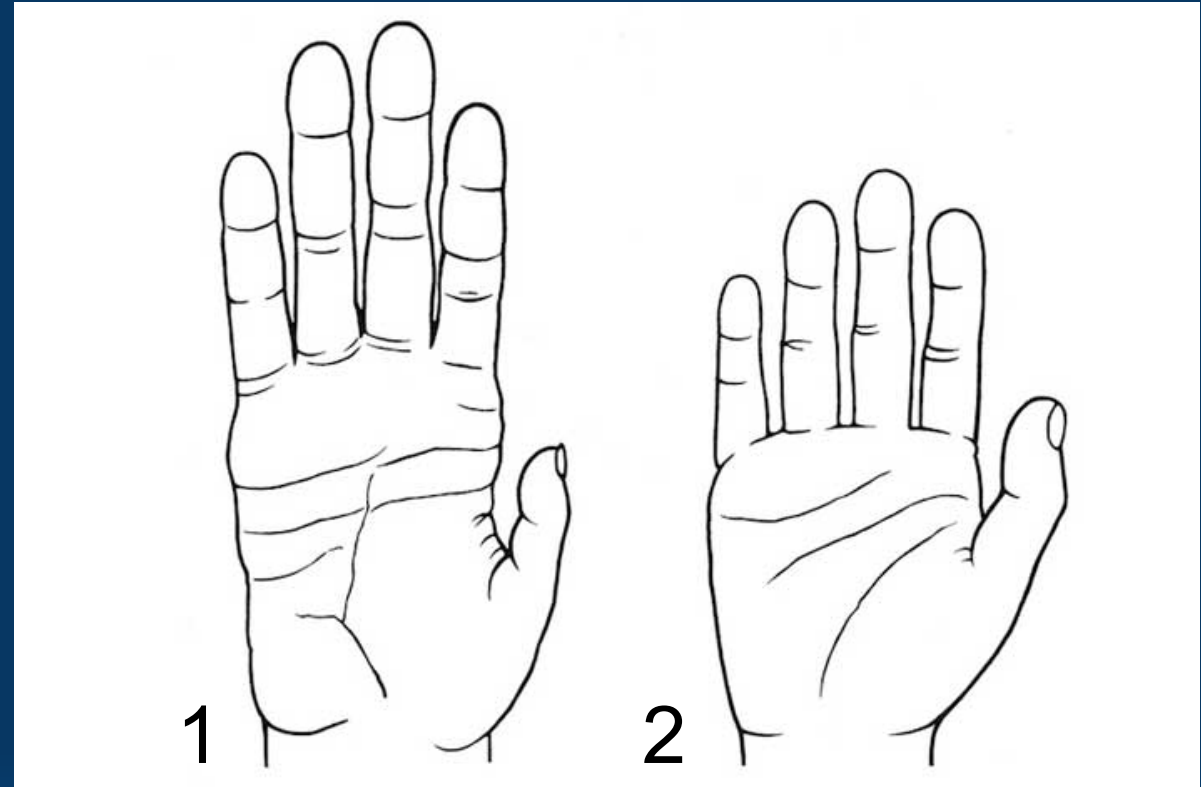
Overview:

- Why do we need clavicle and cats don't?

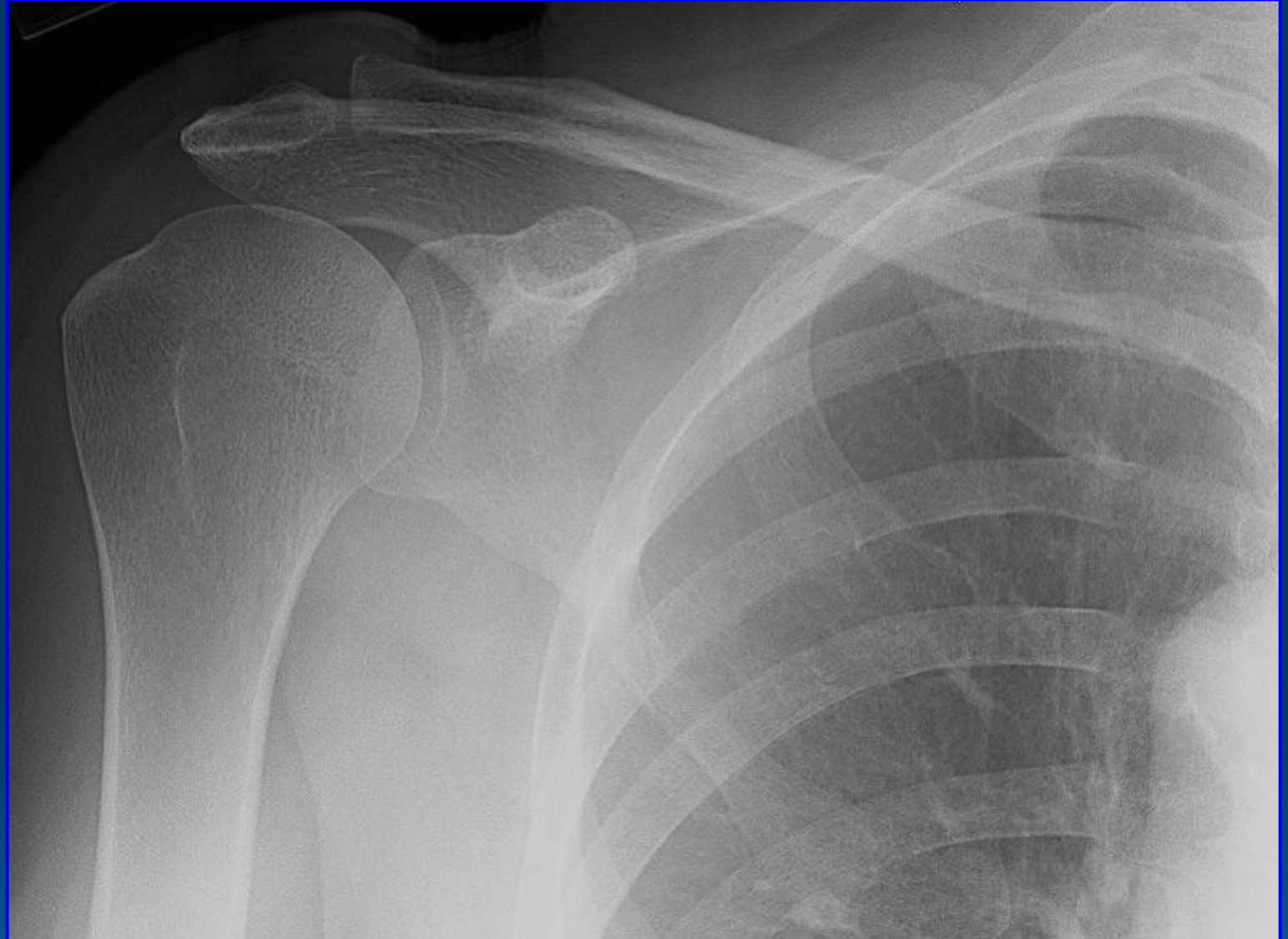


Overview:

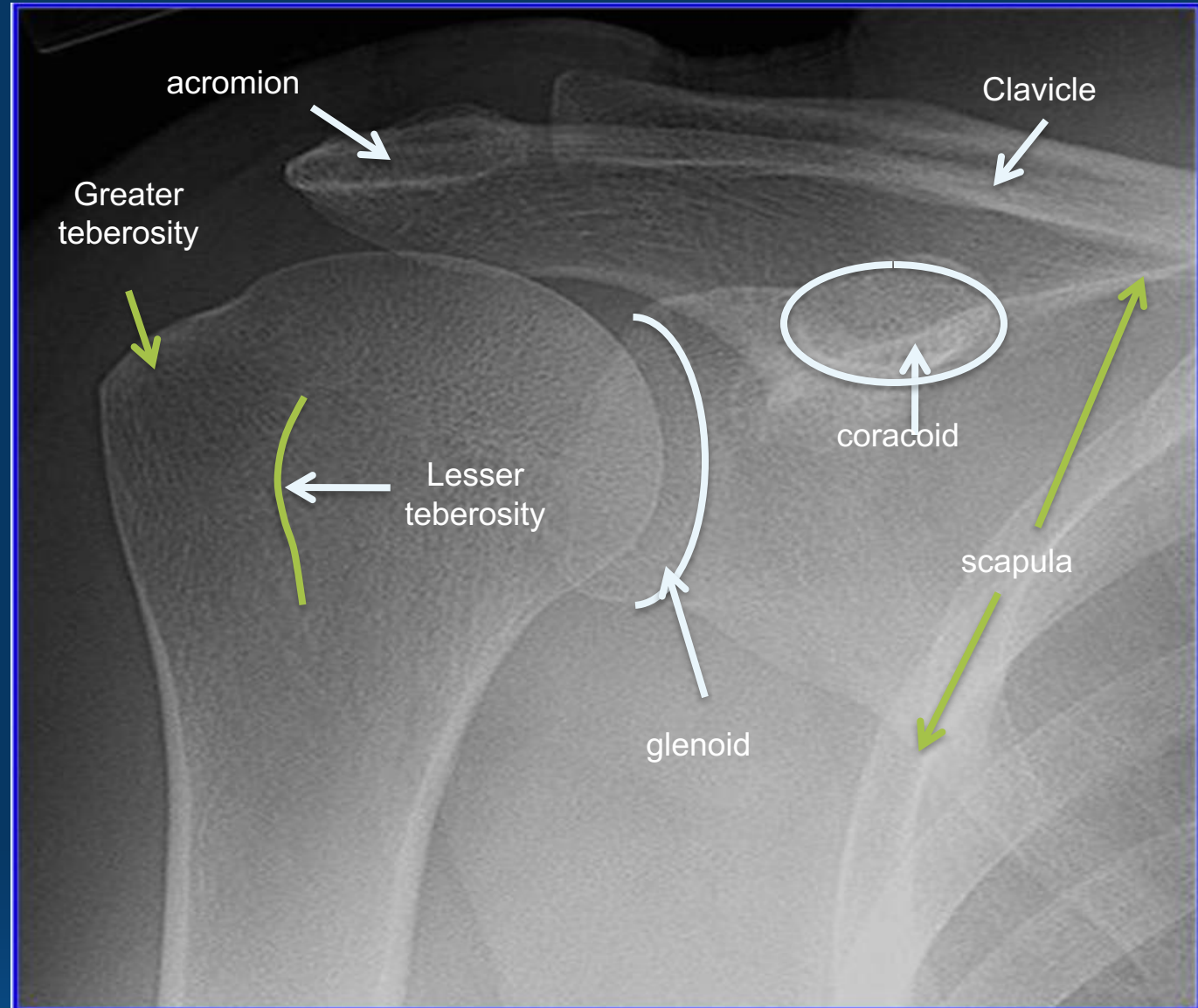
- Which hand belong to human?



Shoulder

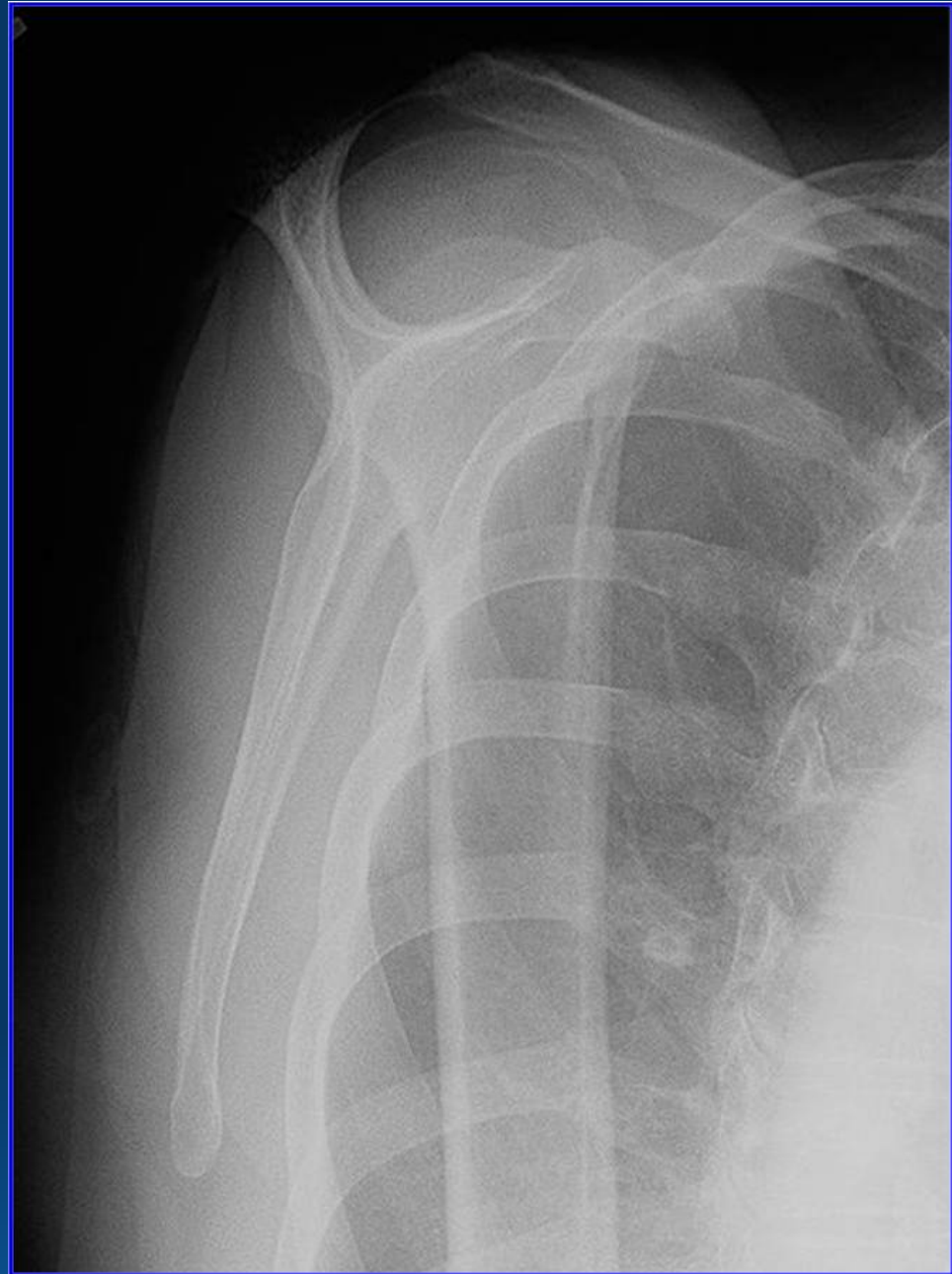


Shoulder



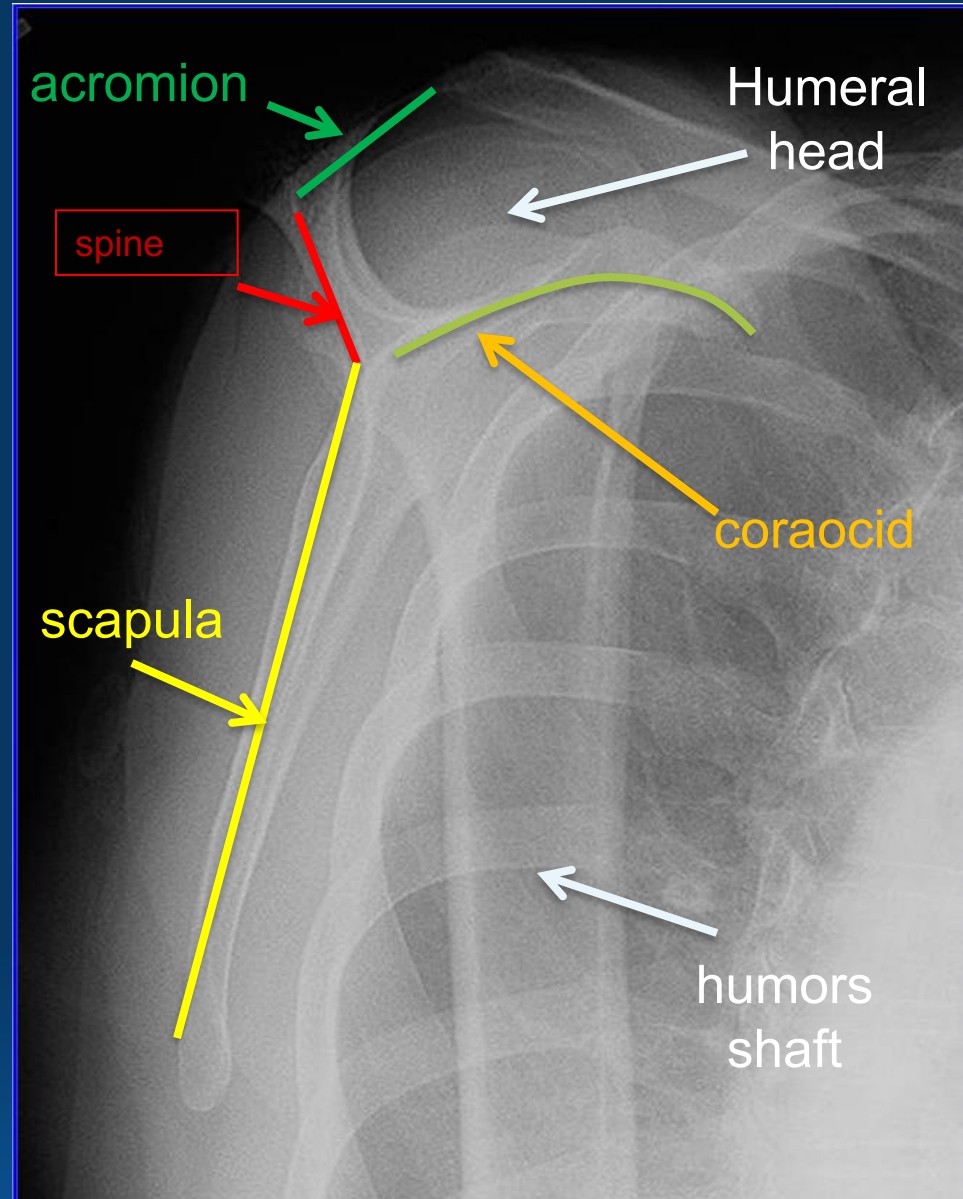
Shoulder

Y view



Shoulder

Y view



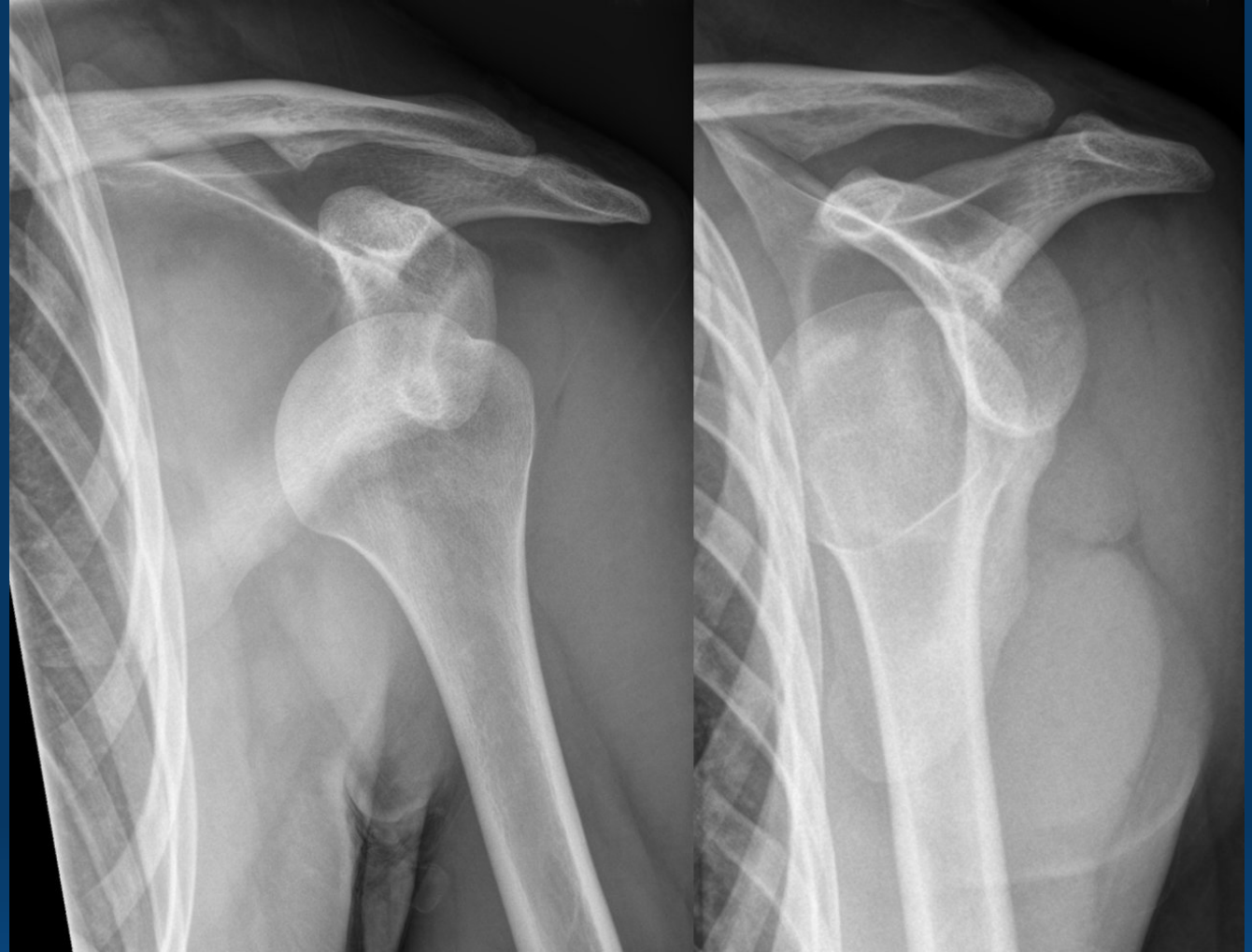
Shoulder

- High yield tendons
- High yield ligaments
- High yield Neurovascular structures
- High yield injuries



Shoulder

- Anterior shoulder dislocation



Elbow

Elbow

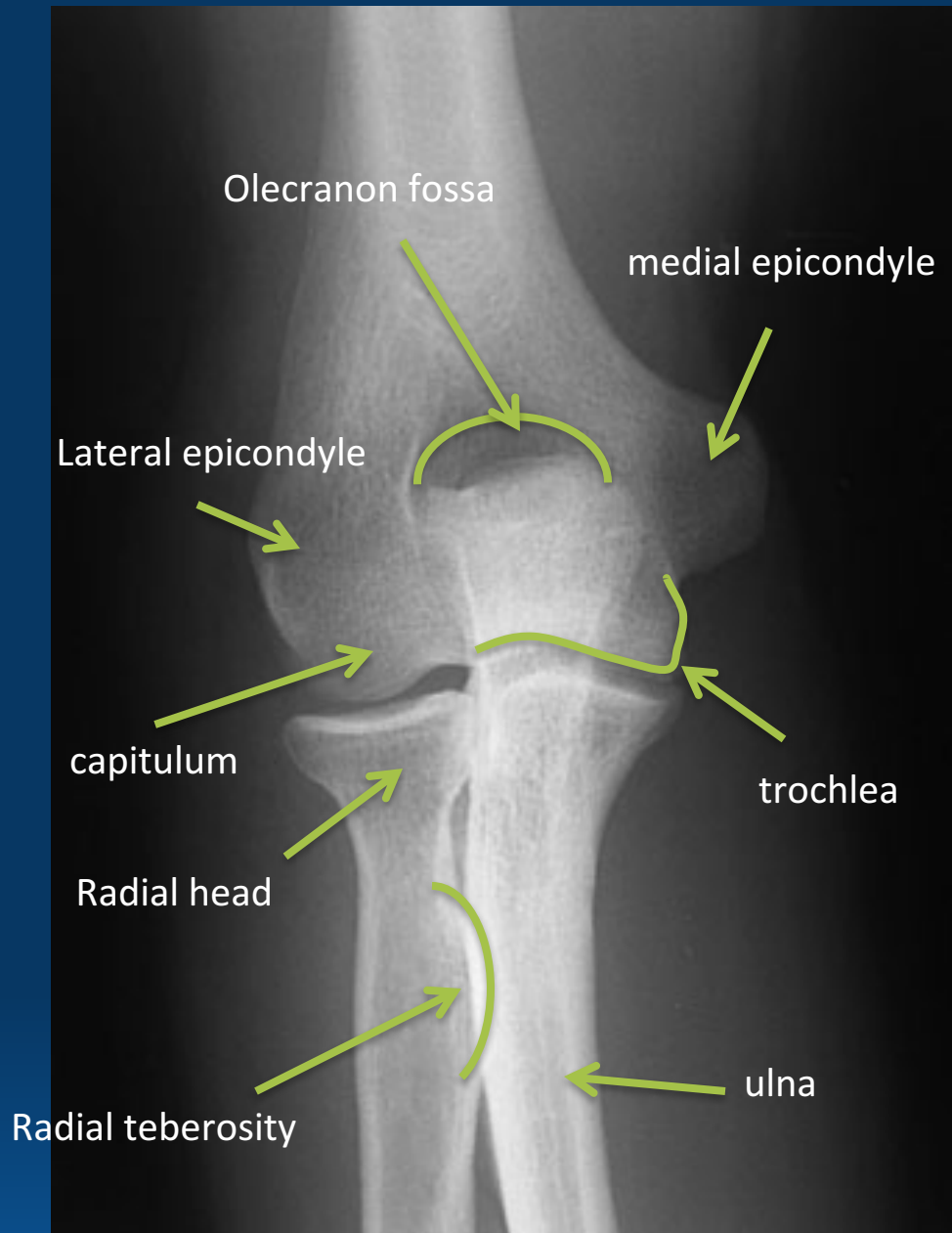
CHILD



ADULT





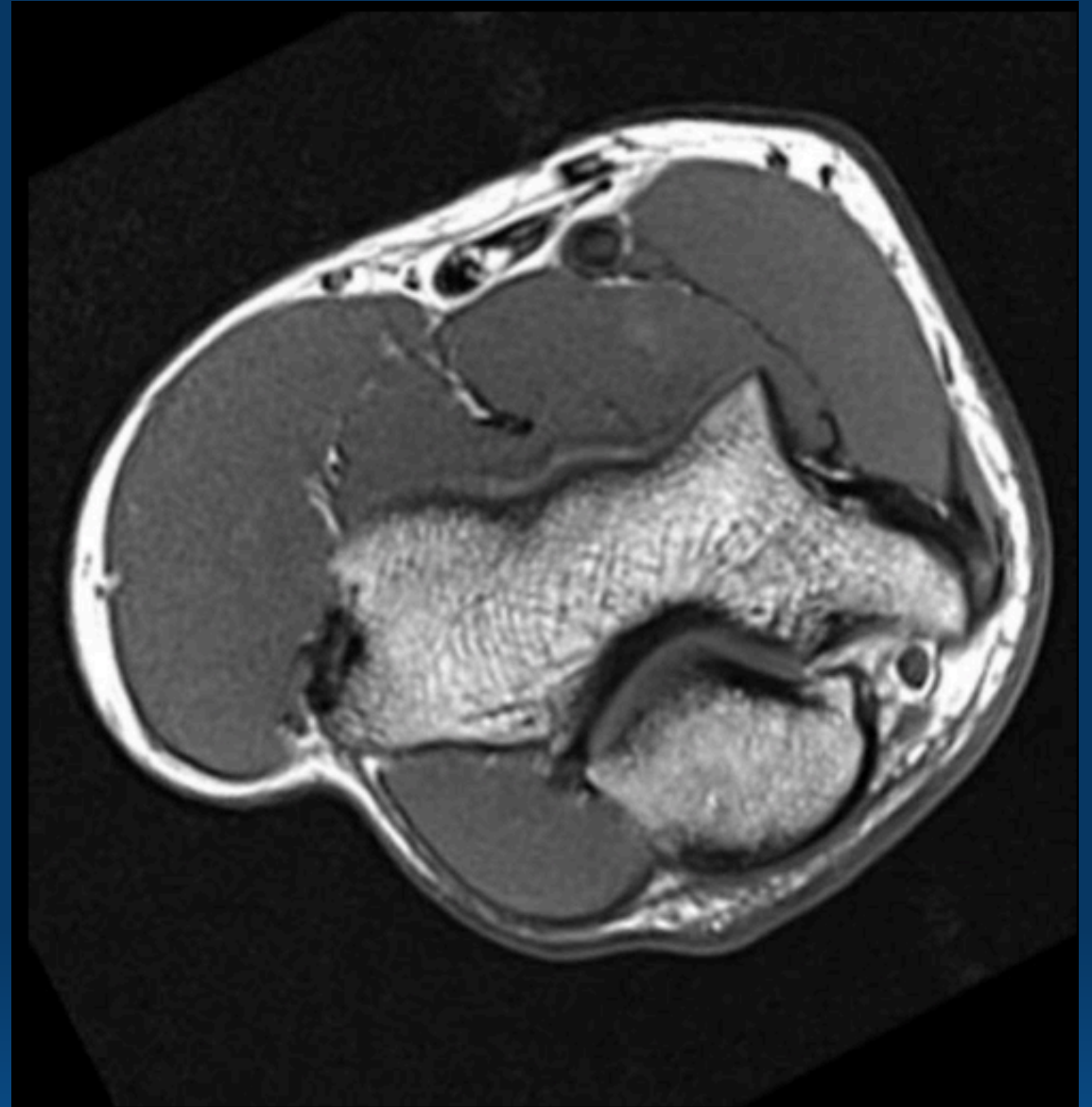






Elbow

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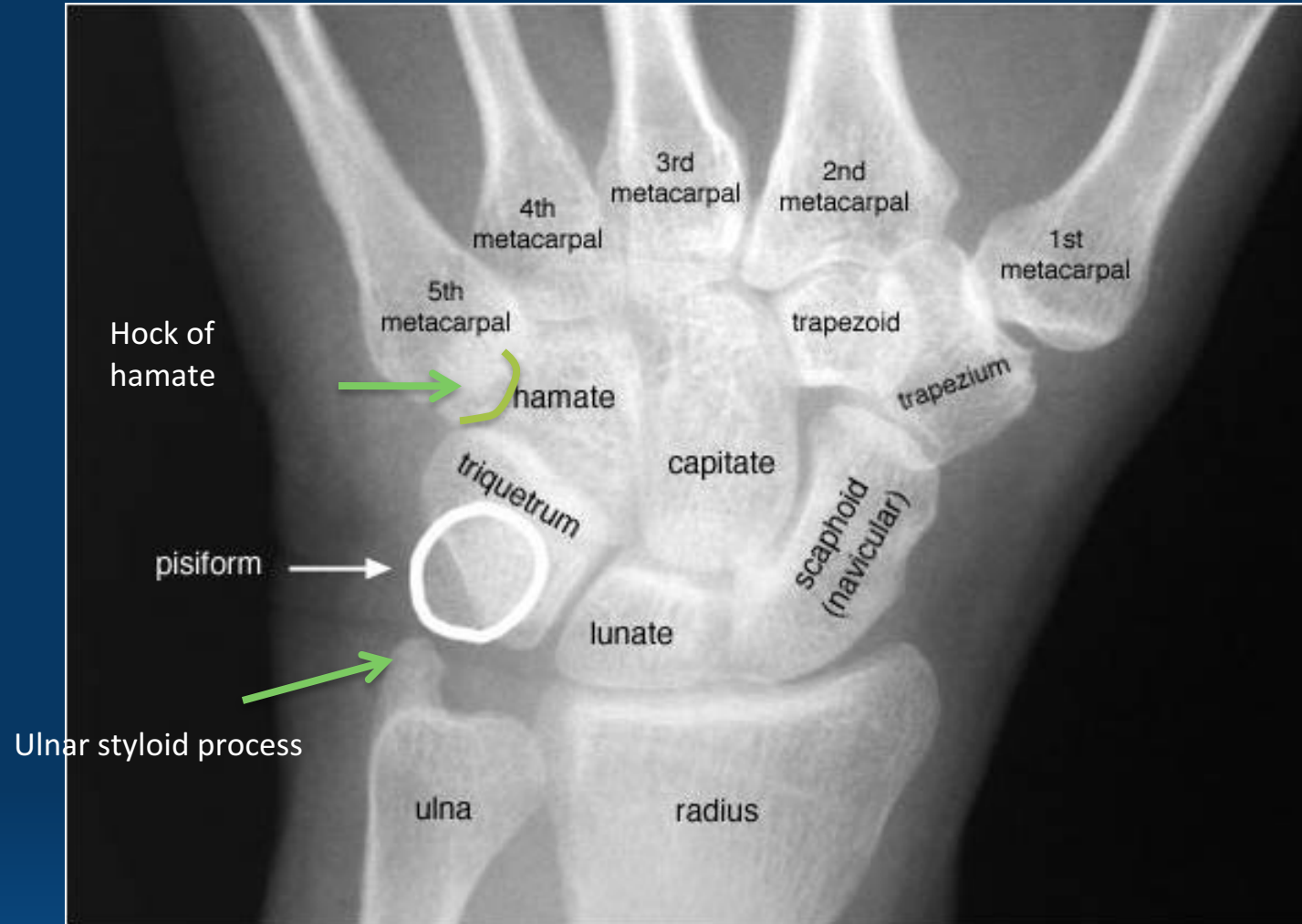
Elbow

- Subtle radial head fracture,
Posterior fat pad sign



Wrist/Hand

Wrist/Hand

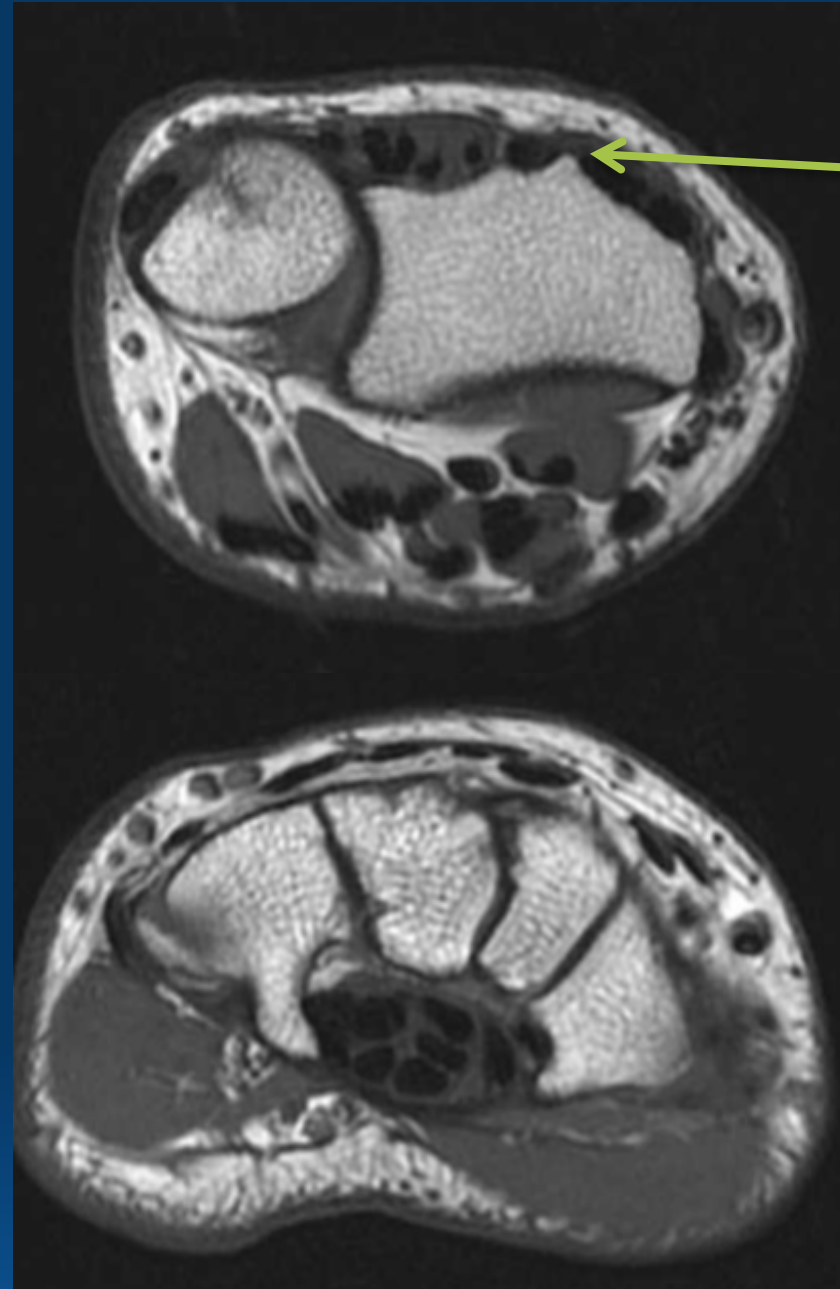


Wrist/Hand



Wrist/Hand

- High yield tendons
- High yield ligaments
- High yield Neurovascular structures
- High yield injuries



Very important
but not for your
level

Recourses (most important slide)

- Review articles from Radiographic journal (peer reviewed)
- AAOS comprehensive orthopedic review
- Radiopedia (not peer reviewed, open source)
- Orthobullet (not peer reviewed, open source)
- E. anatomy

Take care!

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