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Skeletal Trauma: Review of Commonly Encountered and Missed Fractures

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Musculoskeletal Radiologist
Assistant Professor

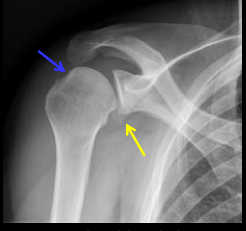
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32-year-old male with shoulder pain after grabbing a rebound



Anterior shoulder dislocation

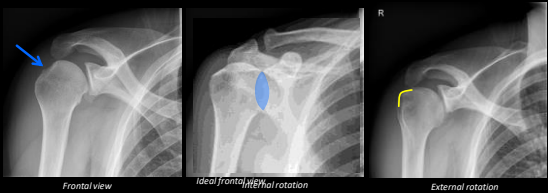
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ANTERIOR SHOULDER DISLOCATION



Frontal view

Ideal frontal view

External rotation

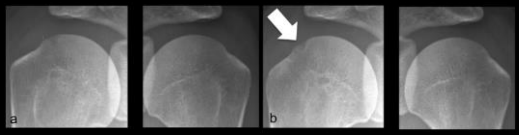
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ANTERIOR SHOULDER DISLOCATION



Neutral

Internal rotation

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Vande Berg B, Omoami P. Dislocation of the Shoulder Joint - Radiographic Analysis of Osseous Abnormalities. J Belg Soc Radiol. 2016.

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ANTERIOR SHOULDER DISLOCATION



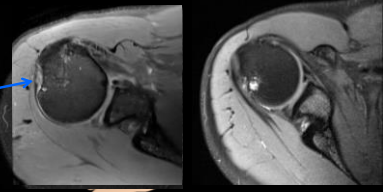
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ANTERIOR SHOULDER DISLOCATION



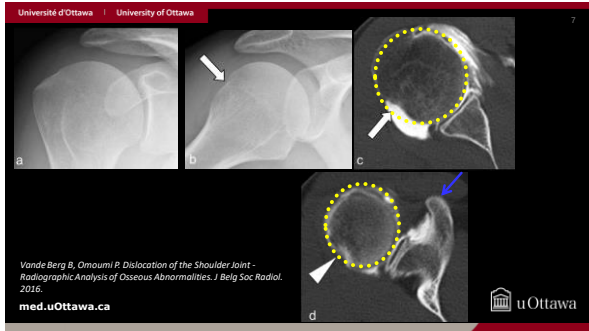
Prior dislocation

Posterosuperior impingement (baseball player)

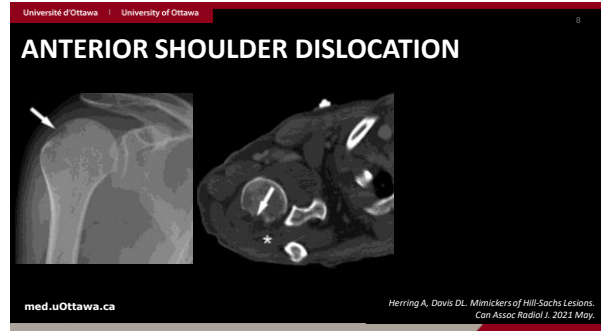
Herring A, Davis DL. Mimickers of Hill-Sachs Lesions. Can Assoc Radiol J. 2021 May.

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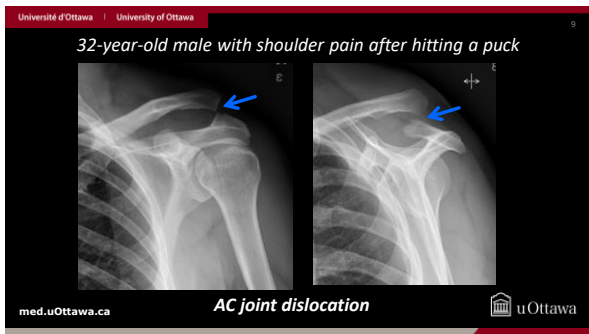
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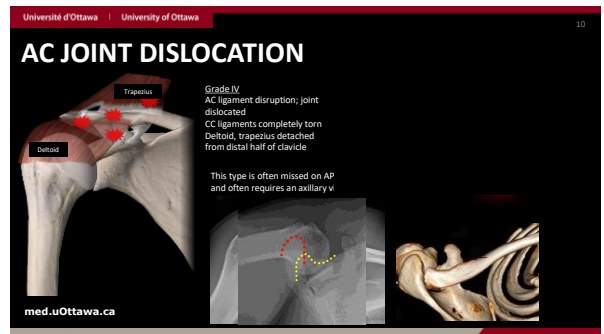
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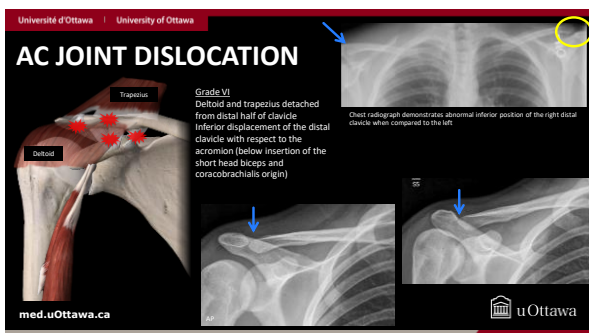
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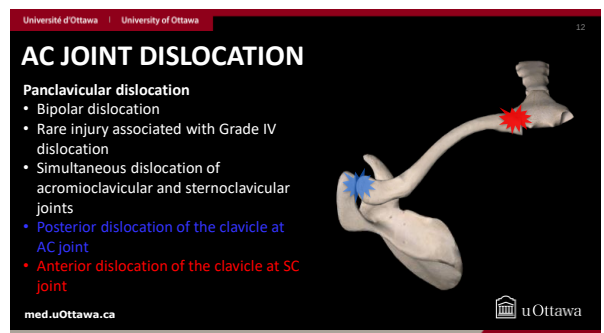
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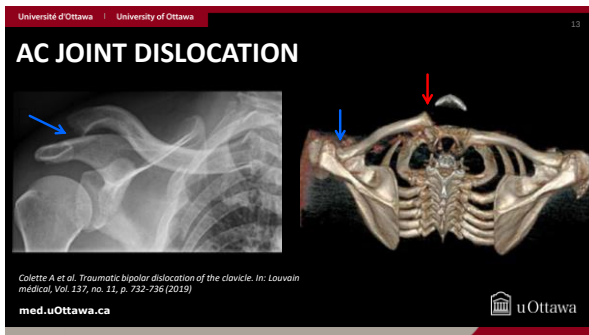
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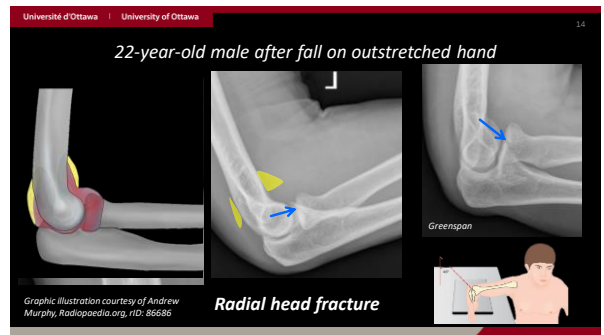
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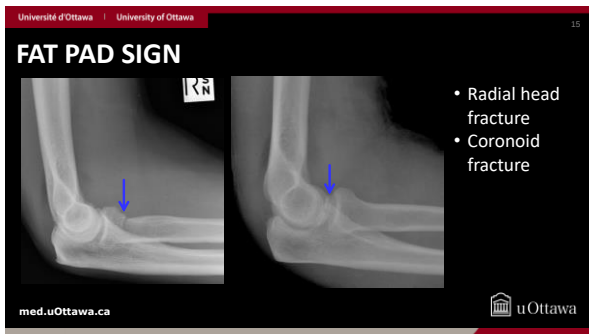
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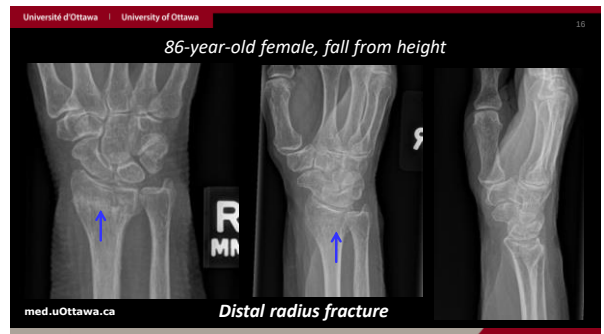
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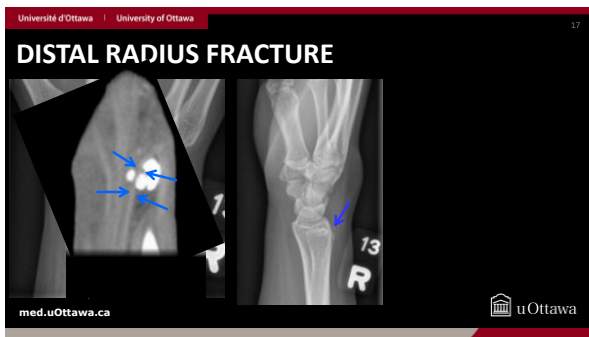
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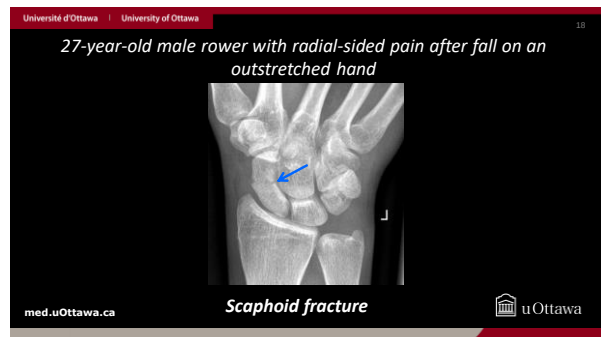
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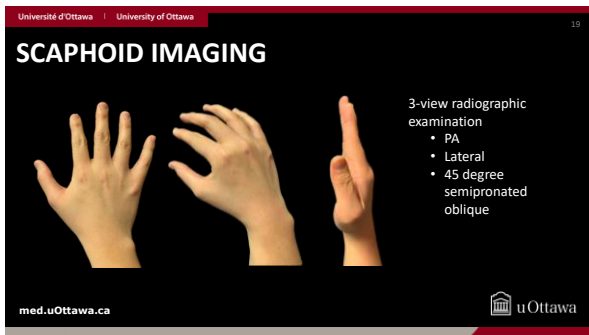
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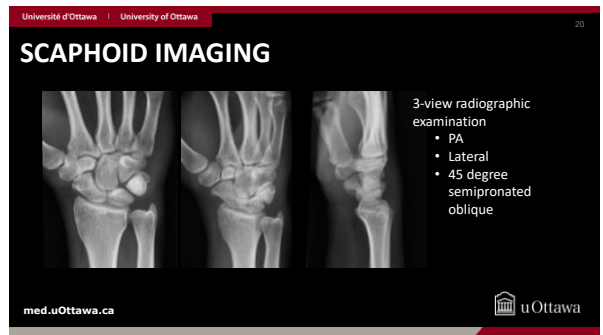
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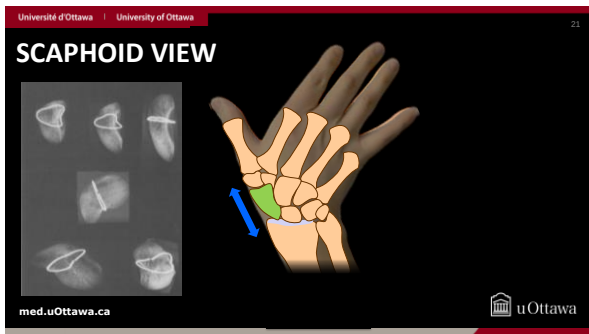
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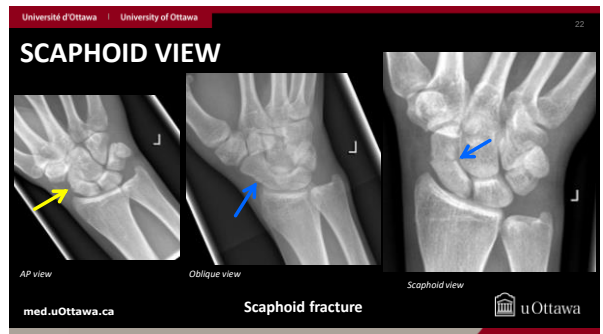
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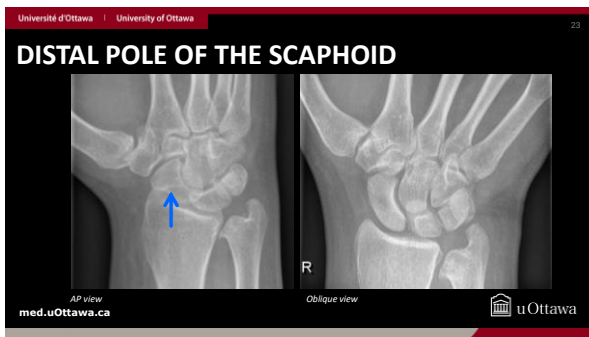
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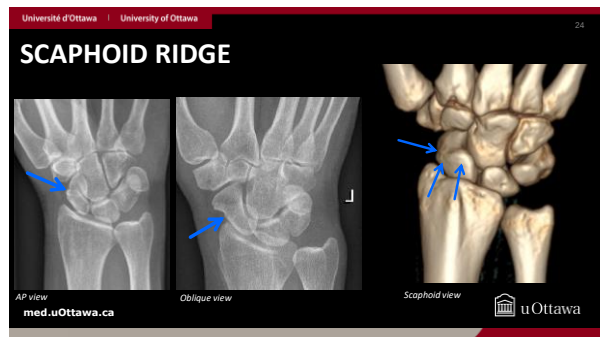
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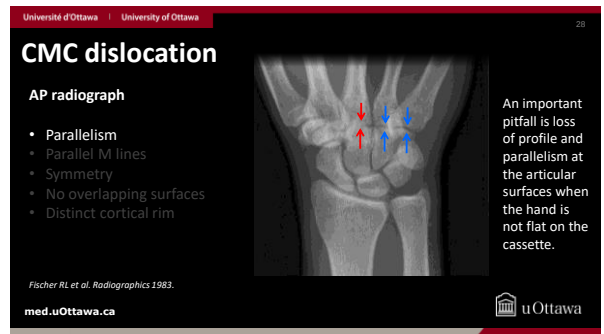
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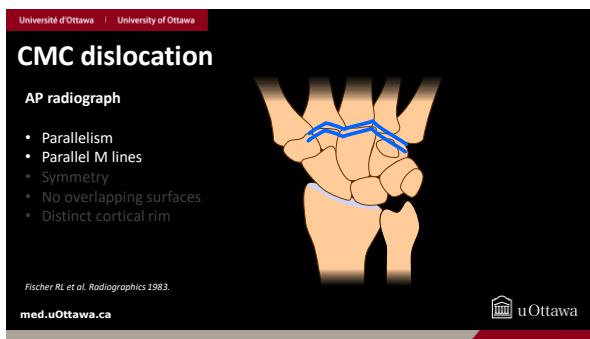
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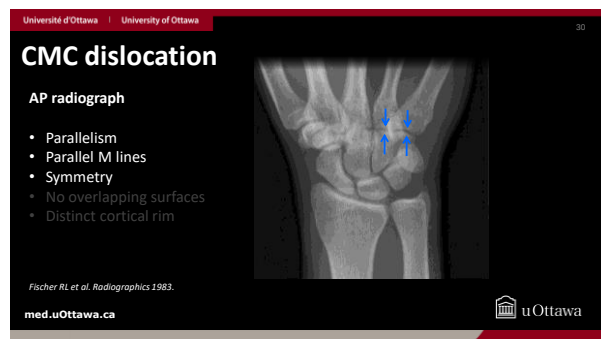
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CMC dislocation

AP radiograph

- Parallelism
- Parallel M lines
- Symmetry
- No overlapping surfaces
- Distinct cortical rim

Fischer RL et al. Radiographics 1983.

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CMC dislocation

AP radiograph

- Parallelism
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Fischer RL et al. Radiographics 1983.

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CMC dislocation

AP radiograph

- Parallelism
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Fischer RL et al. Radiographics 1983.

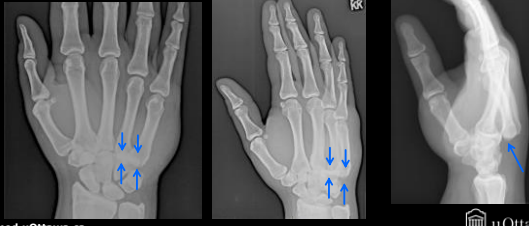
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CMC dislocation

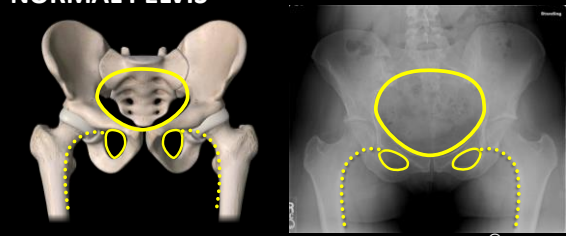


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NORMAL PELVIS

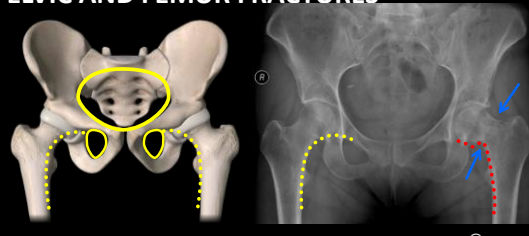


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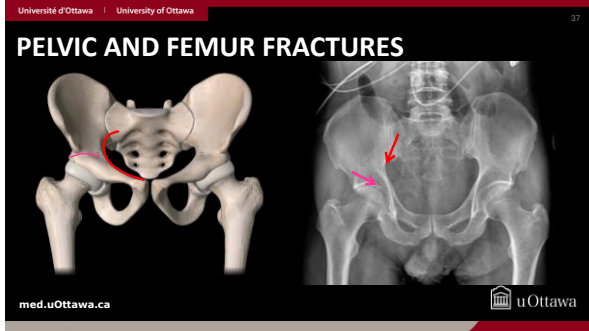
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PELVIC AND FEMUR FRACTURES

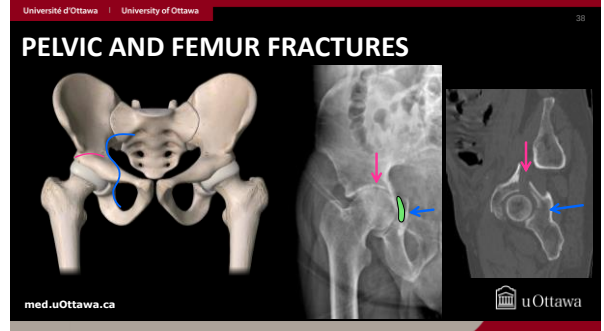


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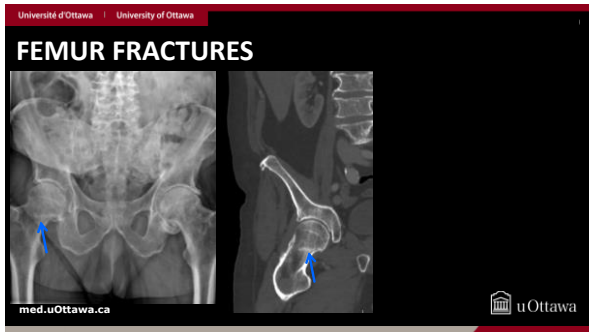
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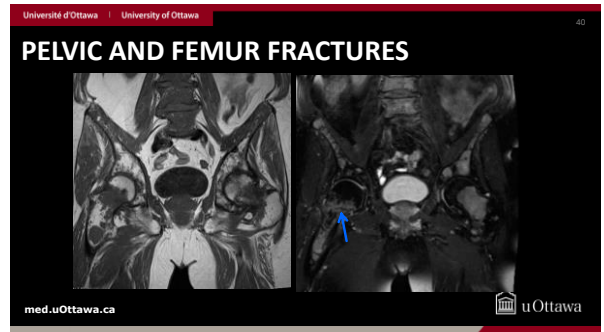
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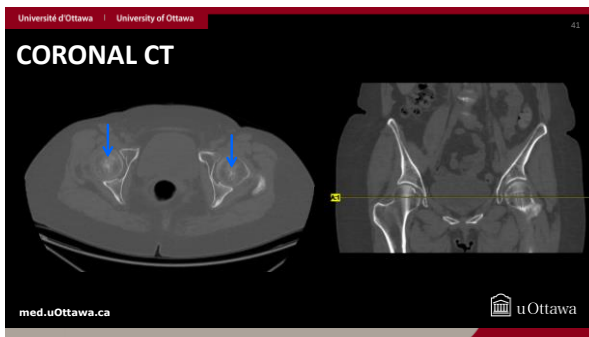
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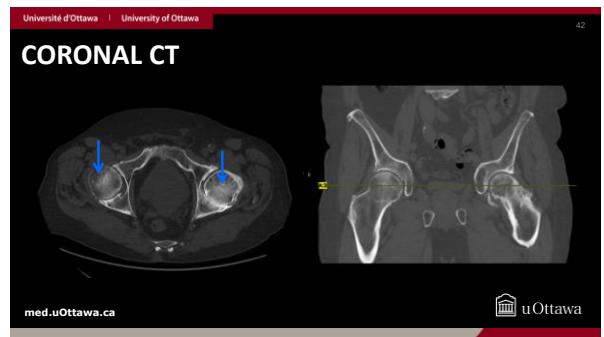
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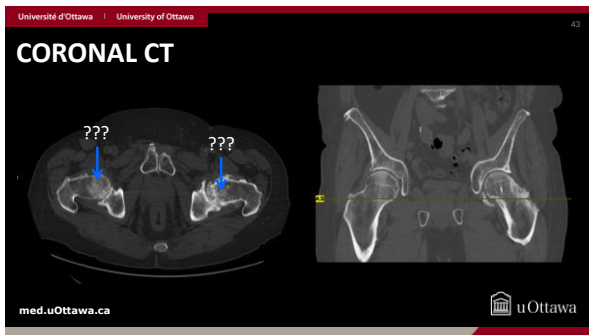
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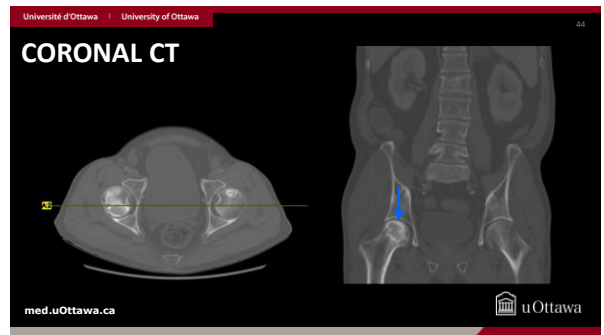
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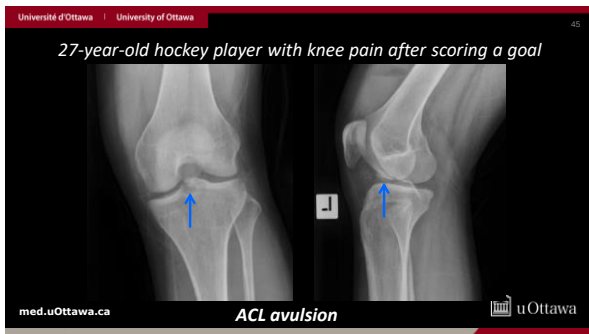
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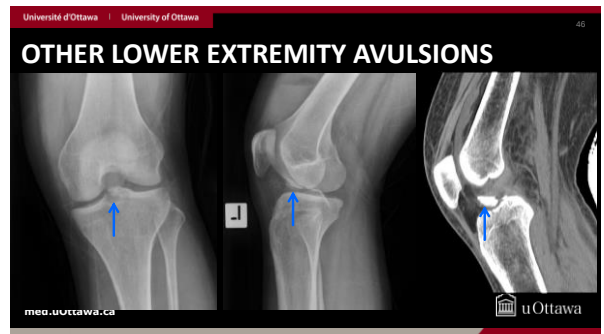
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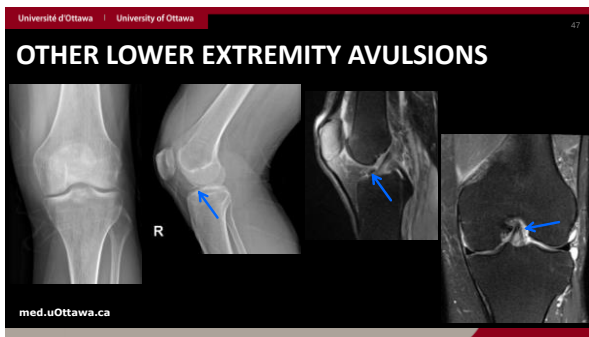
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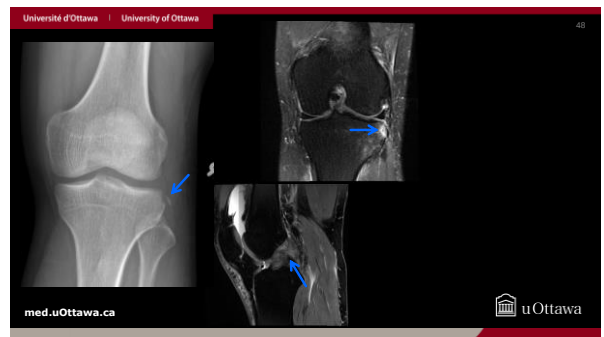
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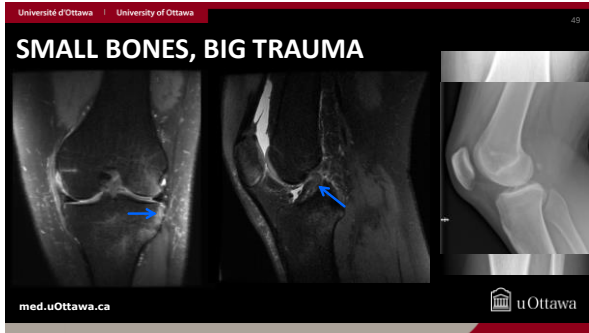
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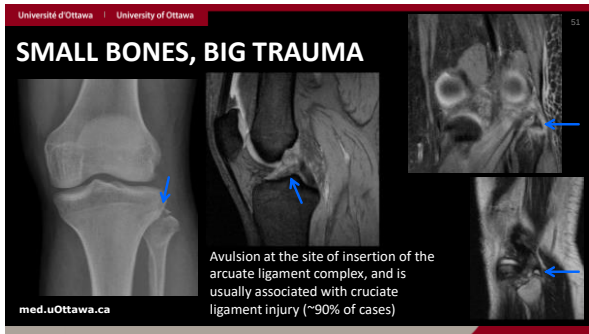
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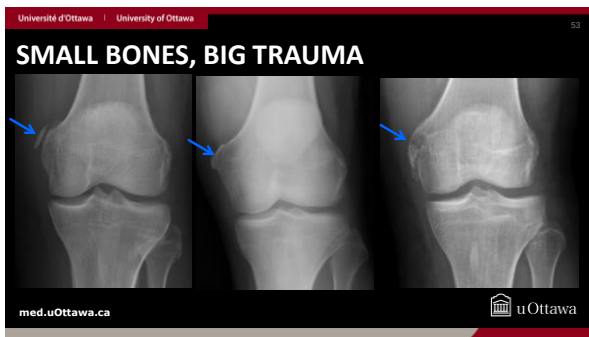
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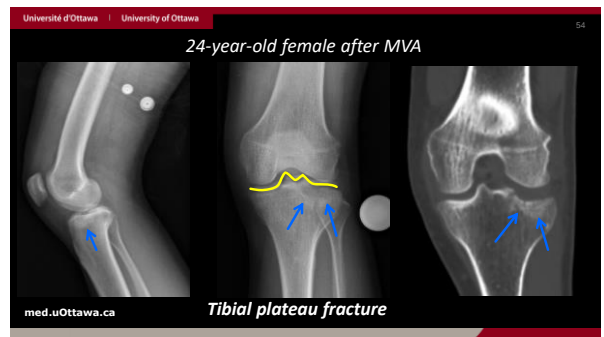
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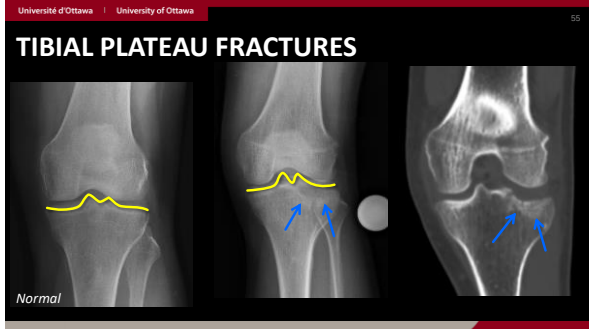
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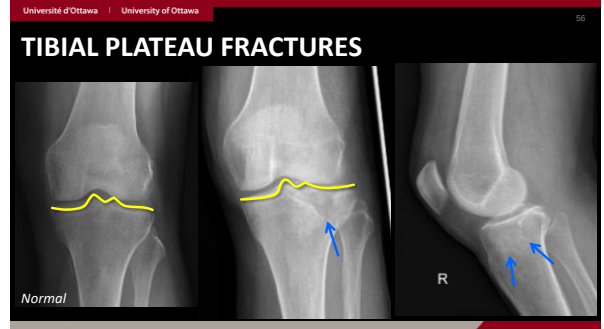
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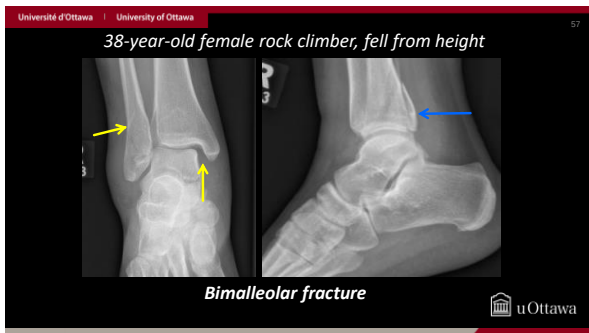
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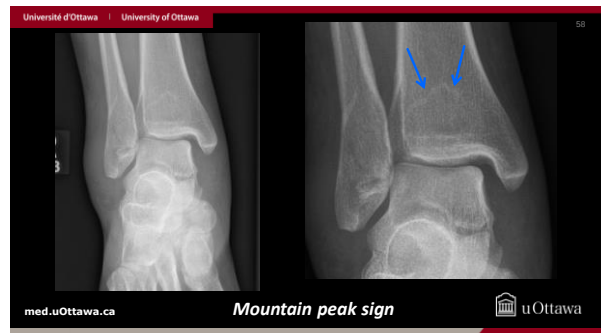
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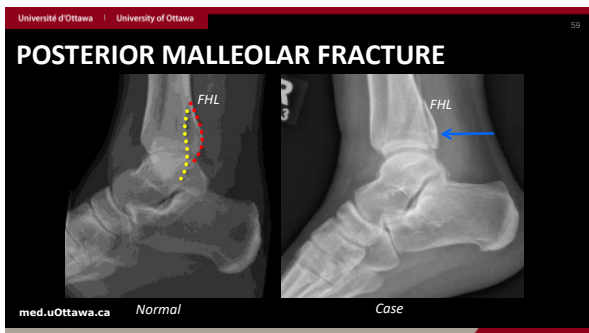
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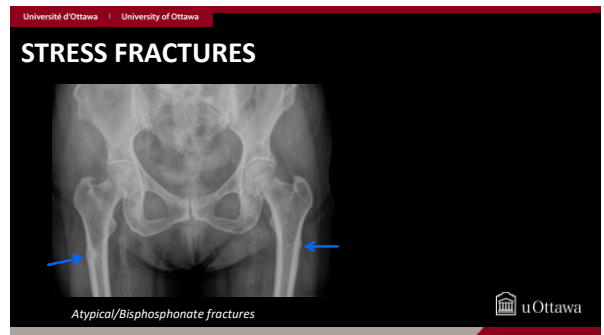
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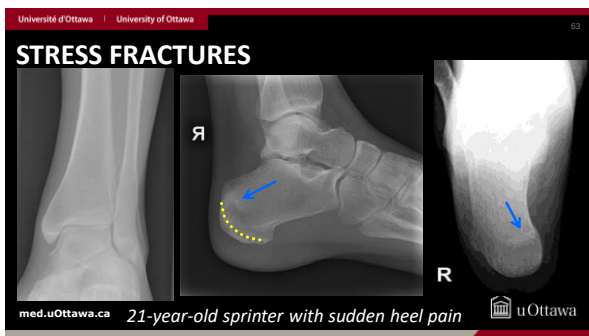
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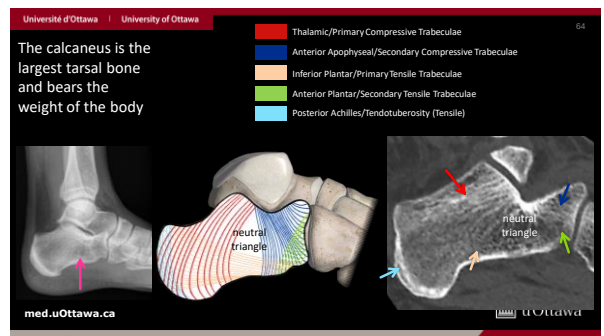
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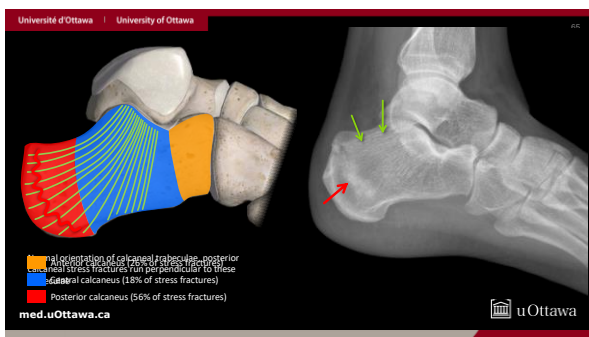
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