ANPH 252:
Skeletal fractures PART 2

Supracondylar

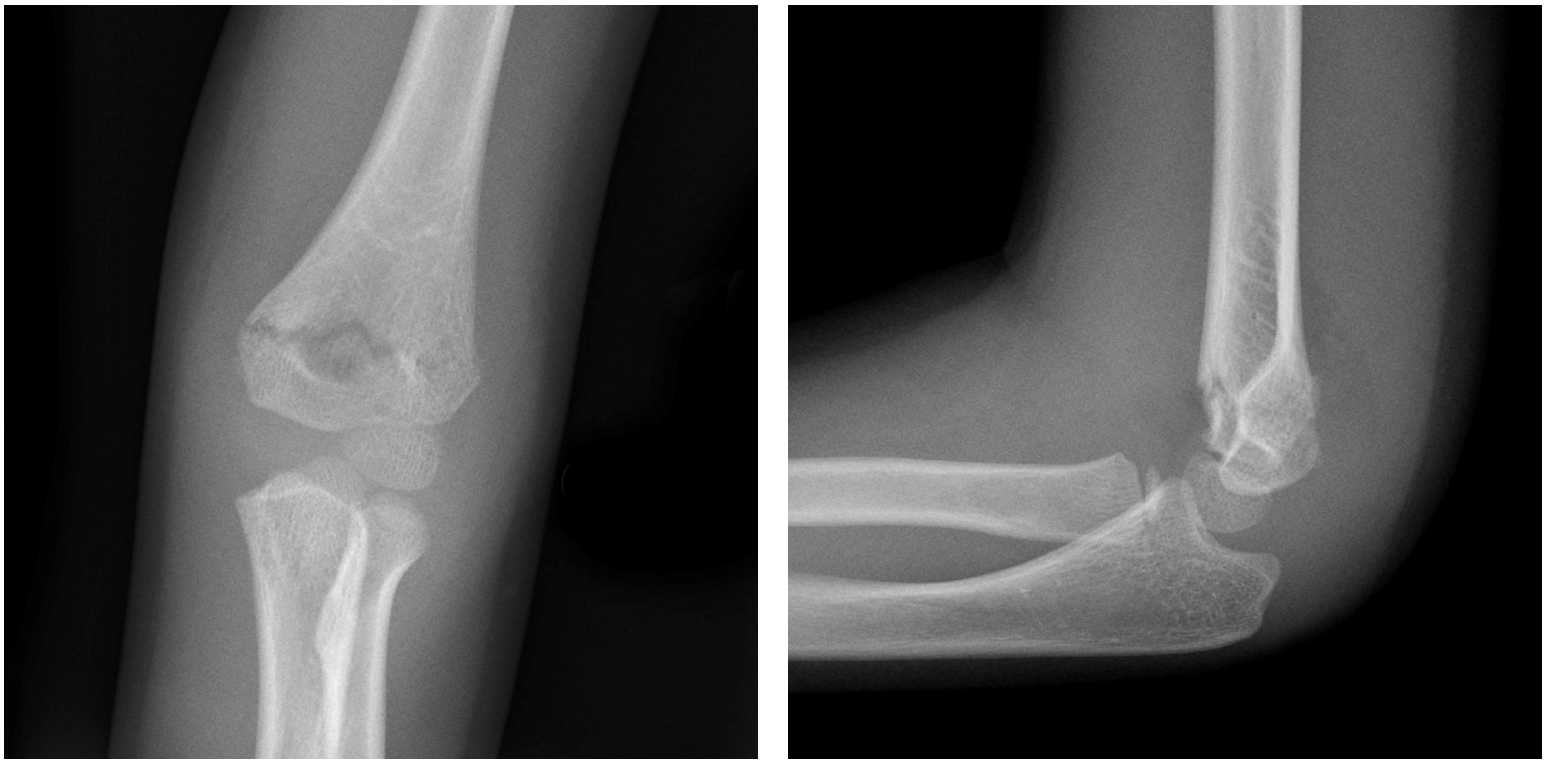
Fracture of the distal humerus just above the elbow joint

Most common elbow fracture in children

Usual cause is a fall

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Supracondylar



Case courtesy of Assoc Prof Frank Gaillard, Radiopaedia.org, rID: 10342

Monteggia

Fracture of the ulna with anterior displacement, and dislocation of the radial head

Mostly occur in children, rare in adults

Monteggia

Case courtesy of Assoc Prof Frank Gaillard, Radiopaedia.org, rID: 10435



Monteggia



Case courtesy of Andrew Murphy, Radiopaedia.org, rID: 47727

Galeazzi

Fracture of the distal third of the radius with dislocation of the distal radioulnar joint, with an intact ulna

FOOSH with the elbow in flexion

Galeazzi

Case courtesy of Radswiki, Radiopaedia.org, rID: 12221



Galeazzi



Case courtesy of Dr Henry Knipe, Radiopaedia.org, rID: 45174

Monteggia vs Galeazzi fracture

Remember:

GRIMUS

- Galeazzi
- Radius
- Inferior
- Monteggia
- Ulna
- Superior

GRUsome MURder

- Galeazzi
- Radius fracture
- Ulna dislocation
- Monteggia
- Ulna fracture
- Radial head dislocation

Intertrochanteric

Considered one of three types of hip fractures

Fracture occurs in the proximal or upper part of the femur:

- Femoral Head
- Femoral Neck
- Trochanteric region (greater or lesser tubercle)

Intertrochanteric



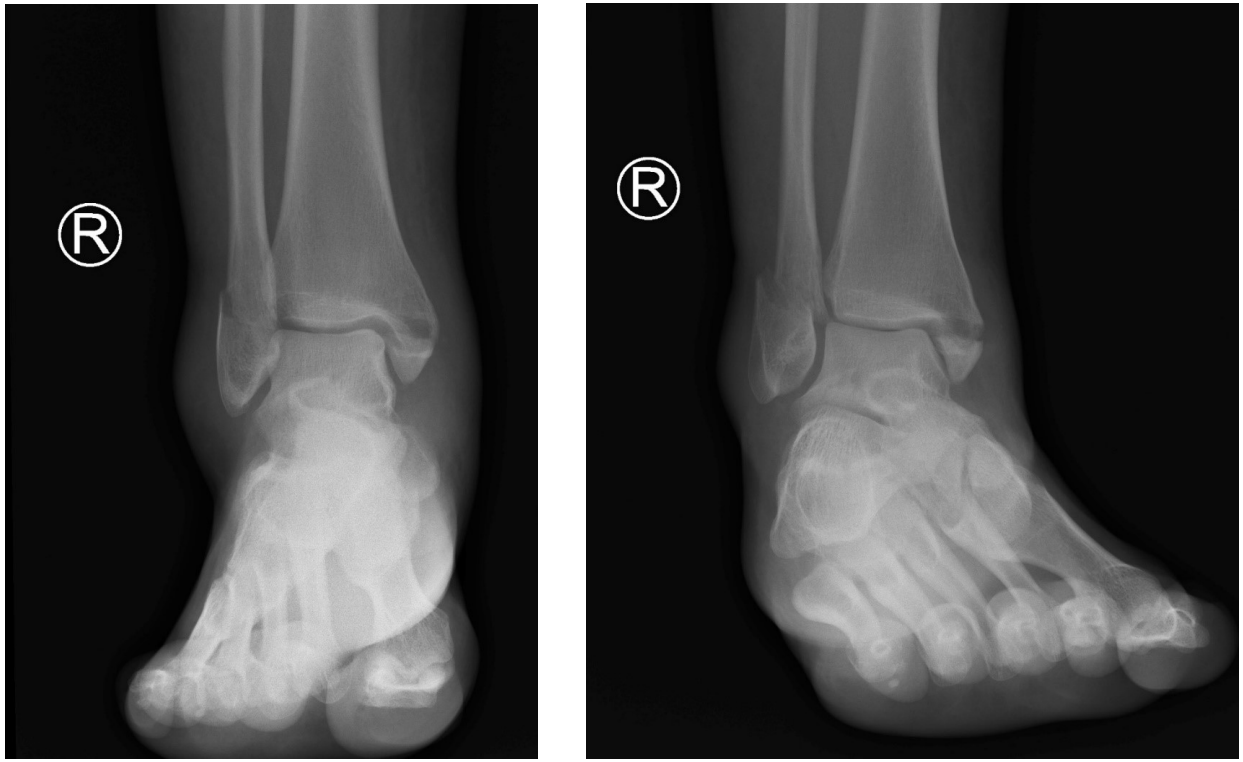
Case courtesy of Dr Bruno Di Muzio, Radiopaedia.org, rID: 39409

Bimalleolar

Fracture of the ankle that includes the lateral and medial malleolus

More common in women, people over 60

Bimalleolar



Case courtesy of Dr Andrew Dixon, Radiopaedia.org, rID: 35590

Trimalleolar

Three part fracture of the ankle

Lateral and medial malleolus and the posterior aspect of the tibial plafond

Unstable fracture, often with ligament injury as well

Trimalleolar





Case courtesy of Dr Jeremy Jones, Radiopaedia.org, rID: 14360

Jones

Fracture at the base of the 5th metatarsal



Case courtesy of A.Prof Frank Gaillard, Radiopaedia.org, rID: 12641

Marcher's or March Fracture

- Fracture due to fatigue or stress of the metatarsal bones.
- Occurs in the distal third of the metatarsals
- Common in the second and third metatarsal of those who stand for long periods of time
- Name came from repeated stress of the metatarsals from marching soldiers
- Often requires a NM bone scan to be conclusive

Hangman's Fracture

Fracture of pars interarticularis on both sides of C2

Also called traumatic spondylolisthesis of the axis

Caused by forceful hyperextension of the neck

Fracture could cause damage to spinal cord



Case courtesy of Dr Maxime St-Amant, Radiopaedia.org, rID: 19431



Case courtesy of A.Prof Frank Gaillard, Radiopaedia.org, rID: 32185

Clay Shoveler Fracture

Fracture through the spinous processes of the cervico-thoracic junction area (lower cervical vertebra)

Often on 1 or 2 processes are involved

Can be caused by MVA's, sudden muscle contraction, direct blow to the spine

Case courtesy of RMH Core Conditions, Radiopaedia.org, rID: 33847



Case courtesy of Dr Mohammad Taghi Niknejad, Radiopaedia.org, rID: 65826



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