

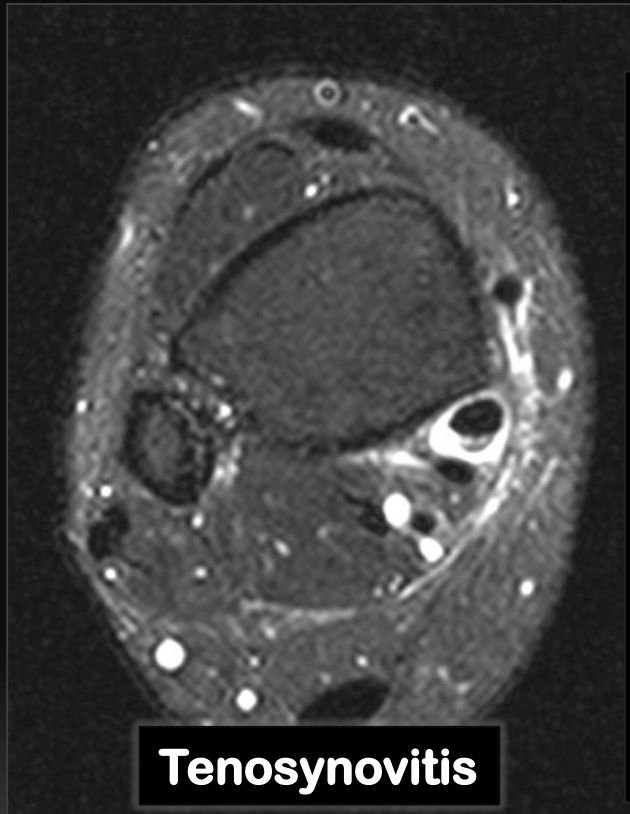
Η Ρευματολογία συναντά την Ακτινολογία

Μαρία Τιμ. Τζαλονίκου
Ακτινοδιαγνώστης

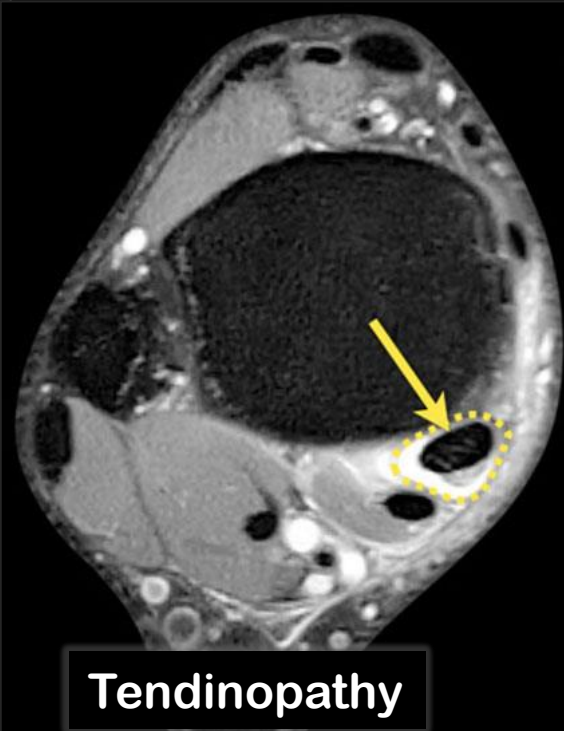


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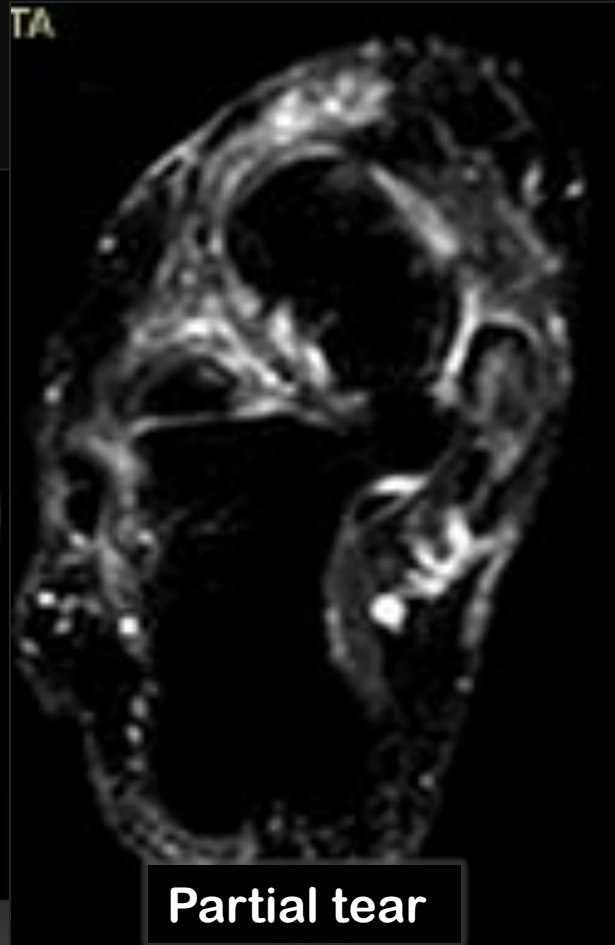
Tendon Pathology



Tenosynovitis



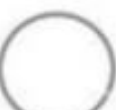
Tendinopathy



Partial tear

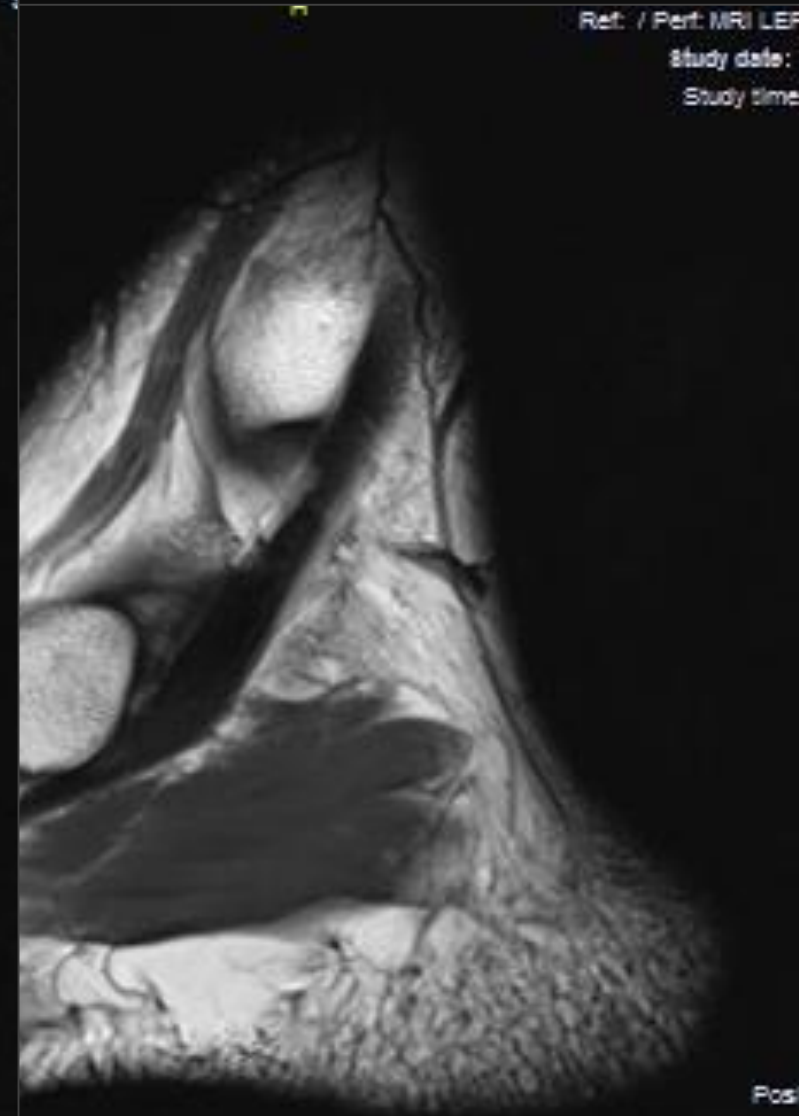
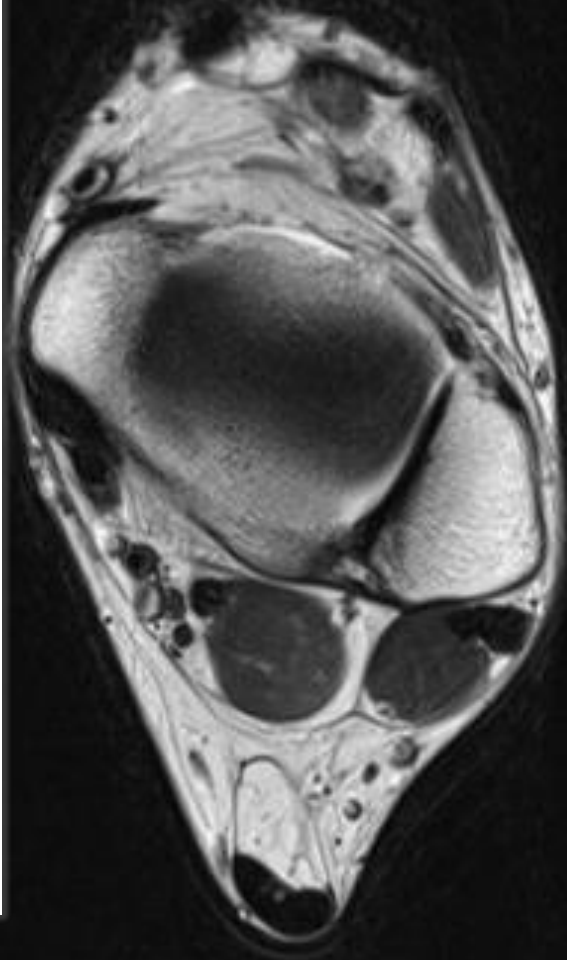


Complete tear

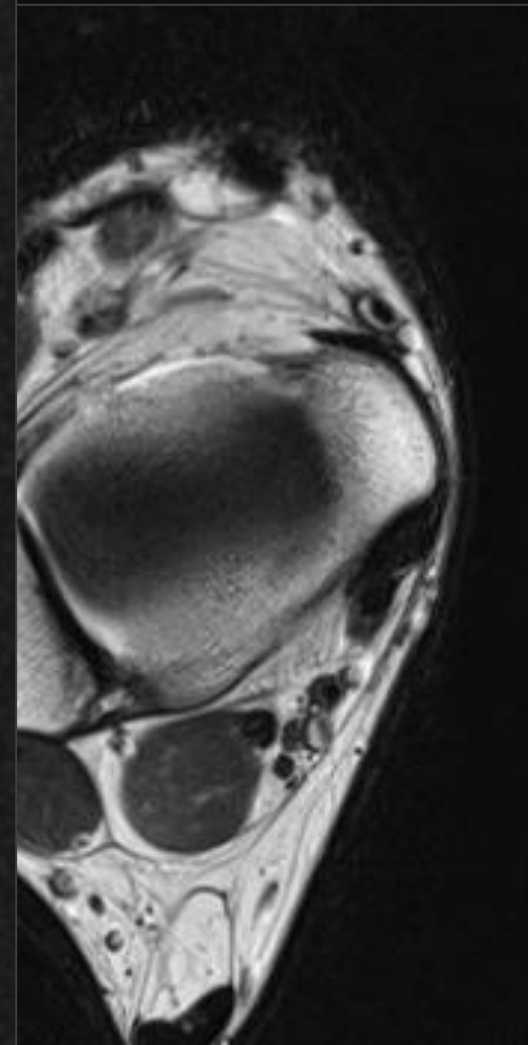
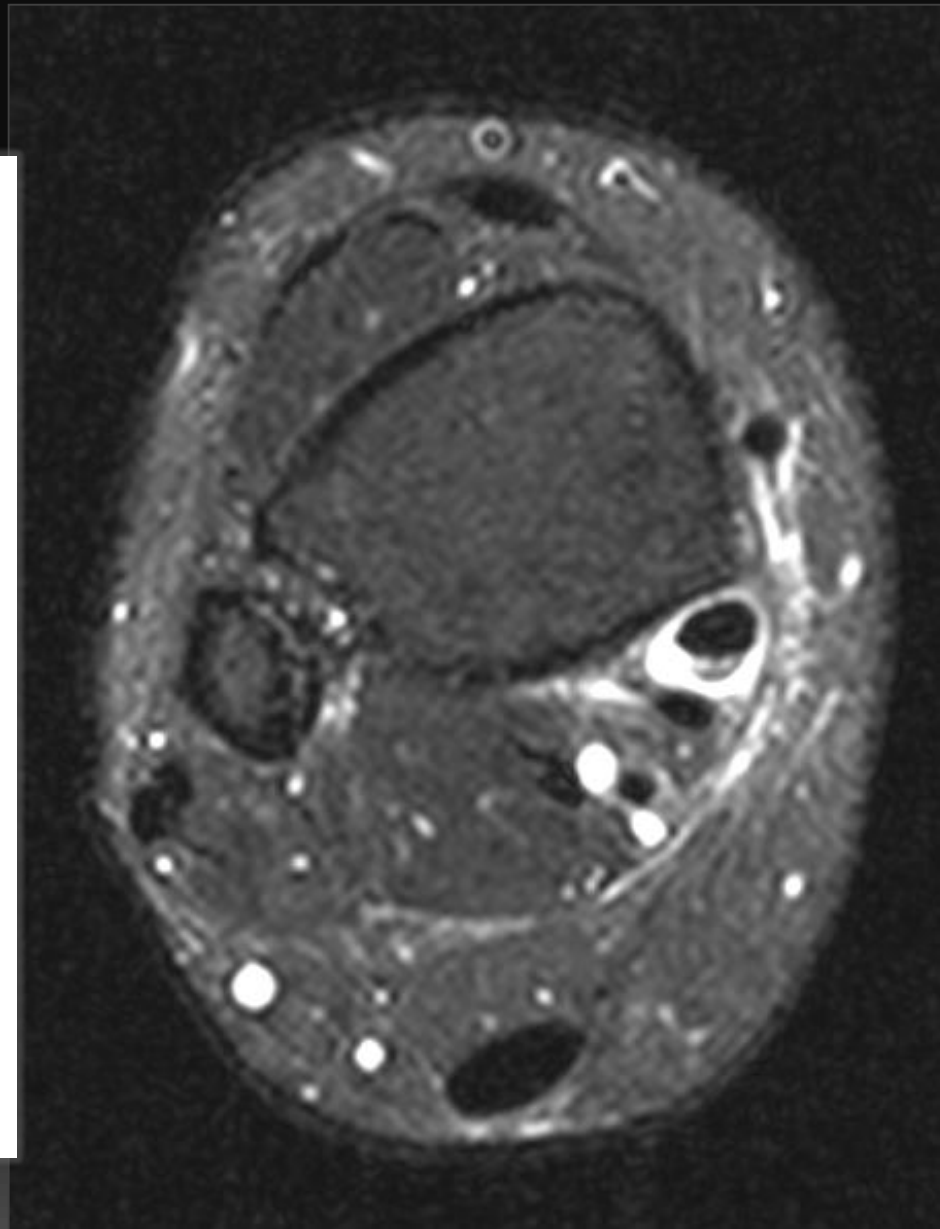
	T1	T2
Normal		
Peritendinitis, Paratenonitis		
Tendinosis (Tendinitis)		
Longitudinal split tear		
Tenosynovitis		
Partial tear		
Full thickness tear		
Complete tear with gap		

Br J Radiol 2013

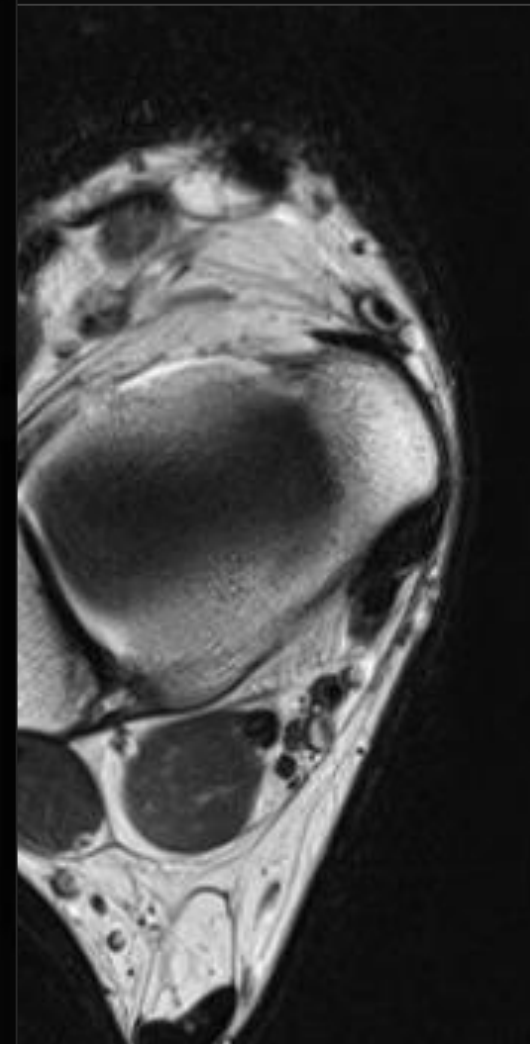
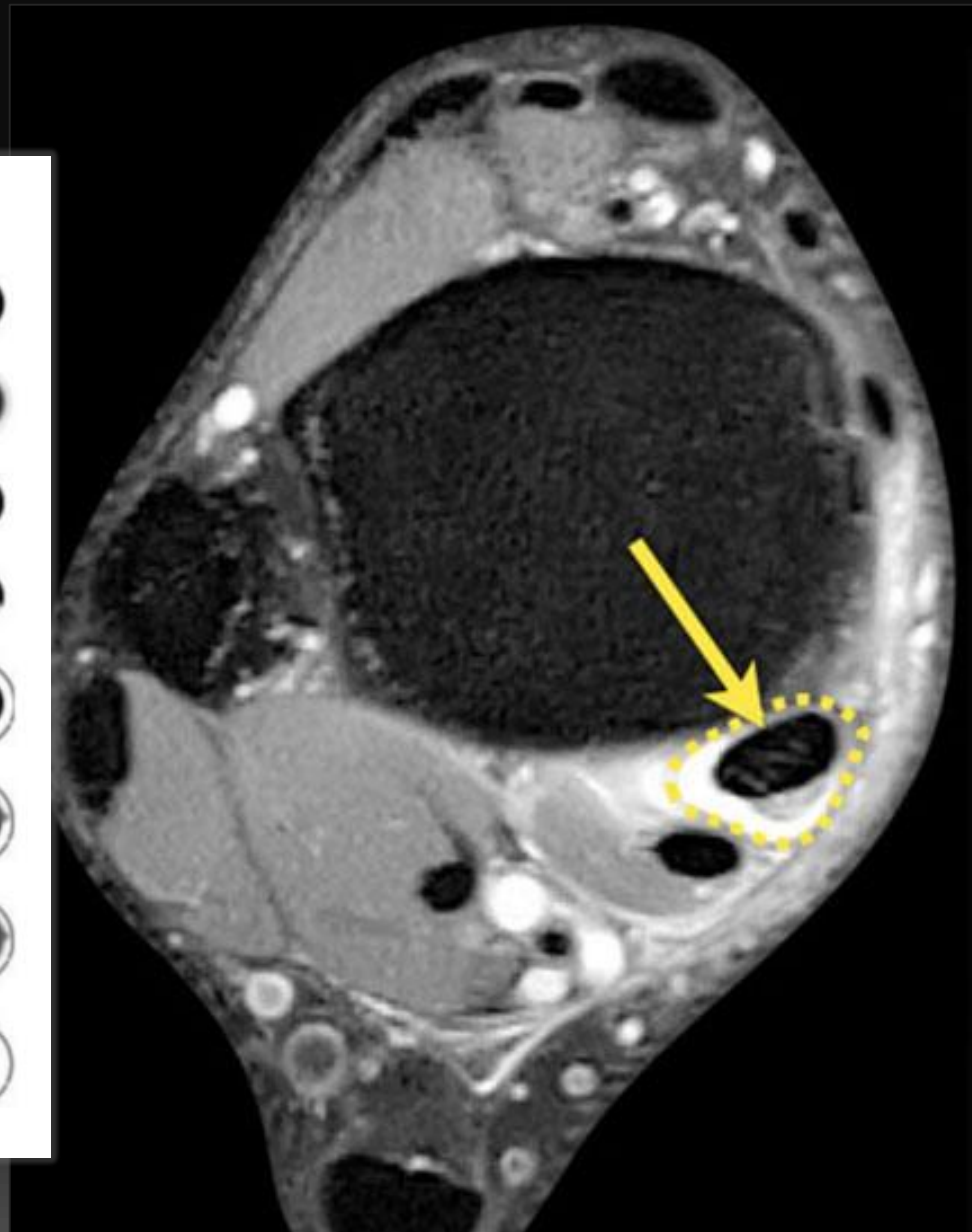
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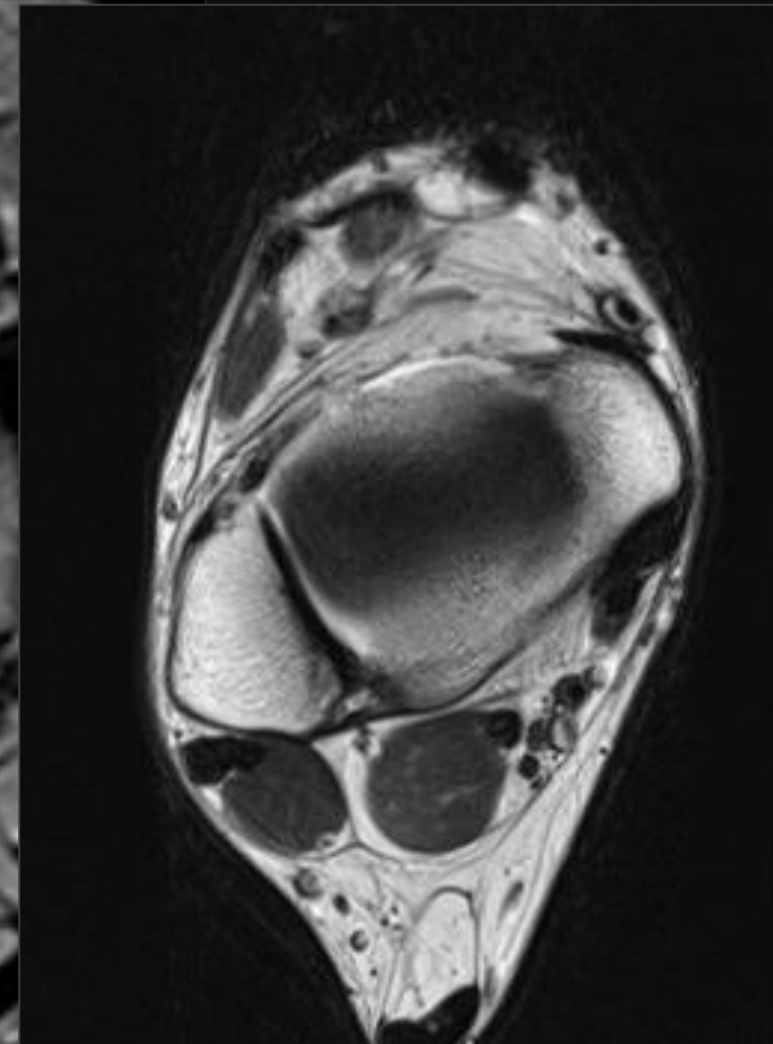
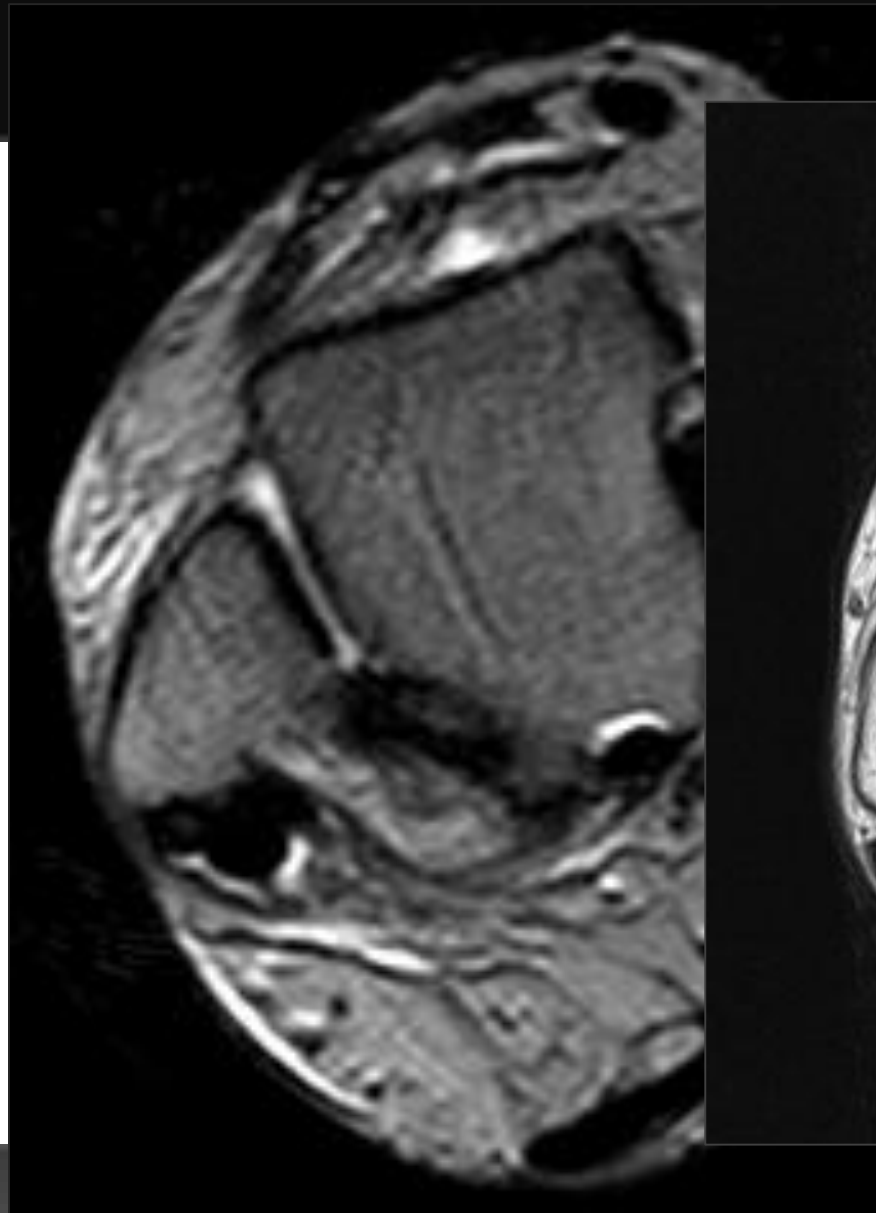
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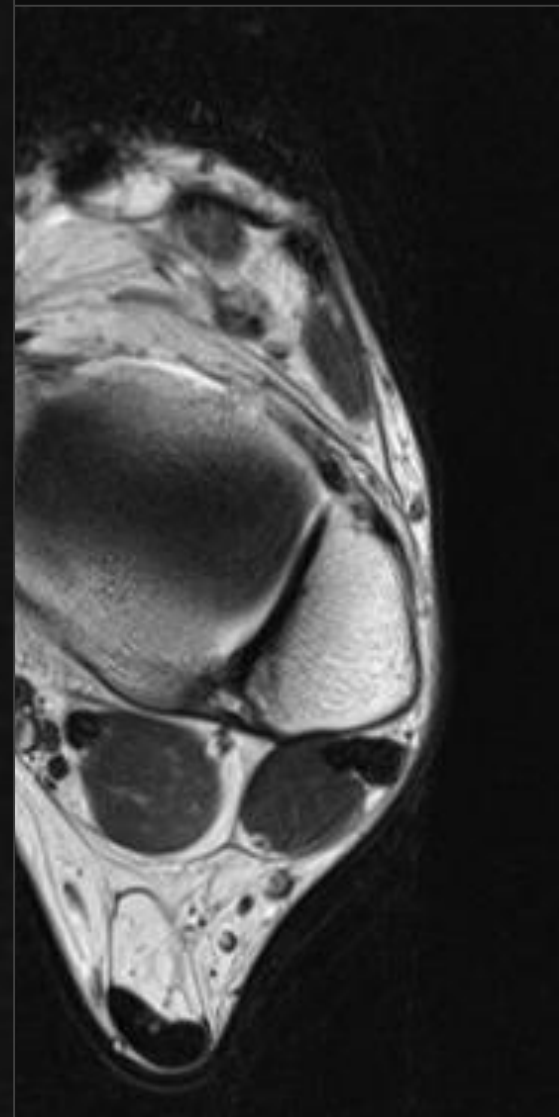
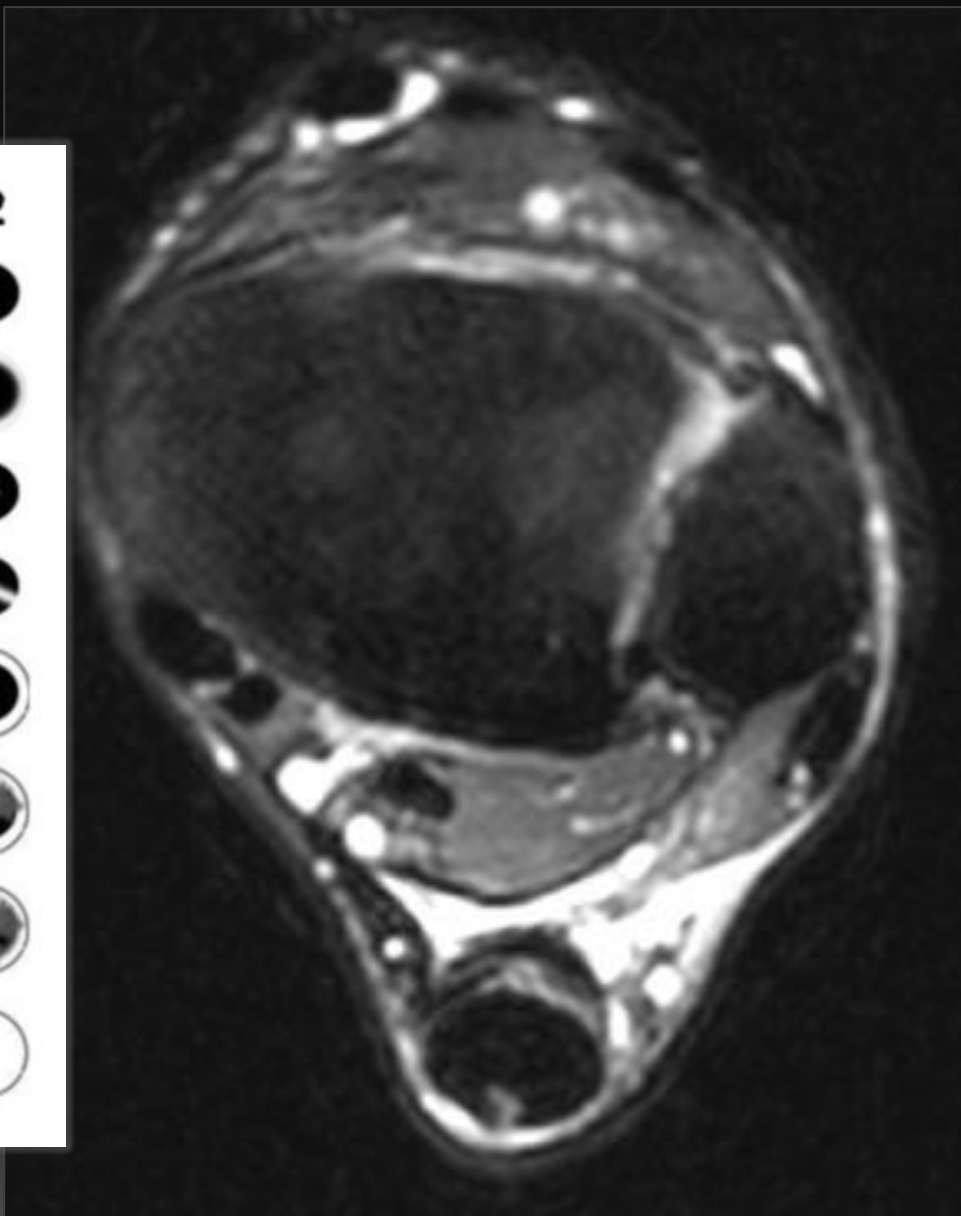
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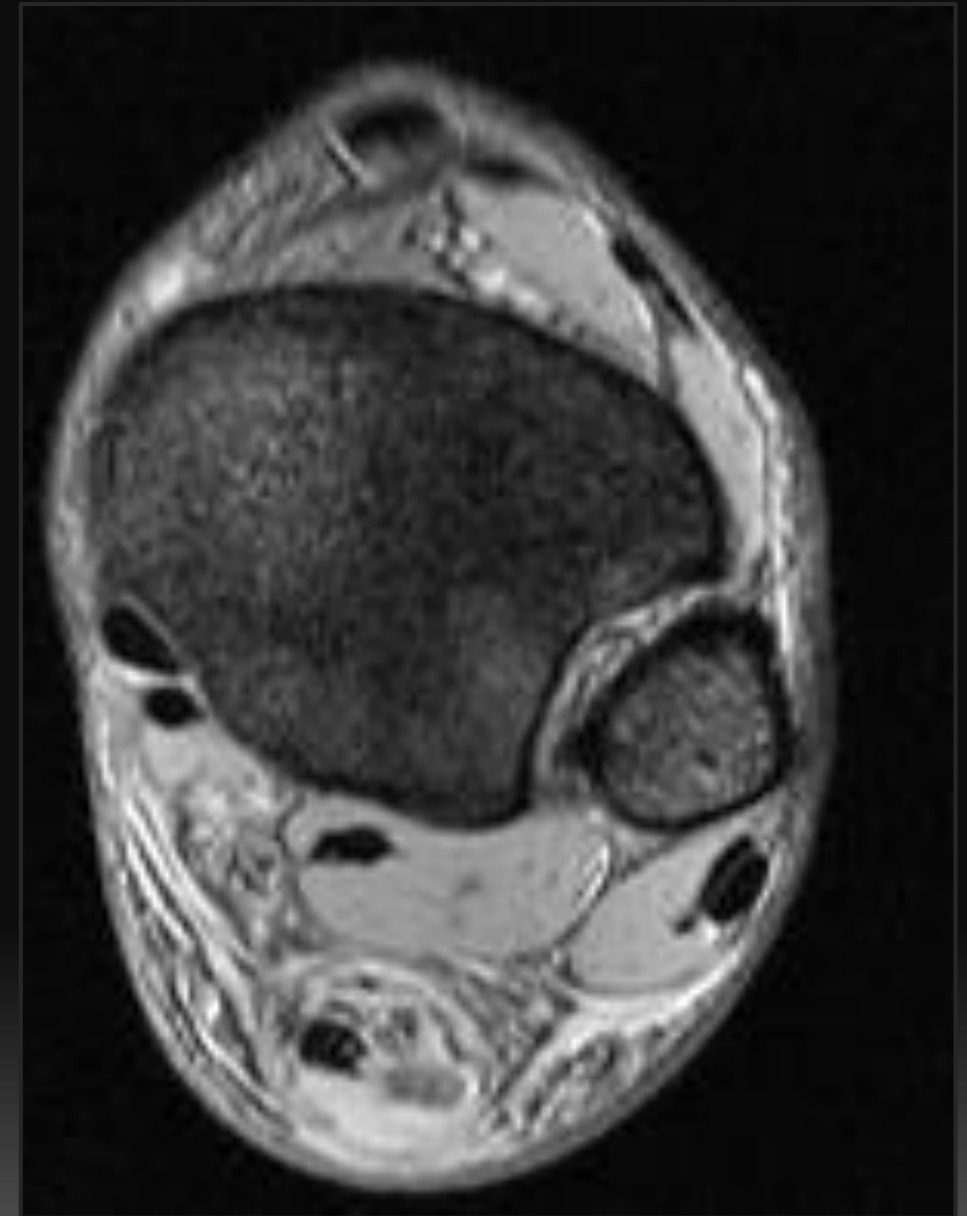
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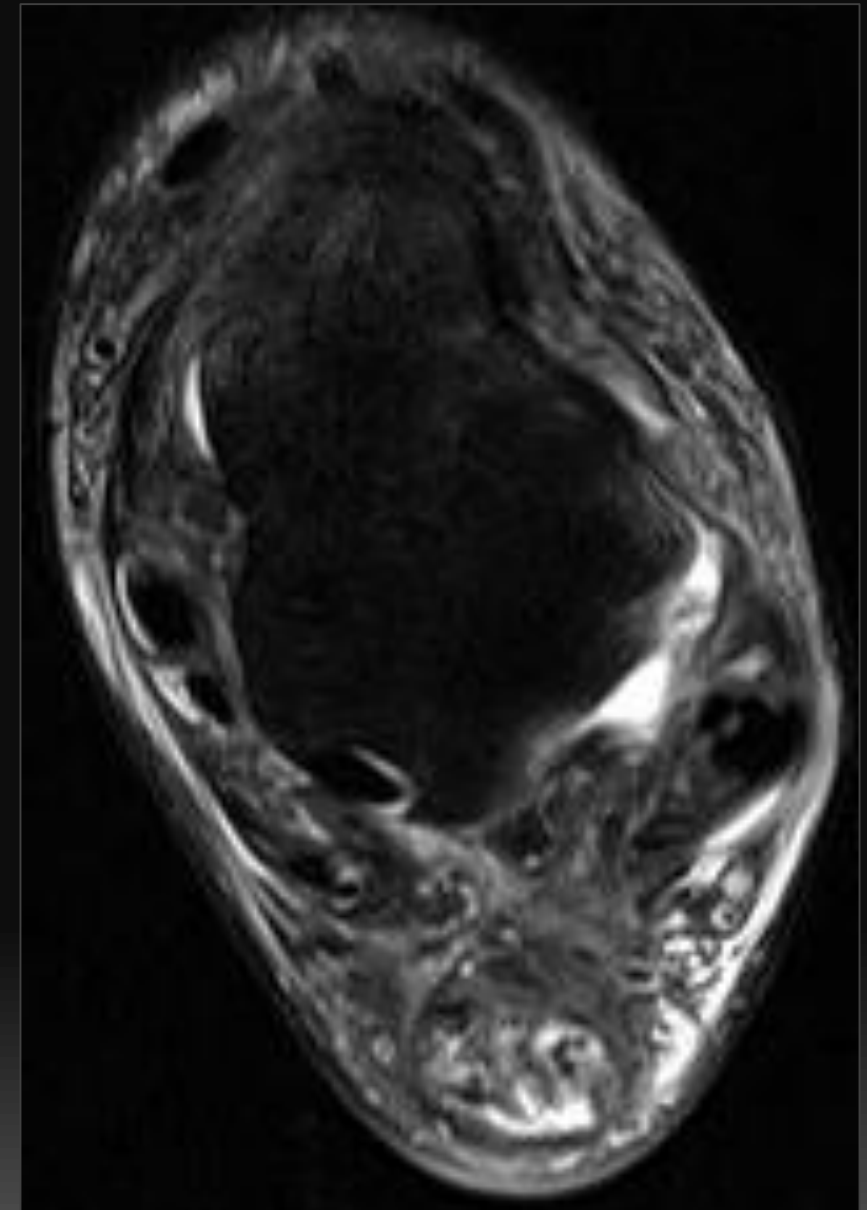
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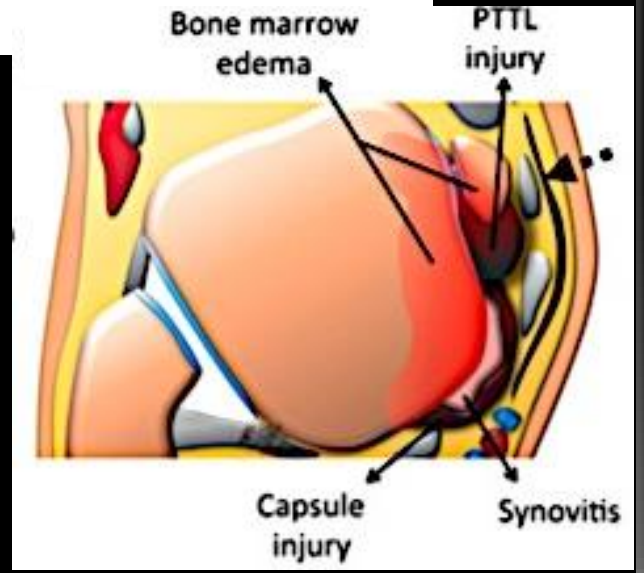
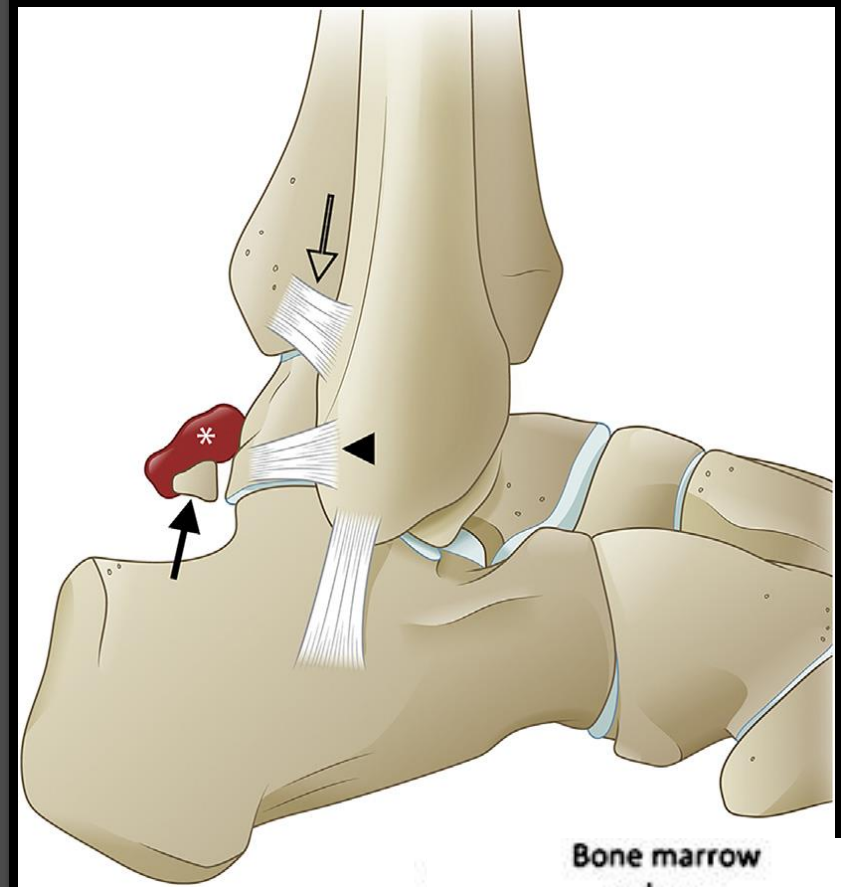
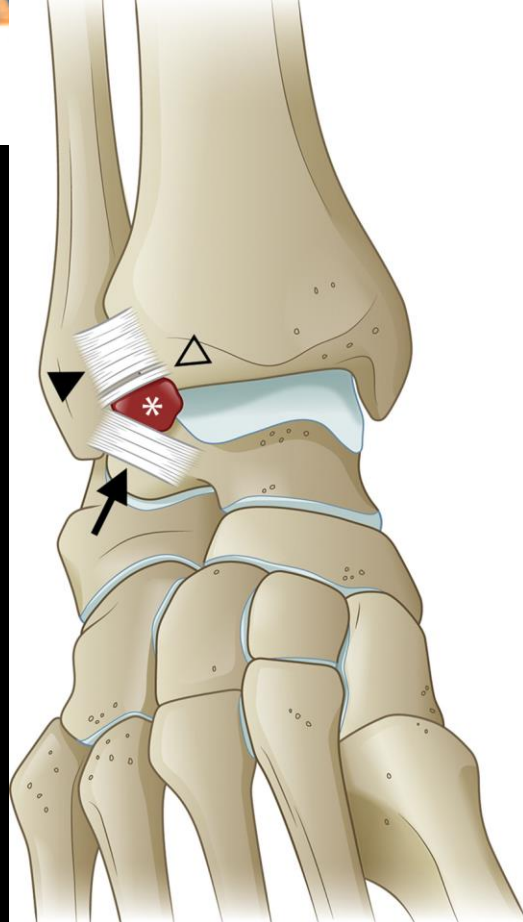
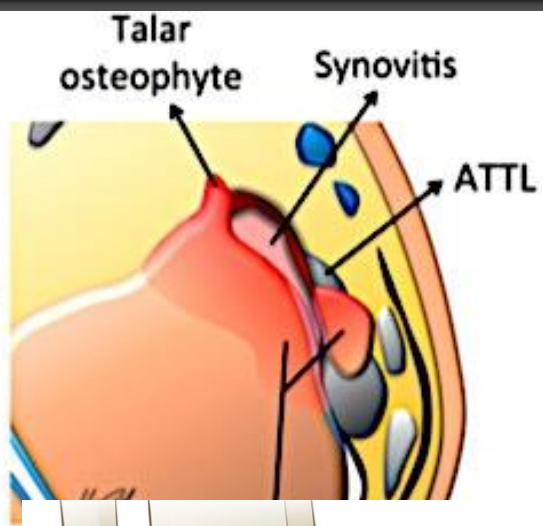
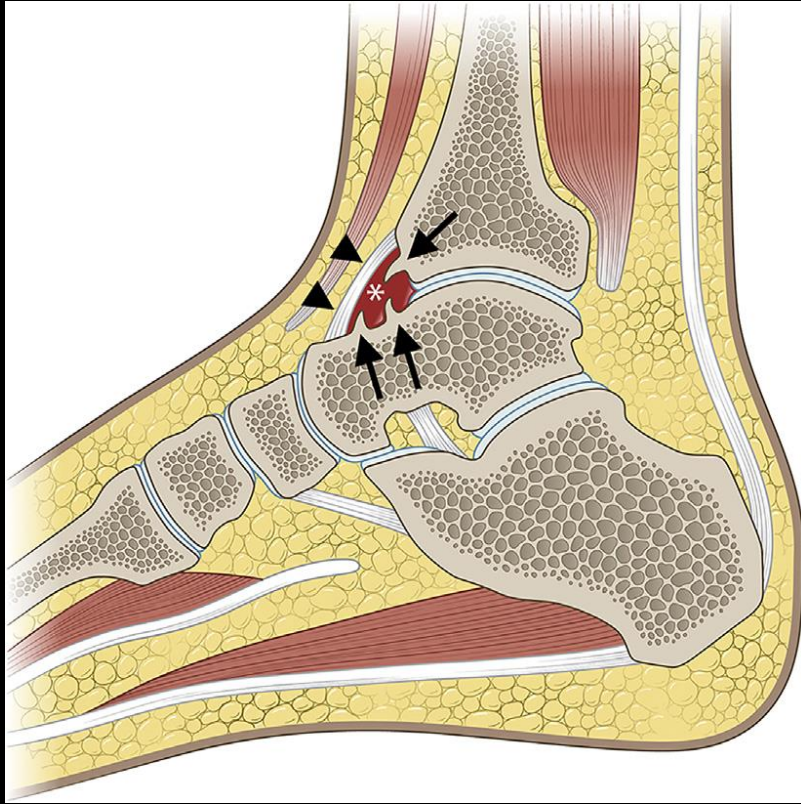


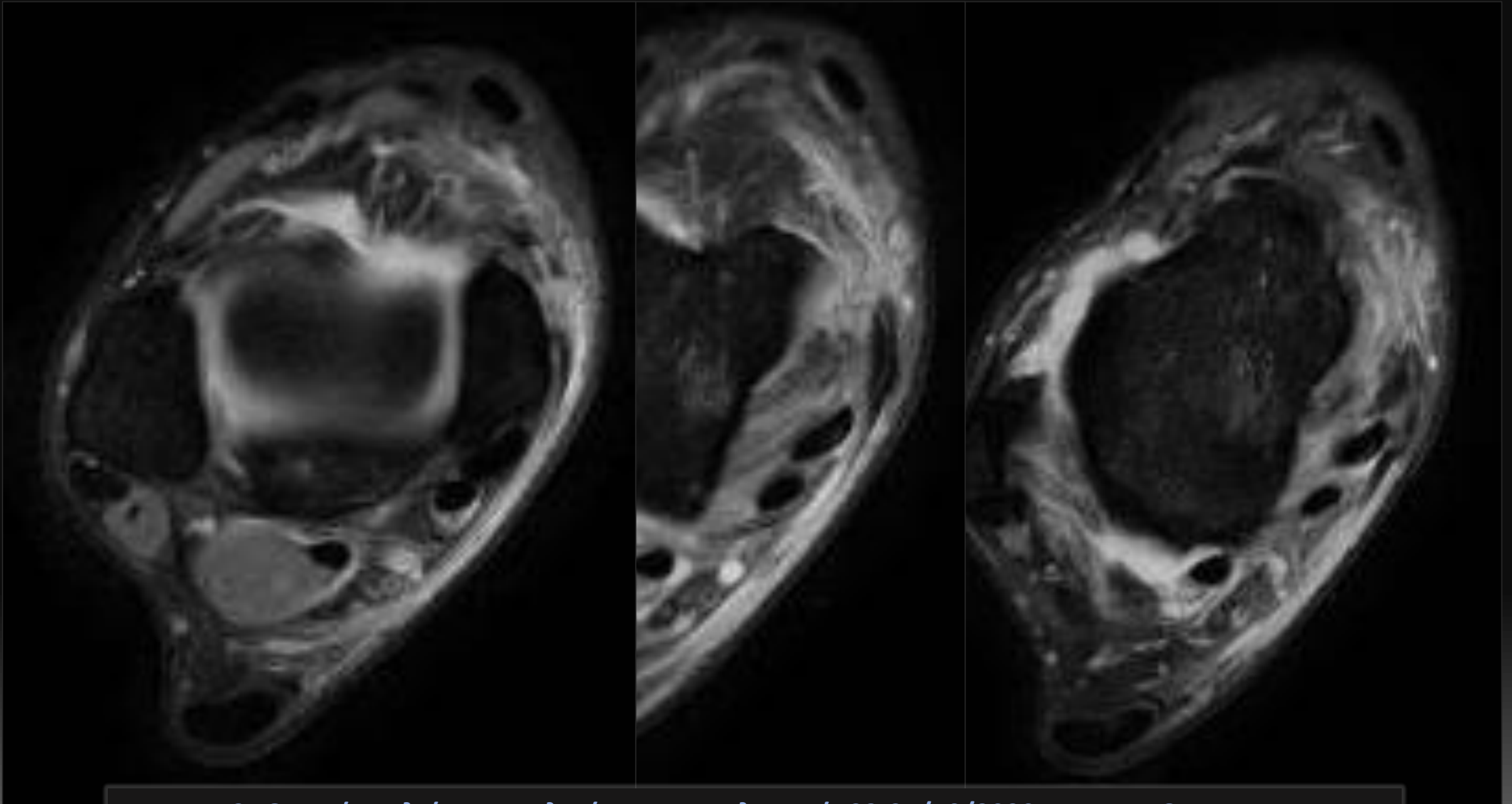
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Ankle Impingement Syndromes

- Anterior impingement syndromes:
 - anterior impingement syndrome,
 - anteromedial impingement syndrome &
 - anterolateral impingement syndrome
- Posterior impingement syndromes:
 - posterior impingement syndrome &
 - posteromedial impingement syndrome
- Extra-articular lateral hindfoot impingement syndromes:
 - talocalcaneal & subfibular impingement



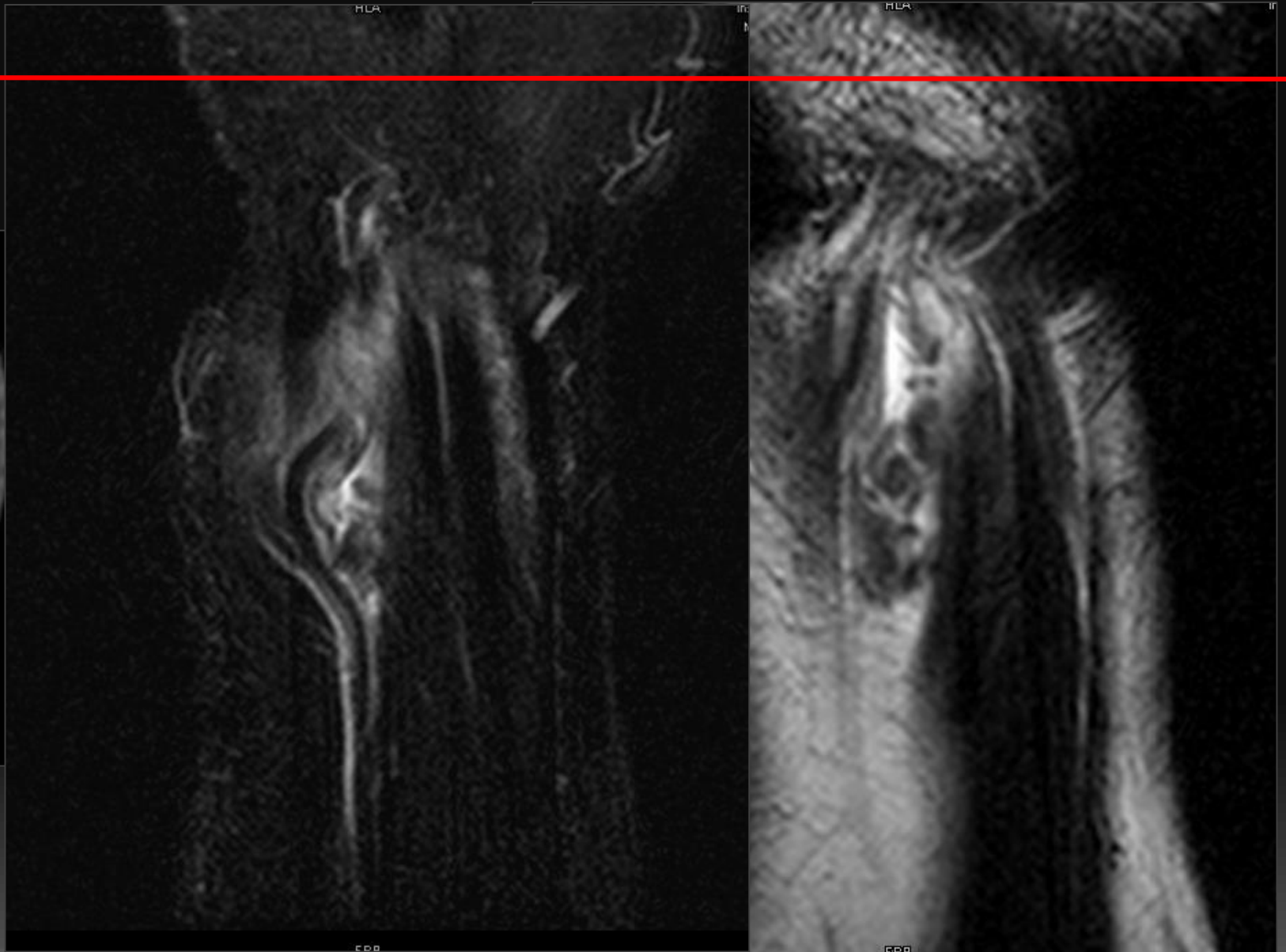
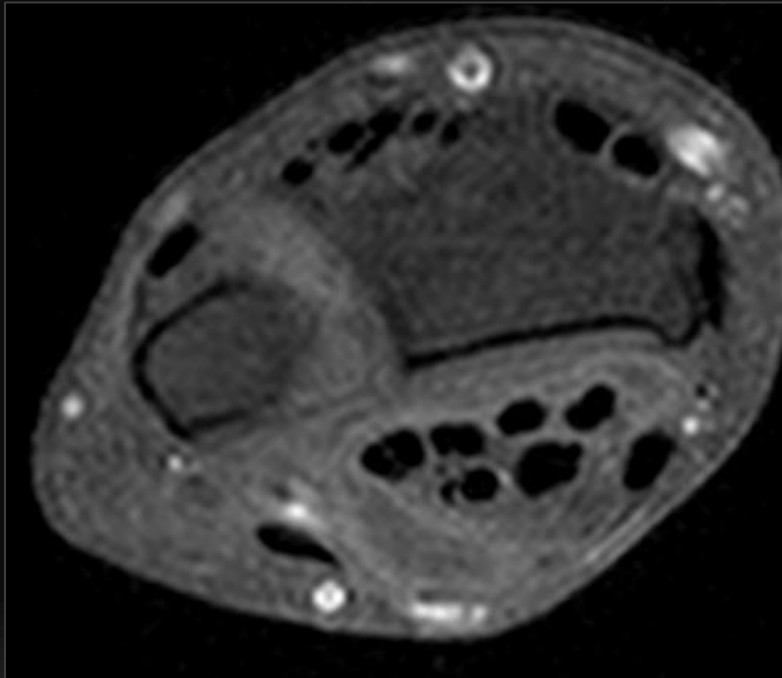


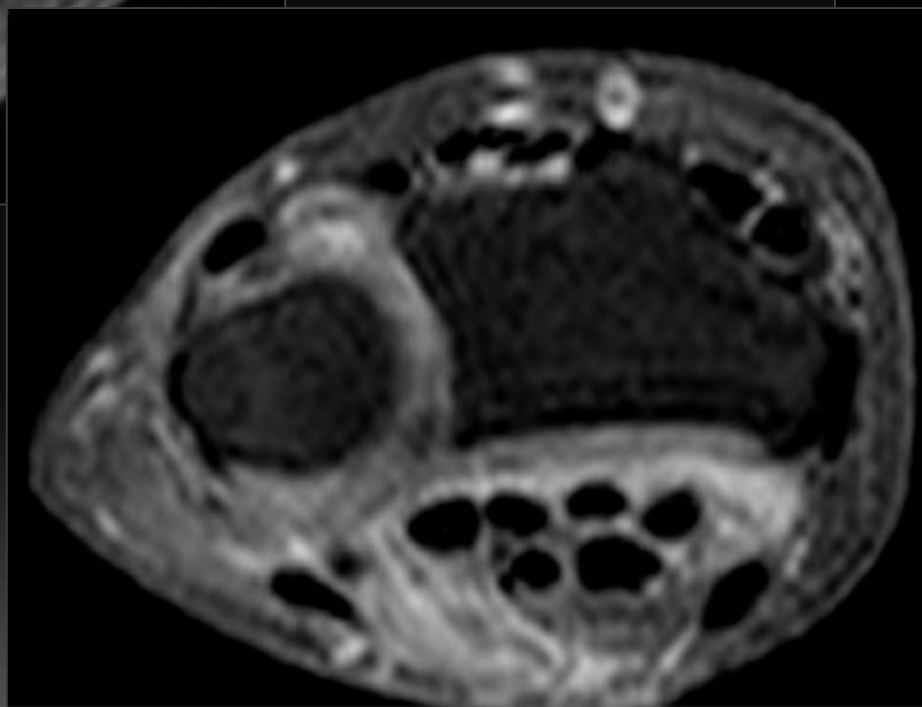
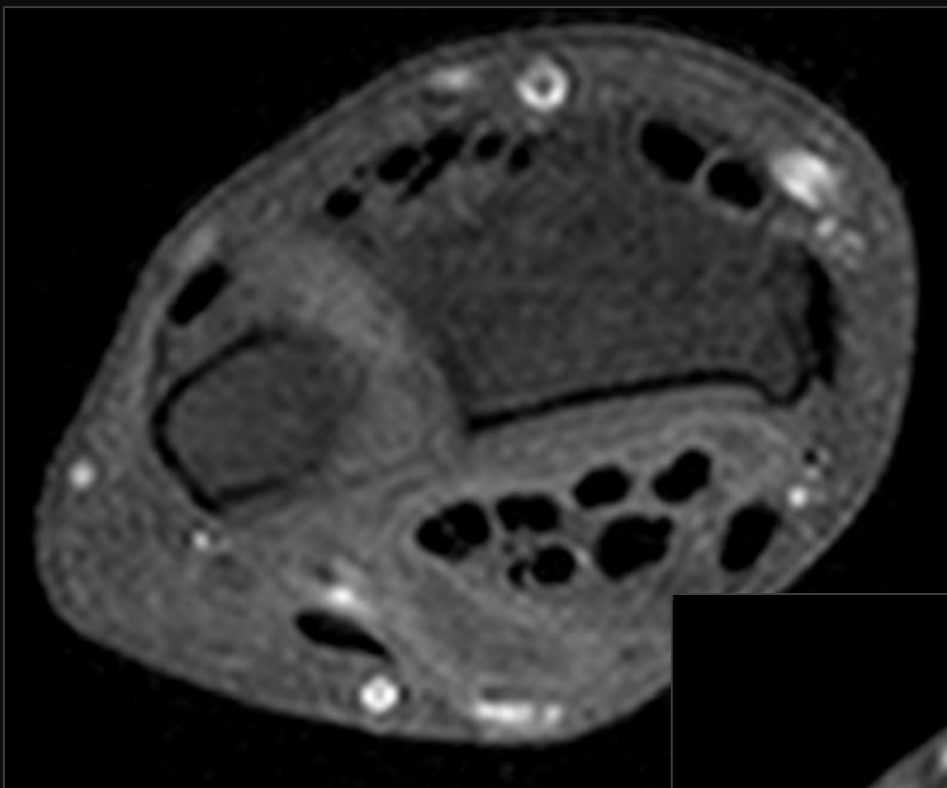
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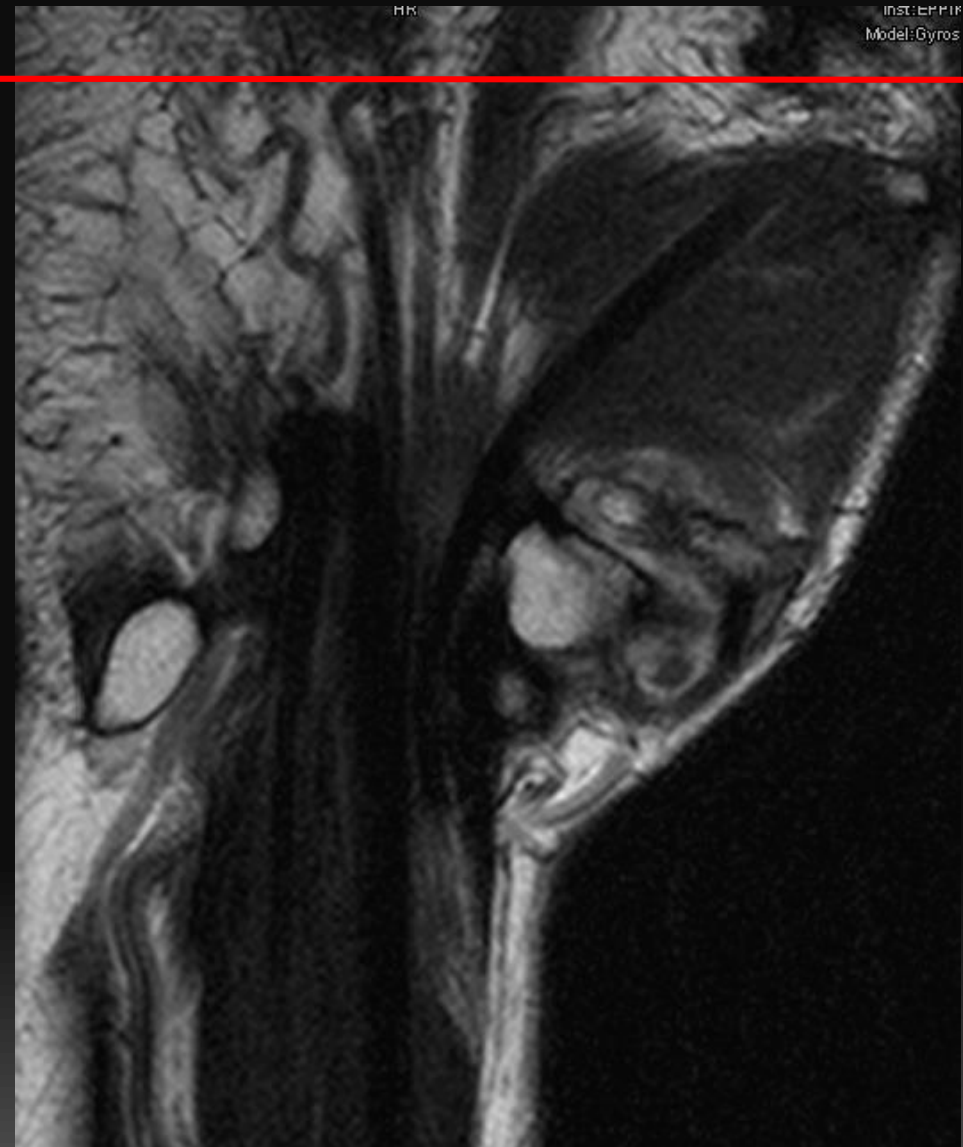
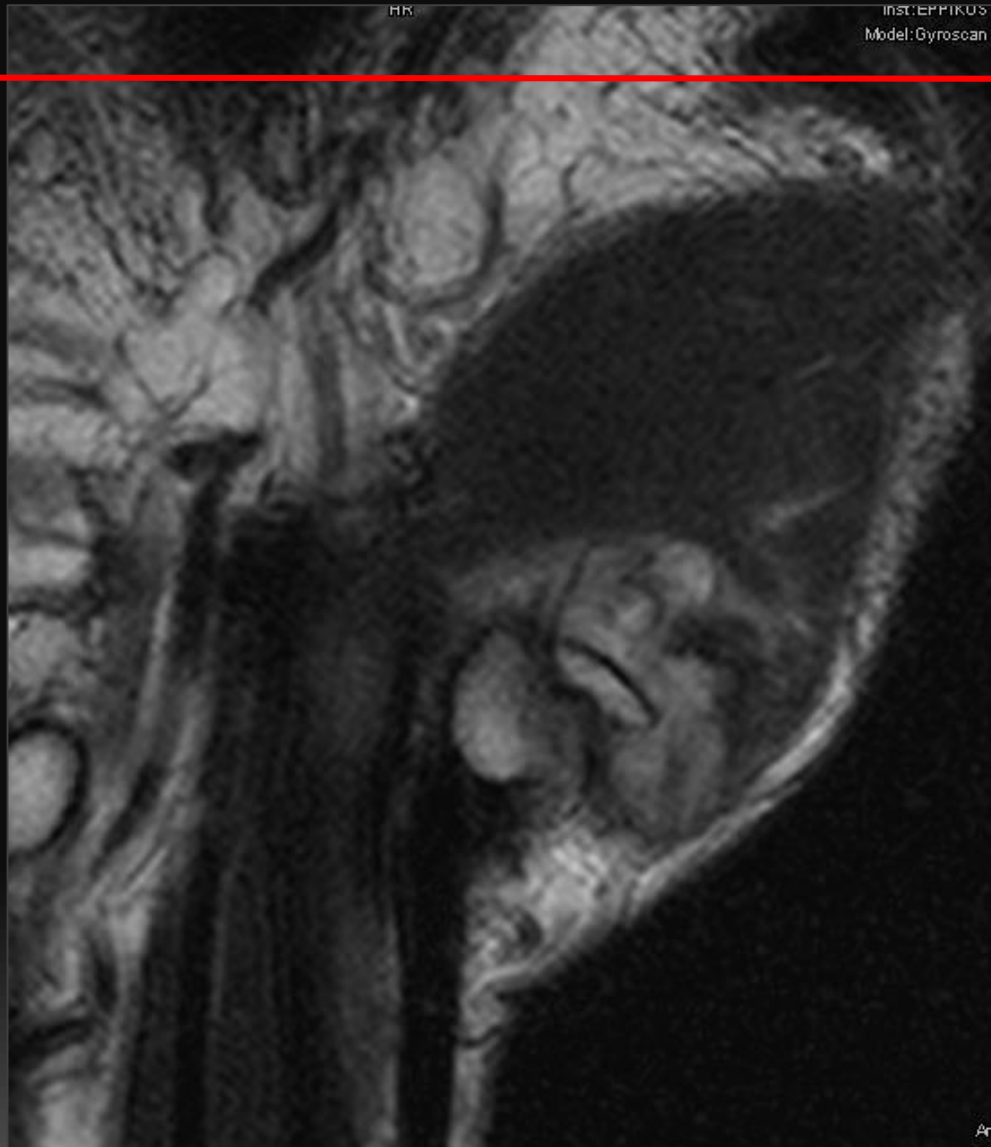


- 45 yo female pt, focal swelling at the volar aspect of the distal forearm



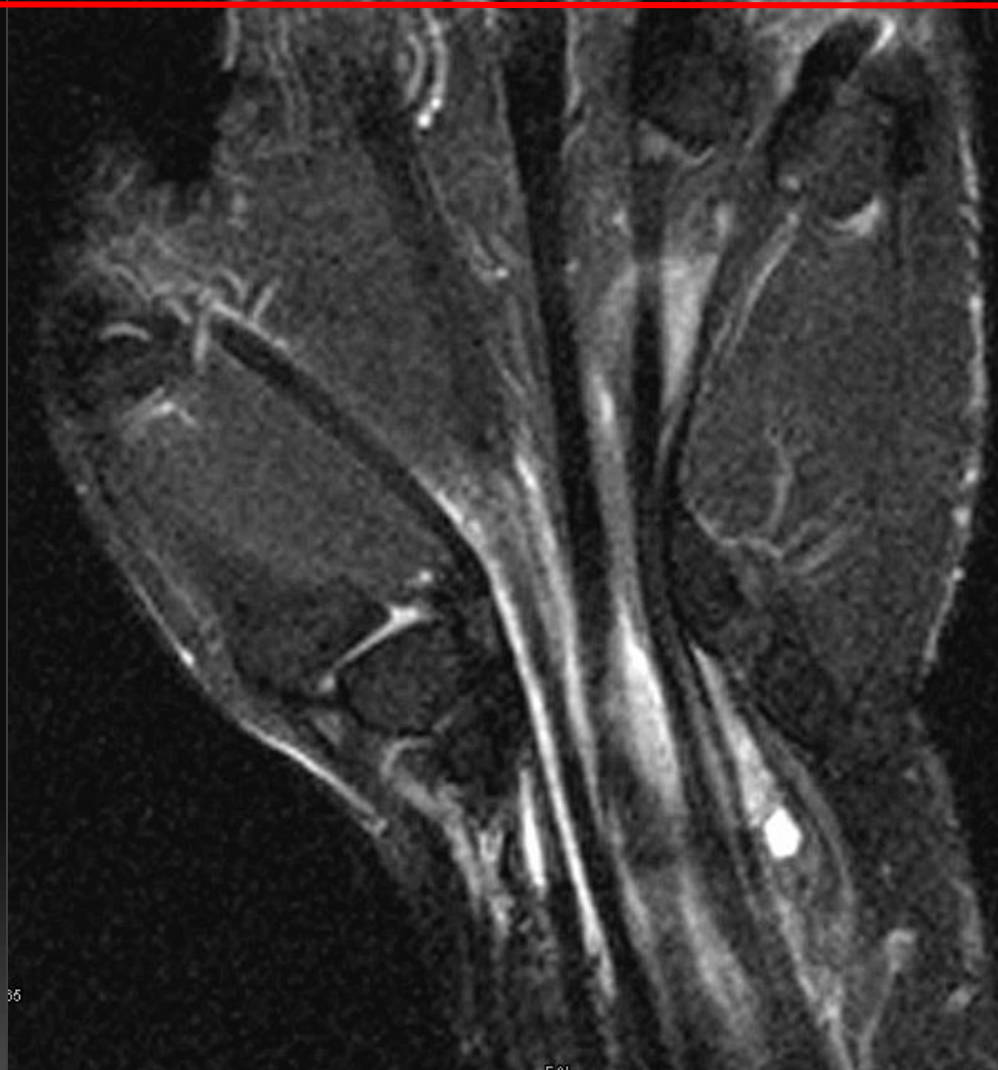


- 47 yo female pt, housewife

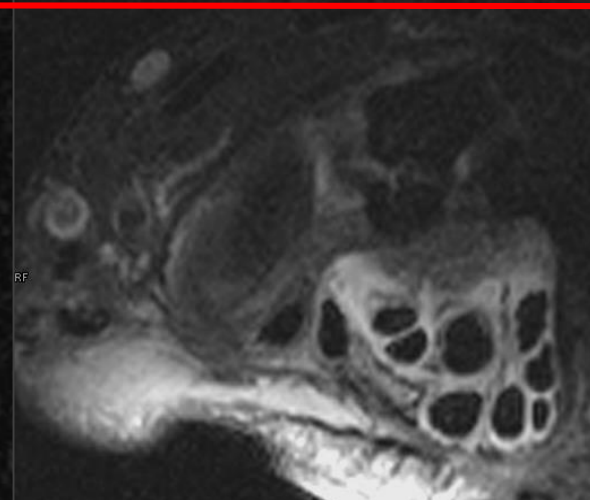


- 47 yo male pt, priest, doing a lot of manual work

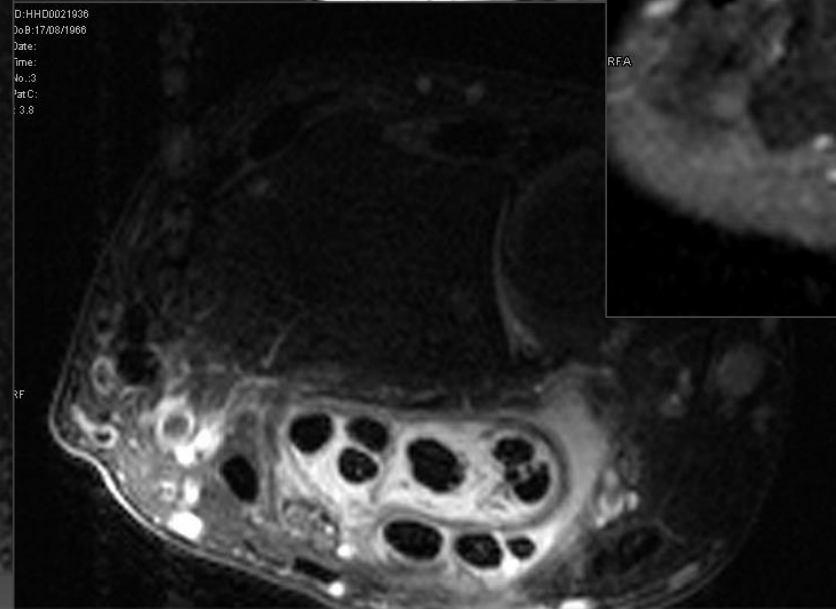
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3/1966



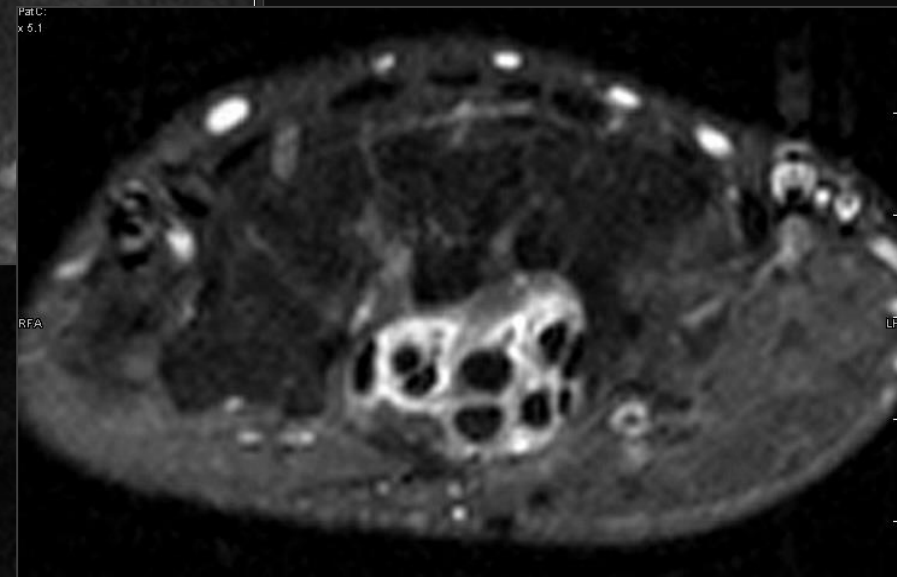
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Pat C:
x 4.1



D:HH00021936
DoB:17/06/1966
Date:
Time:
No.:3
Pat C:
3.8



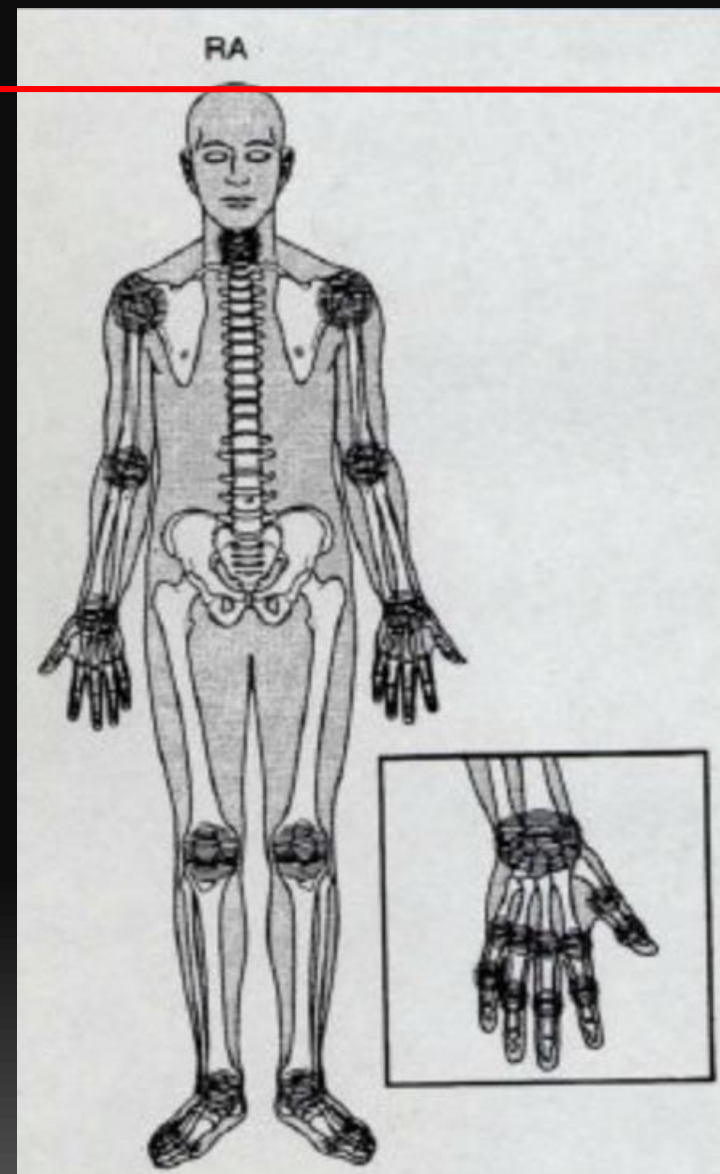
Pat C:
x 5.1



LHP

• Rheumatoid Arthritis

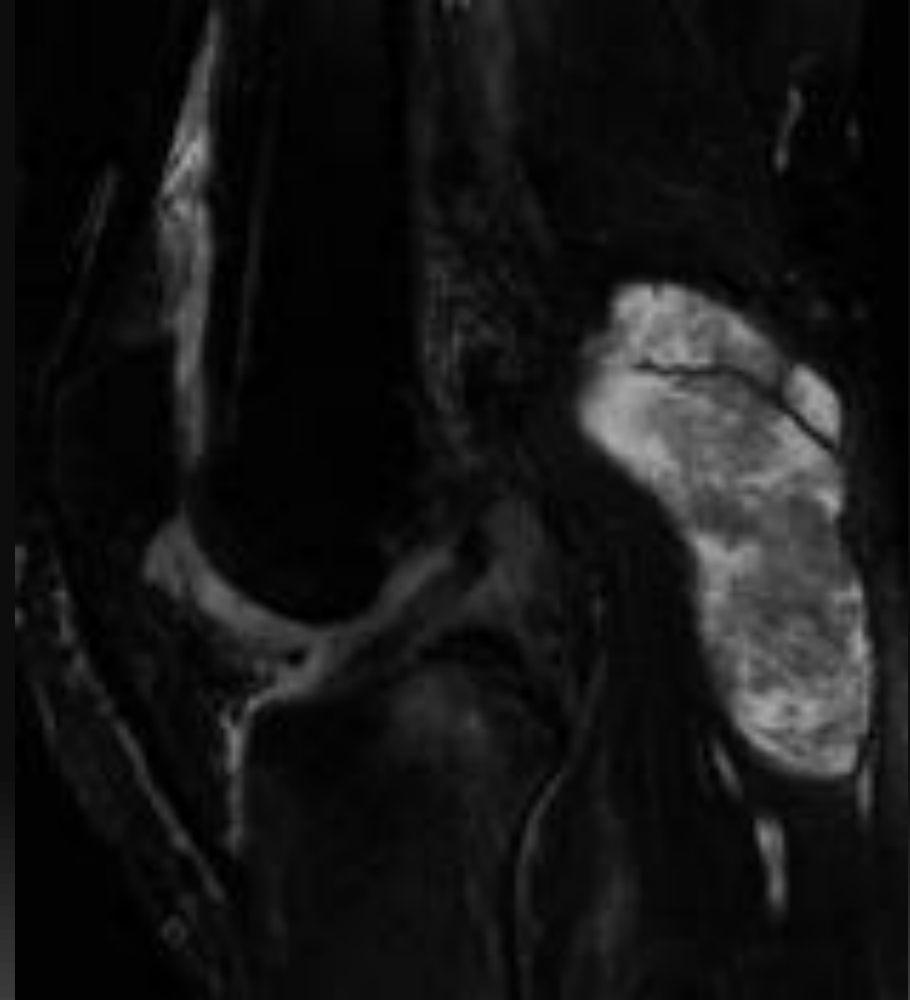
- Hyperhemia
- Synovitis
- Joint effusions
- Periarticular osteoporosis
- Bone marrow changes
- Joint space narrowing
- Subarticular cysts - erosions
- Pannus formation
- Intraarticular loose bodies
- Soft tissue oedema & atrophy

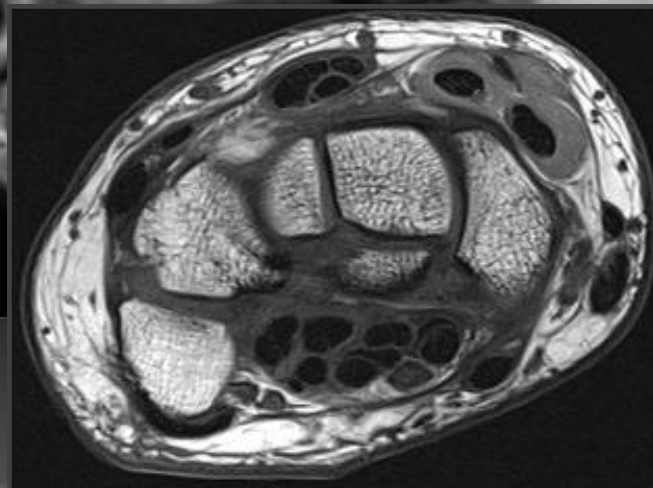
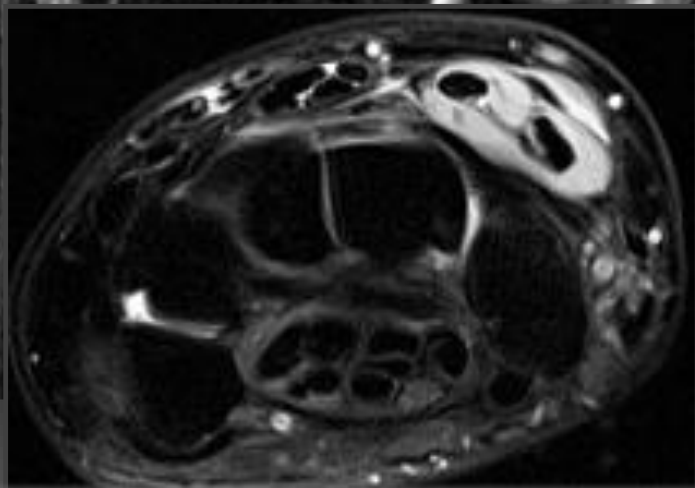
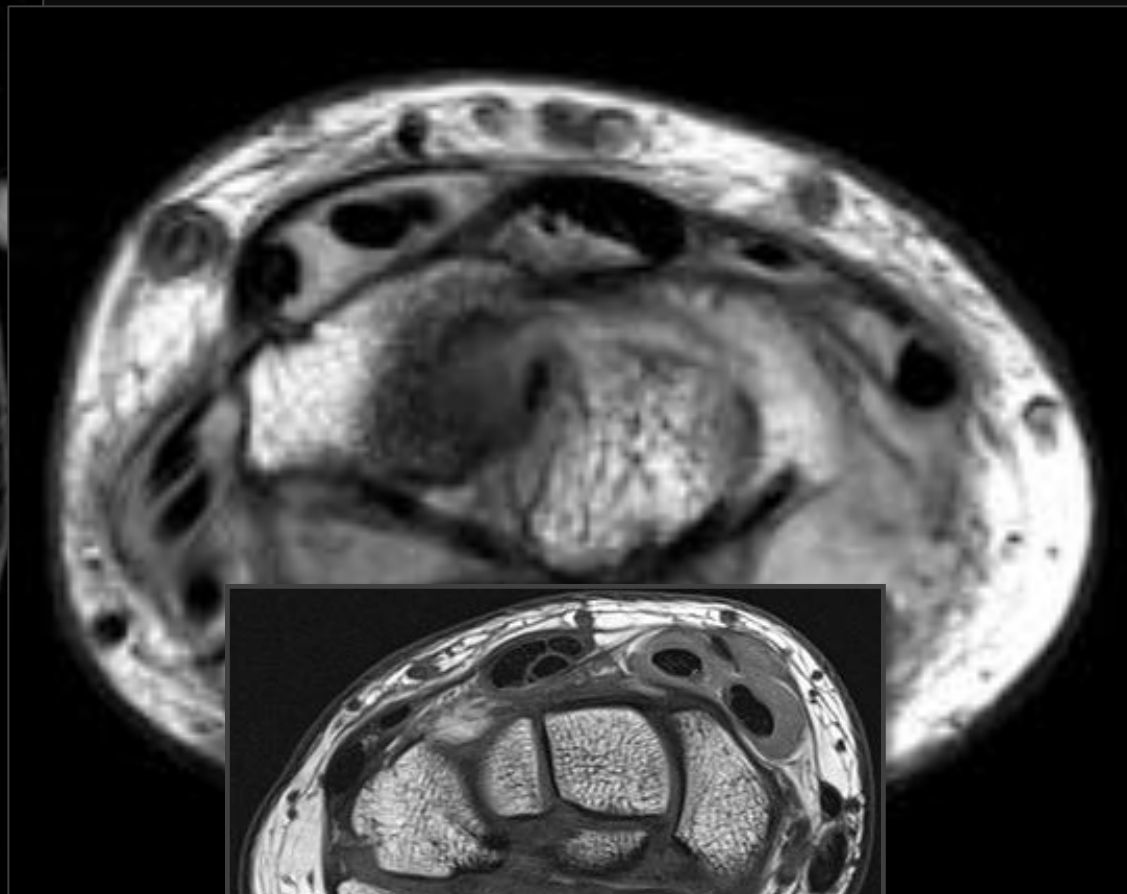
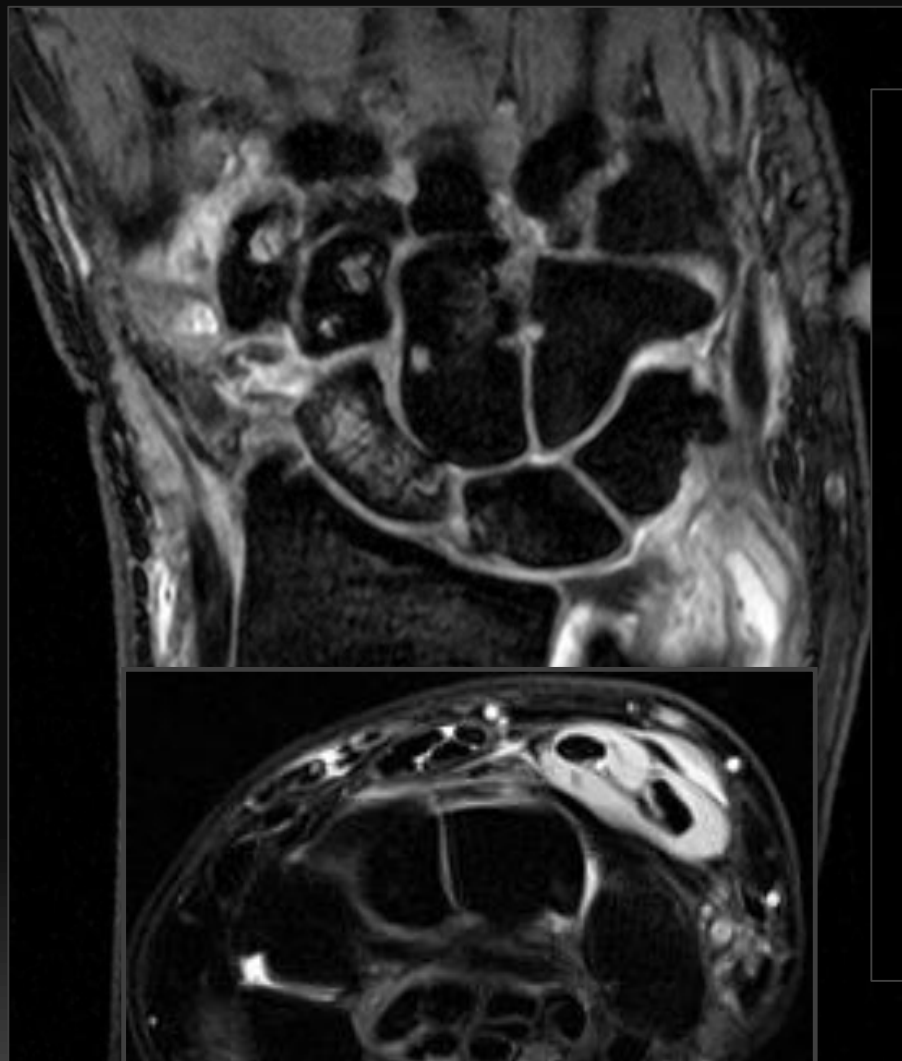


- **Hyperemia**
- **Synovitis**
- Joint effusions
- Periarticular osteoporosis
- Bone marrow changes
- Joint space narrowing
- Subarticular cysts - erosions
- Pannus formation
- Intraarticular loose bodies
- Soft tissue oedema & atrophy



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- **Synovitis**
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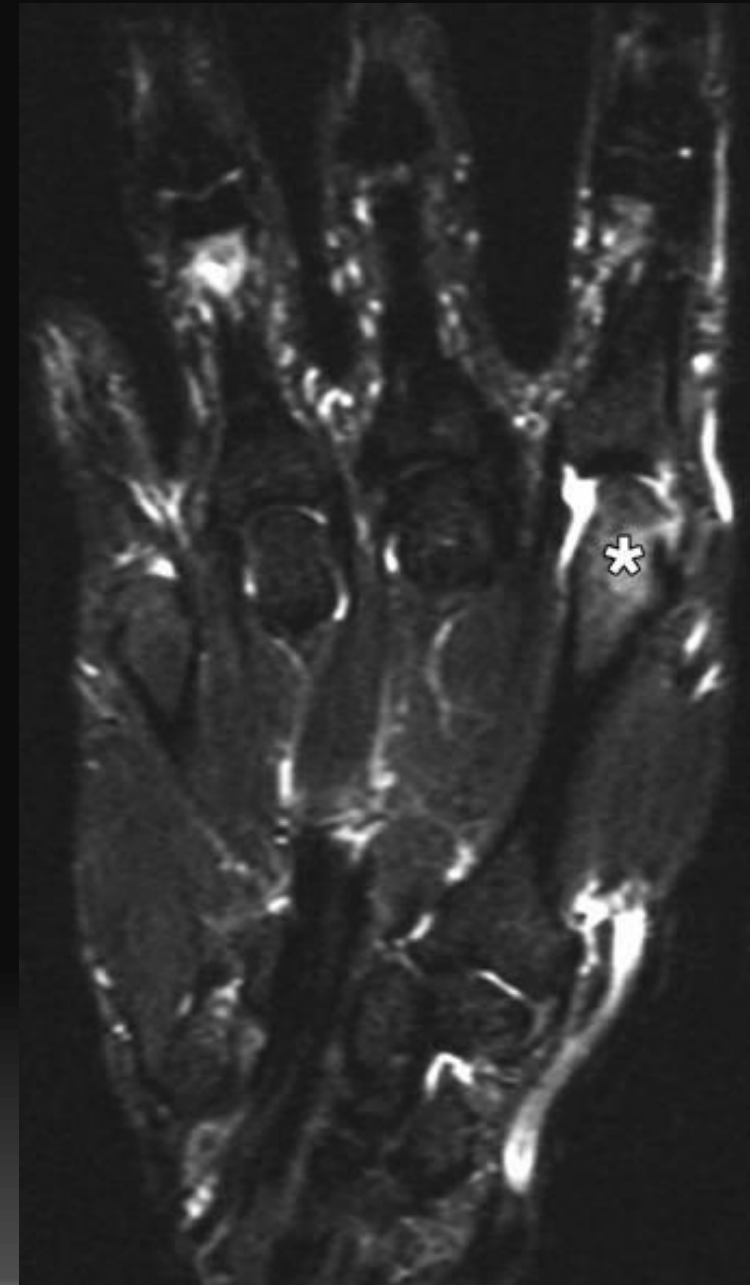




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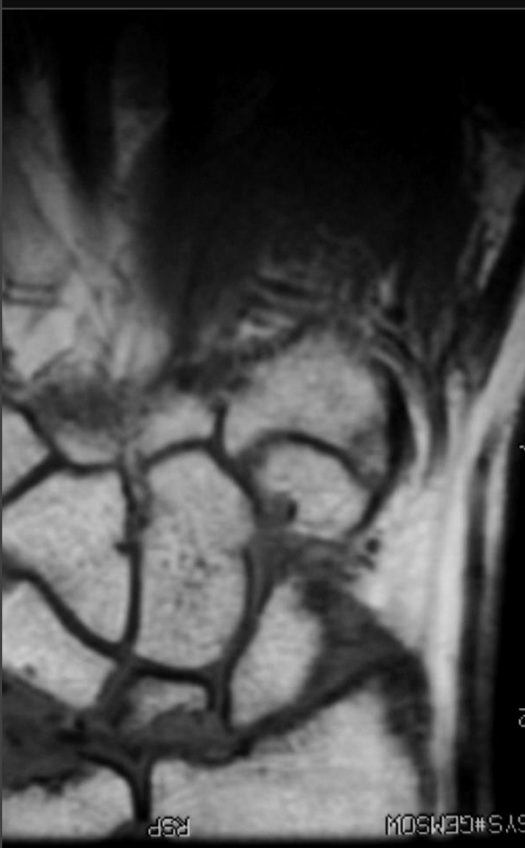
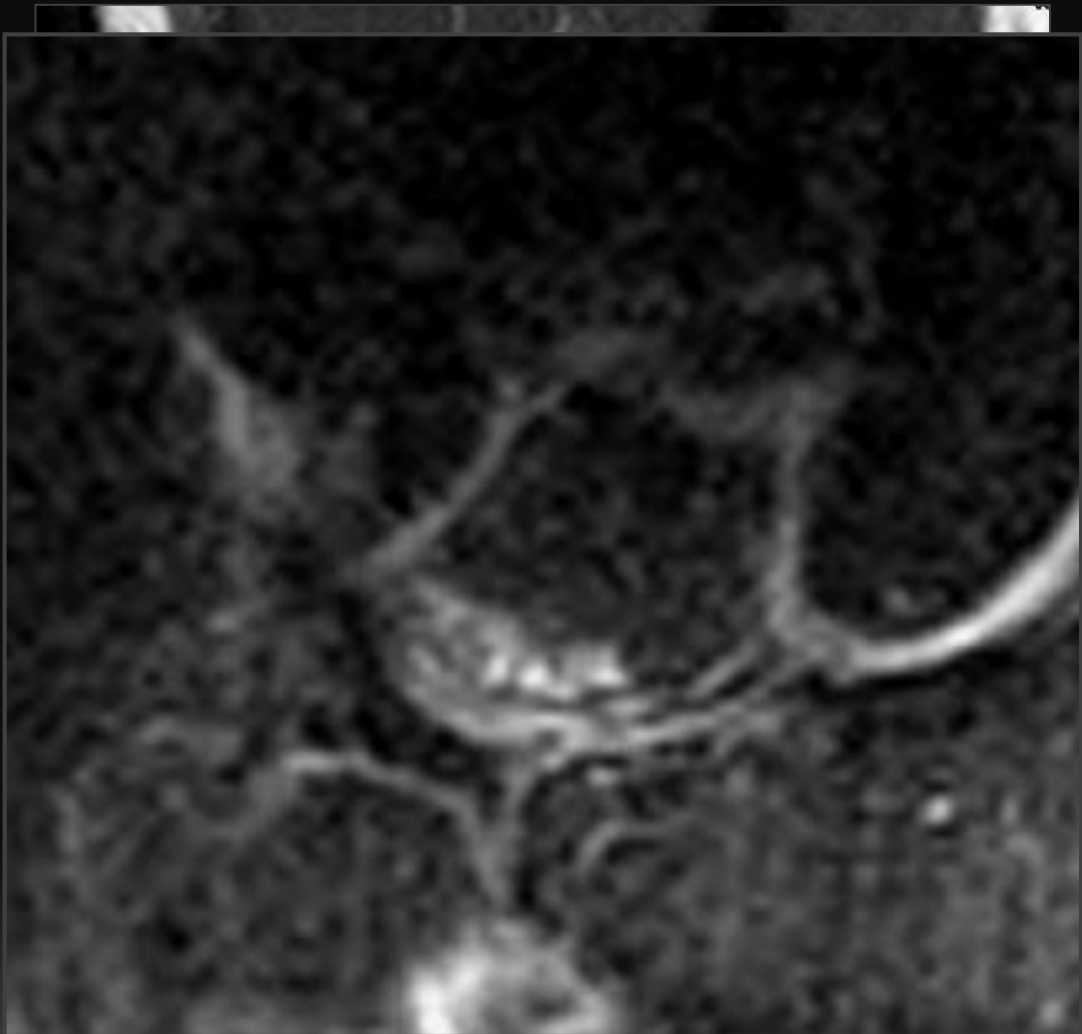


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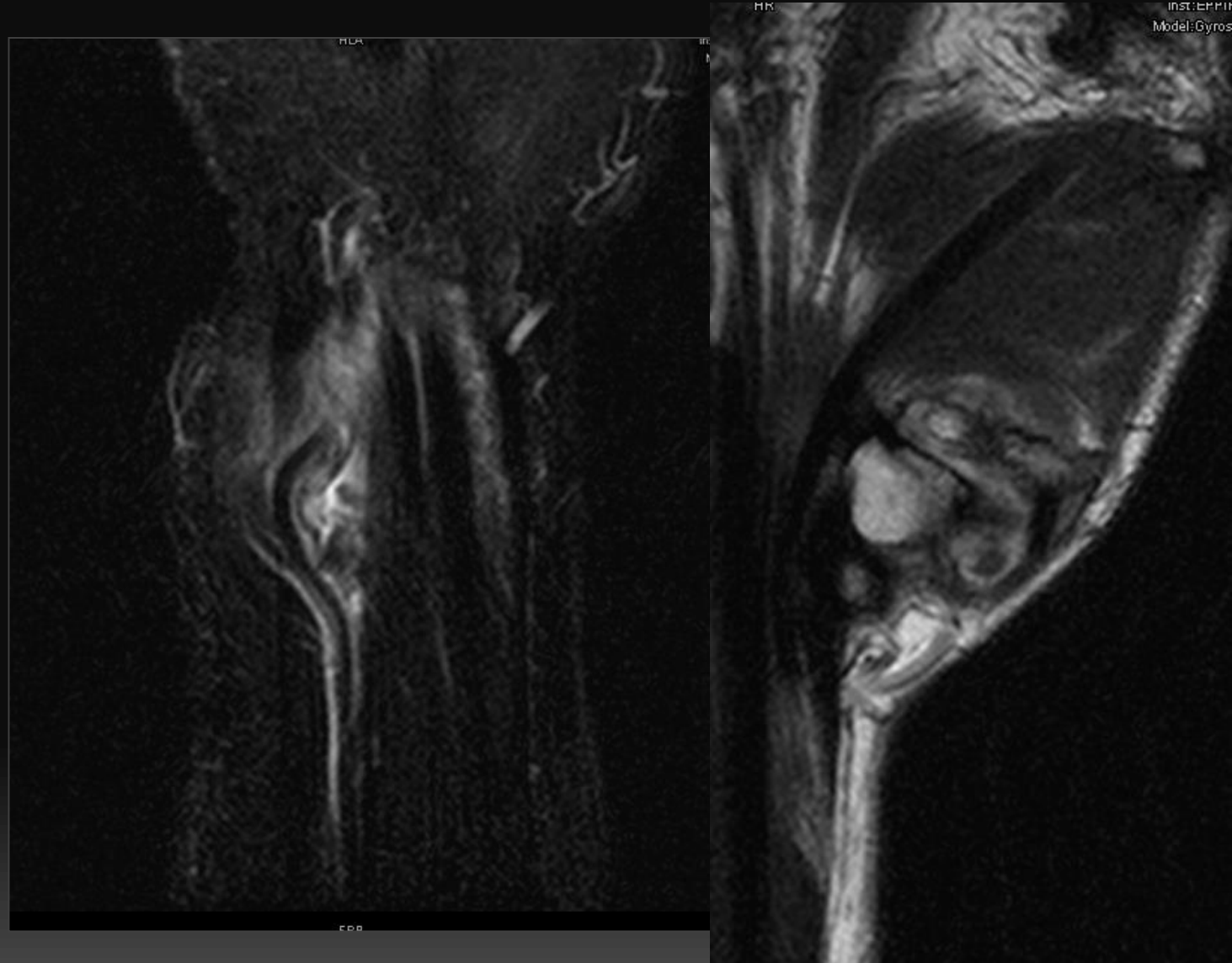


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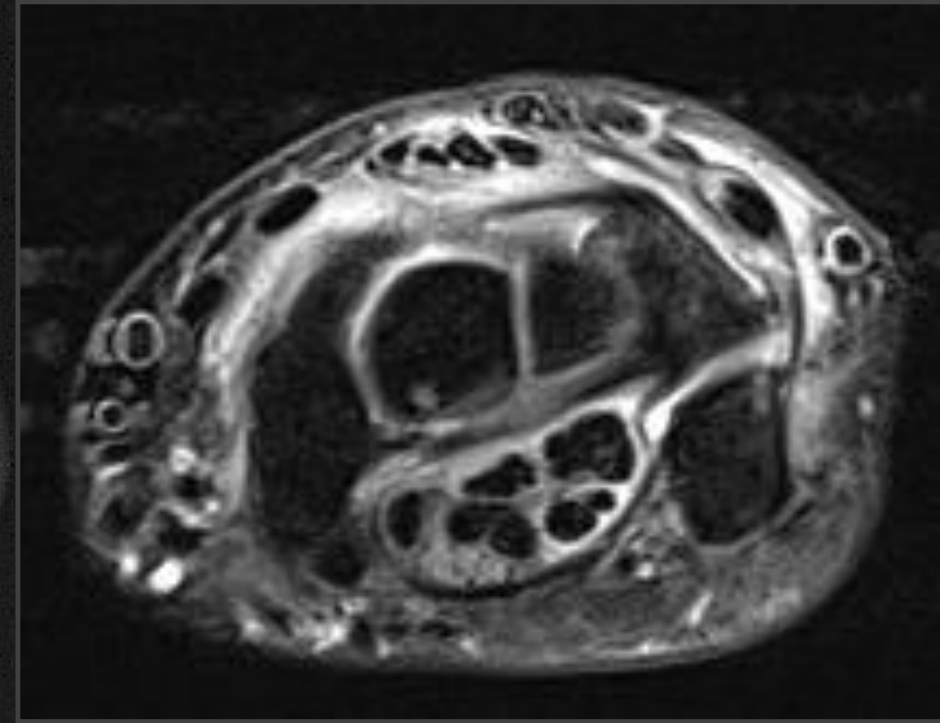




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- **Intraarticular loose bodies**
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- Intraarticular loose bodies
- **Soft tissue oedema & atrophy**





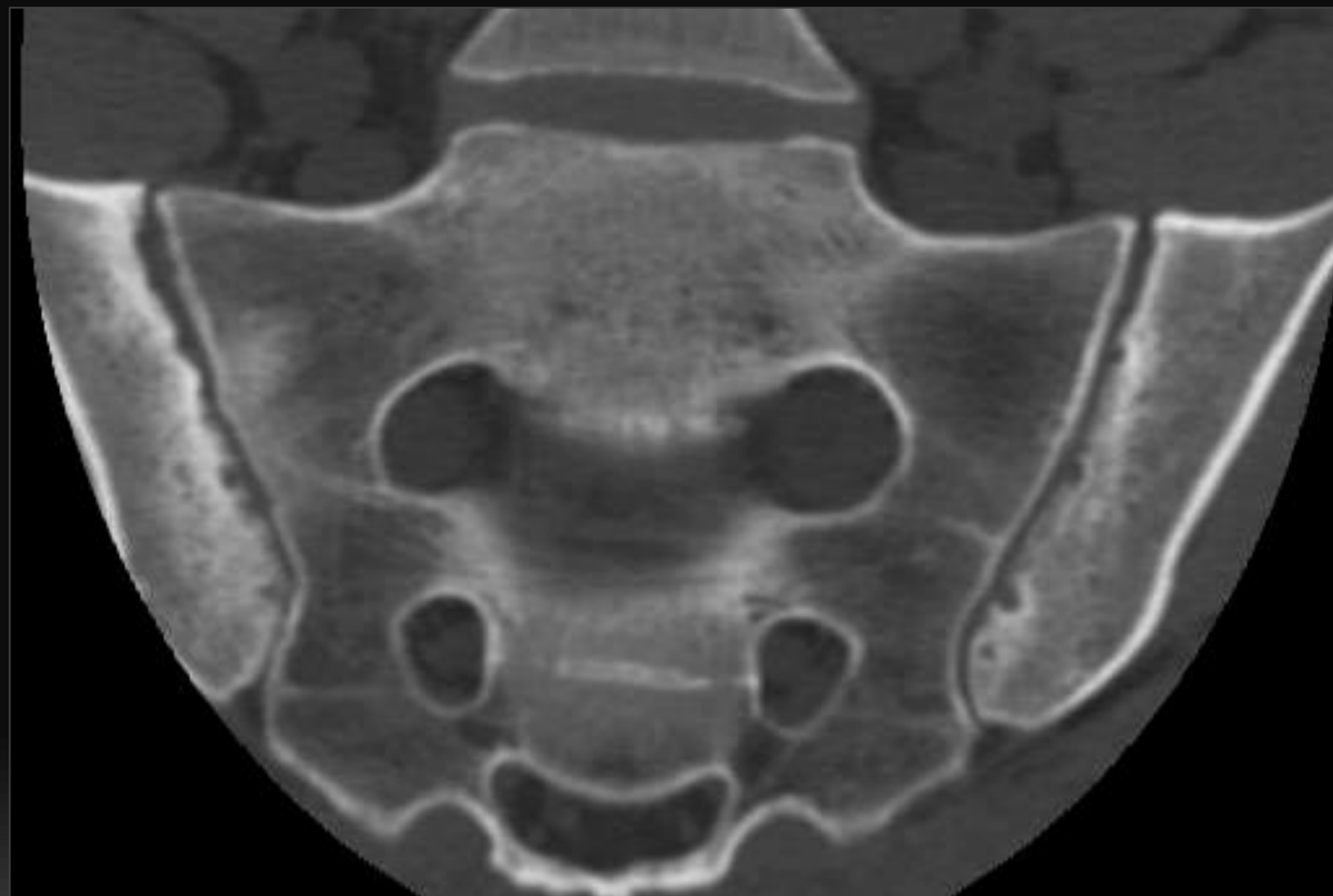
- 33 yo female pt, low back - gluteal pain

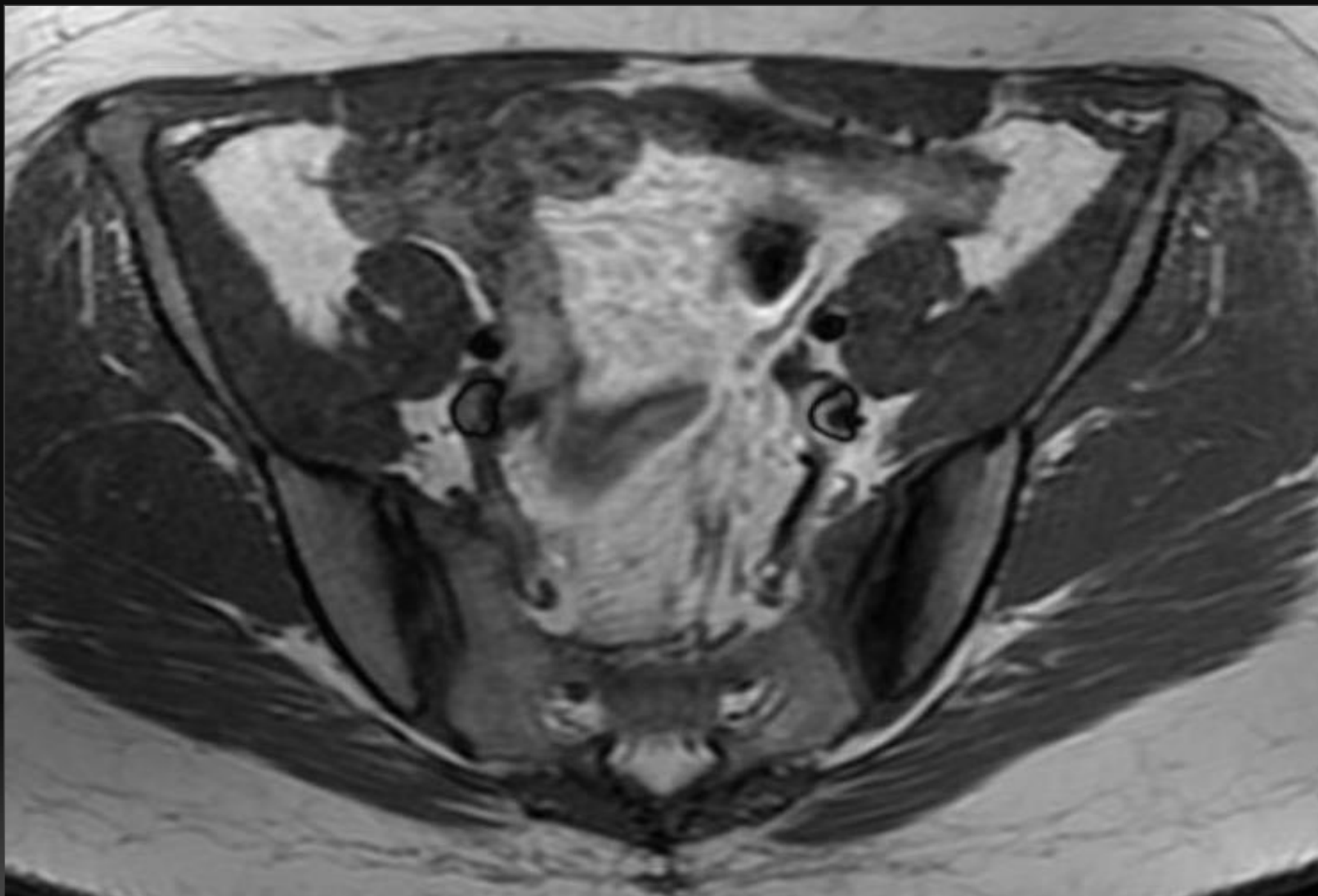


➤ **Osteitis condensas ilii**

- **benign sclerosis of the ilium adjacent to the SIJs (articular part)**
- **typically bilateral, symmetrical and triangular in shape**
- **unknown underlying etiology (mechanical stress? Idiopathic?)**
- **incidental finding on XRs - low back pain**
- **predominantly in women of childbearing age in the prepartum or postpartum period, also present in nulliparous women and men**
- **D/D sacroiliitis, SIJ OA**



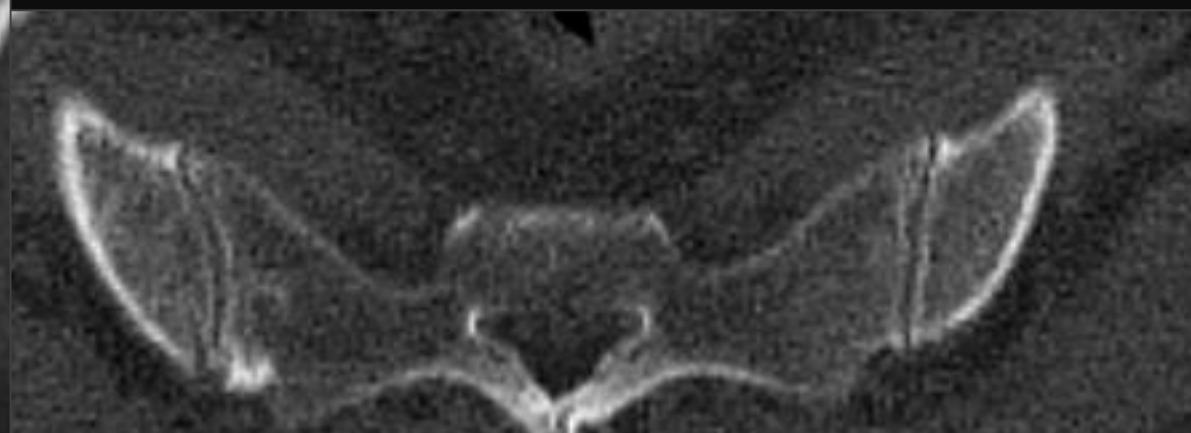
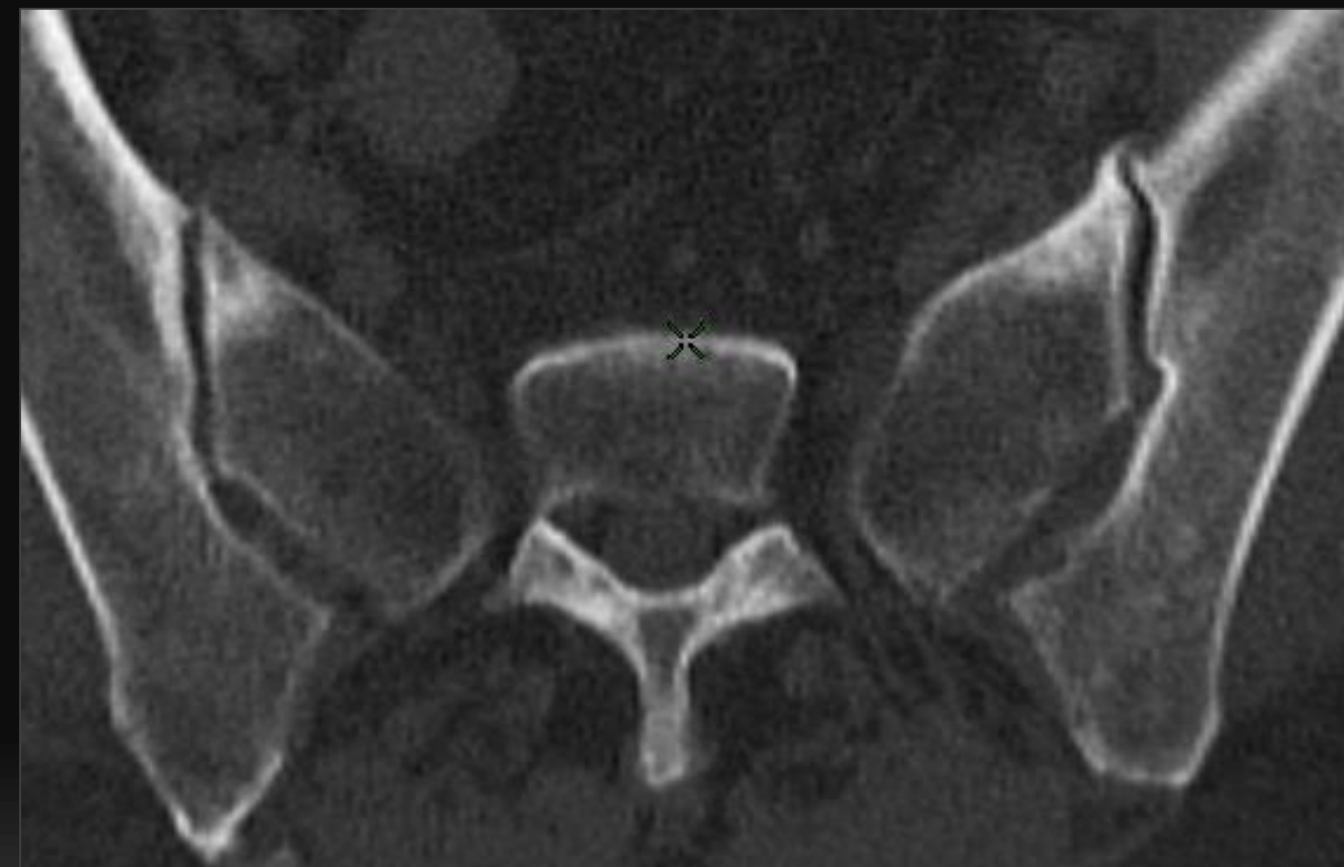




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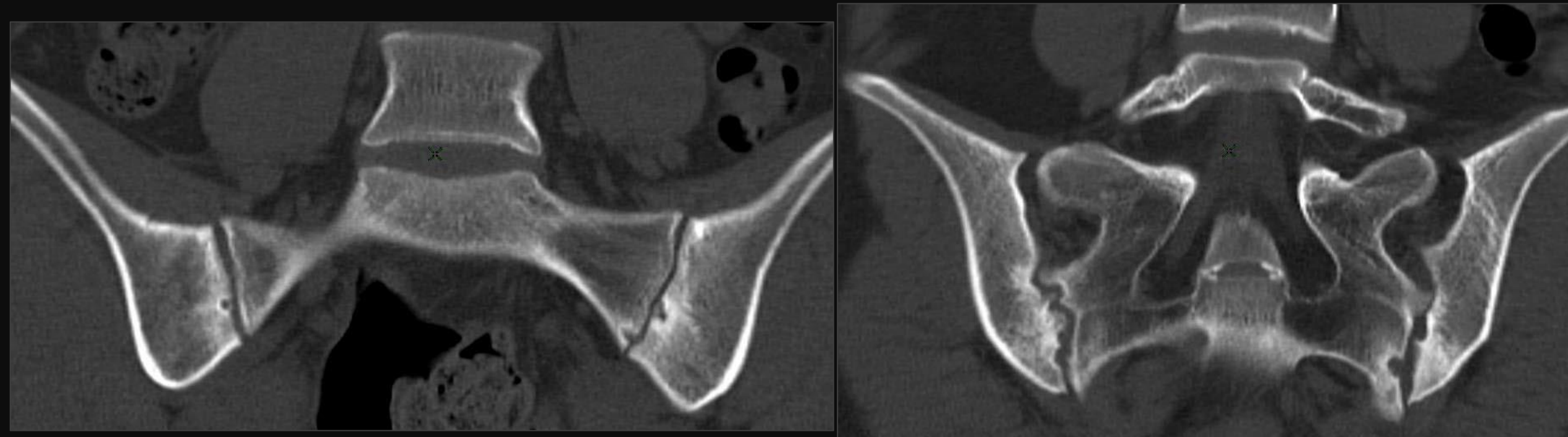
- 47 yo female pt, low back - gluteal pain





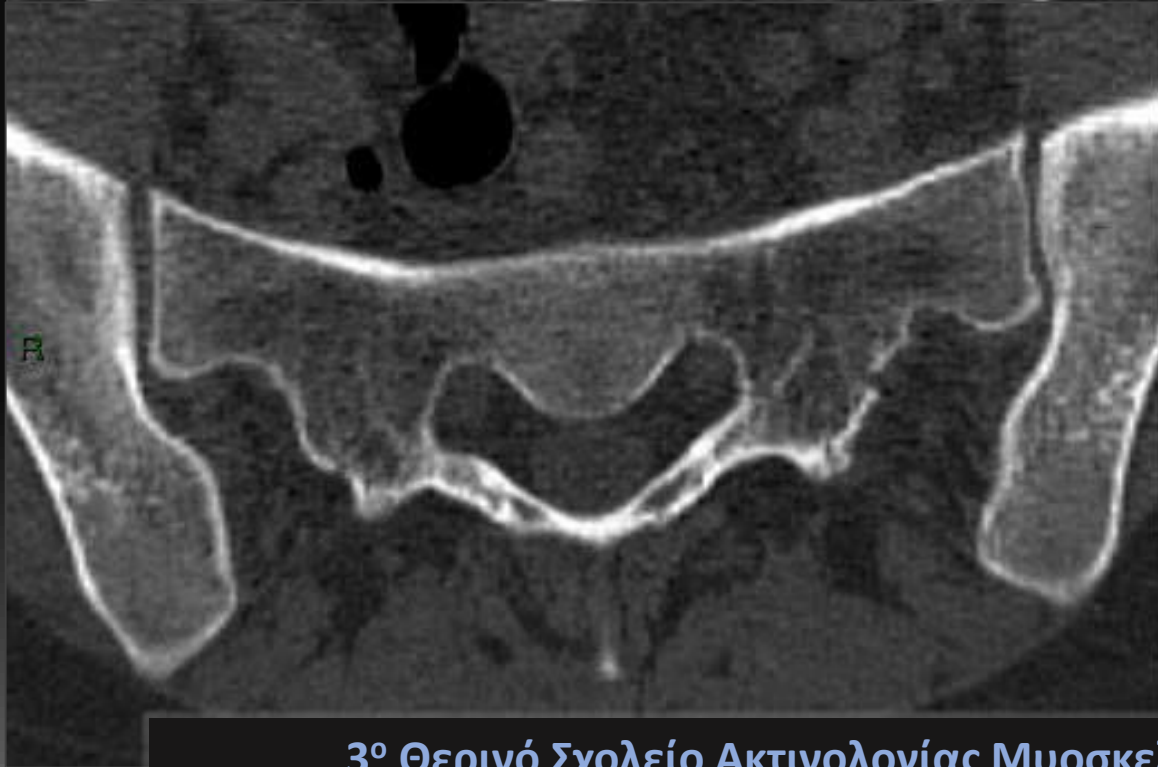
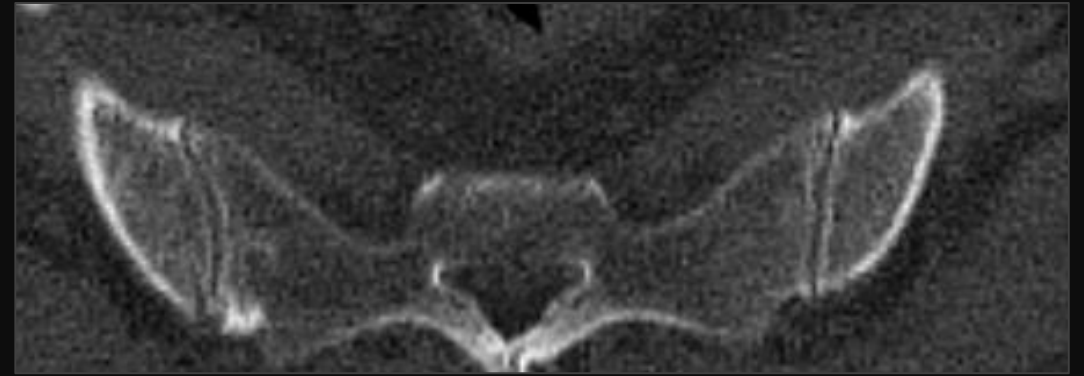
➤ **Degenerative changes - OA**

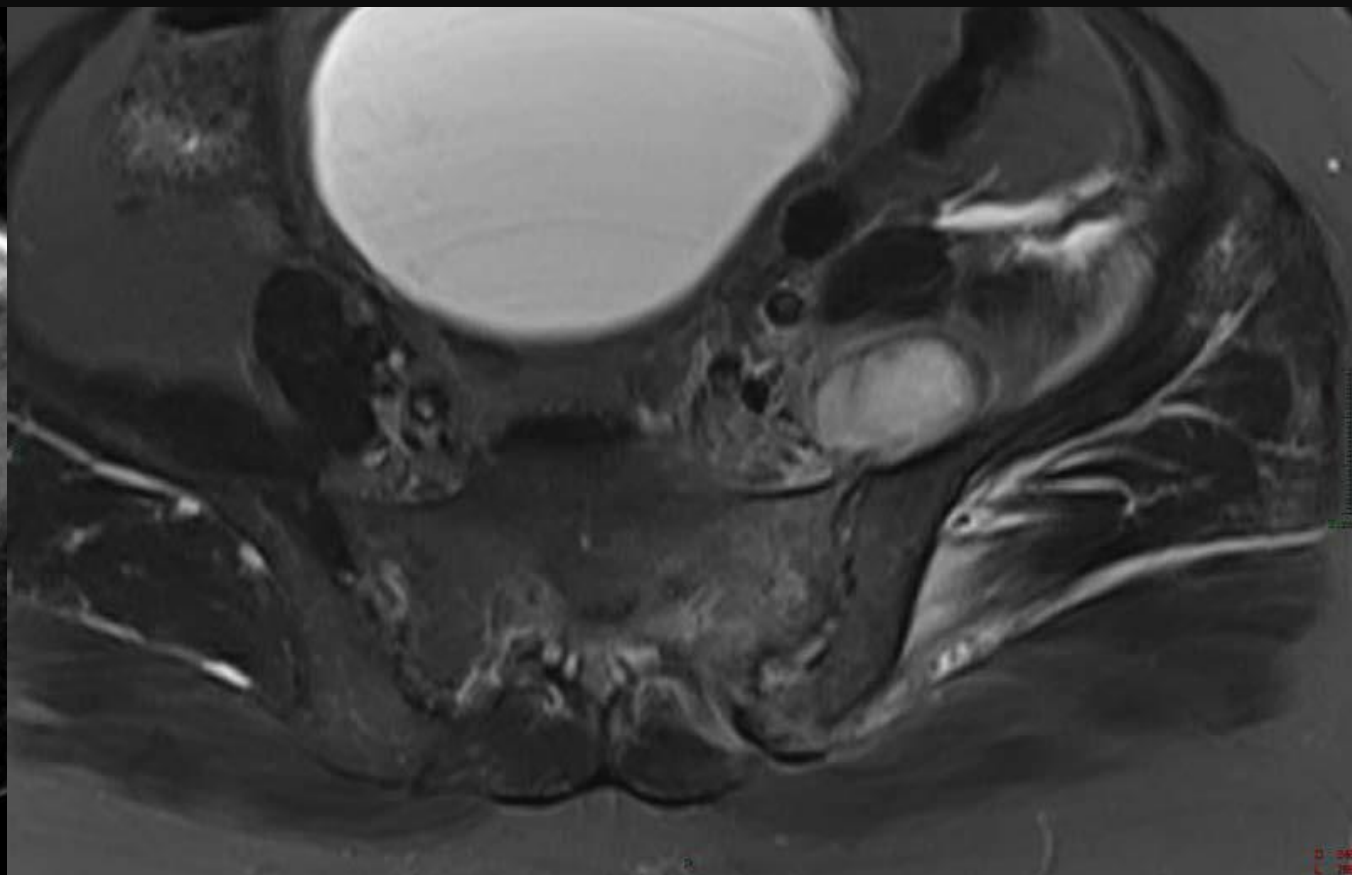
- **Involvement of the anterior-superior part of the joint
(zone of maximum mechanical stress)**
- **Bilateral**
- **Joint space loss, focal subchondral sclerosis, osteophytes**
- **Erosions: rare but possible**
- **Symphysis pubis OA**

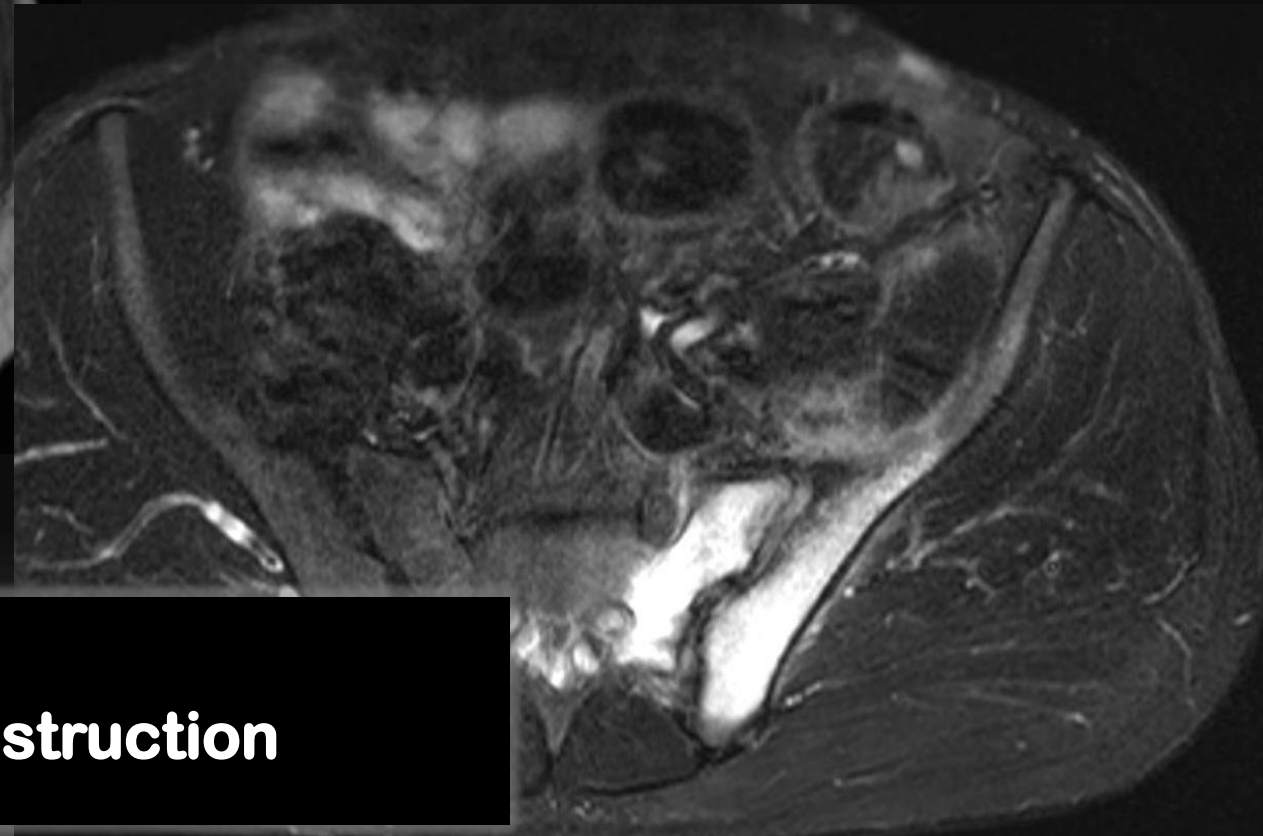
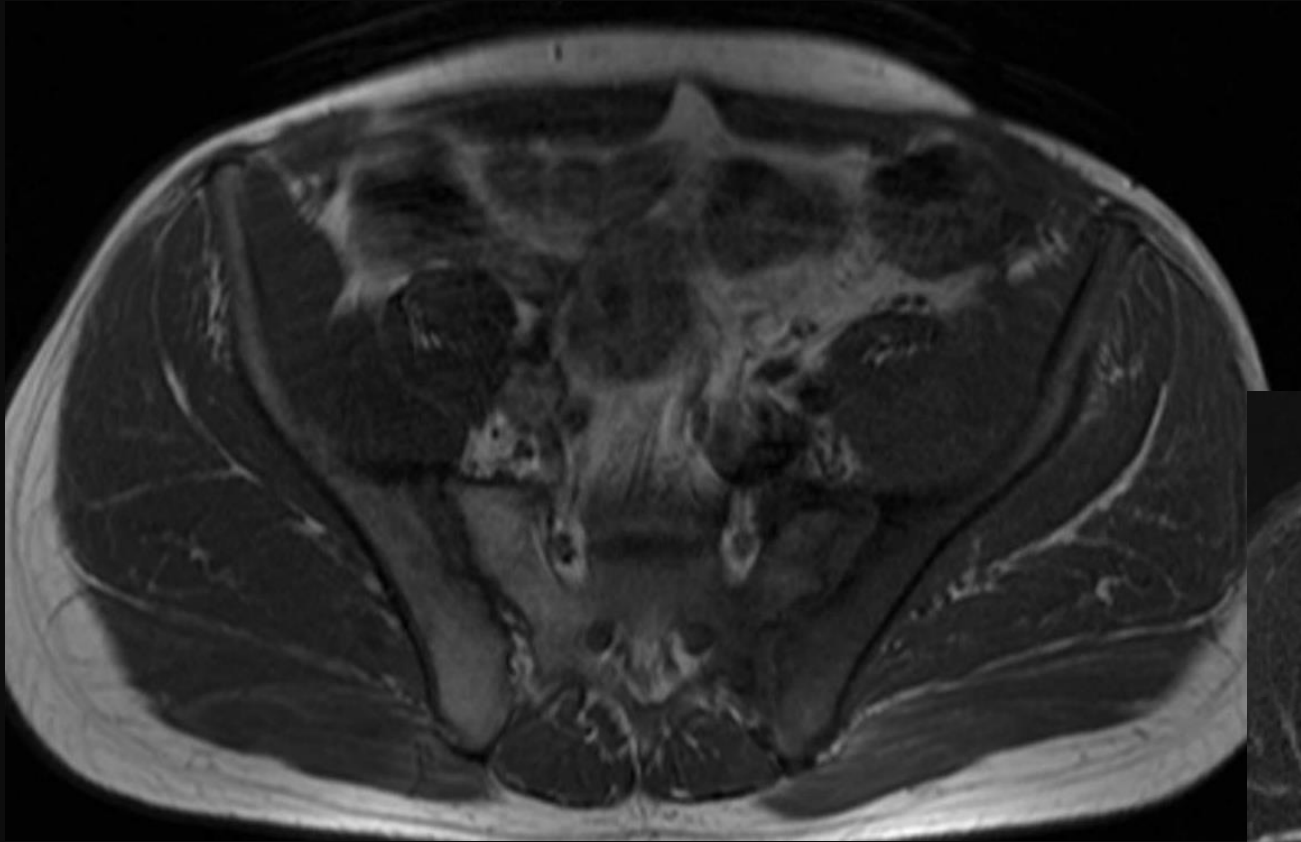


➤ **Inflammatory sacroiliitis**

- **Random distribution (not area of max mechanical stress)**
- **Bilateral but at the beginning asymmetric**

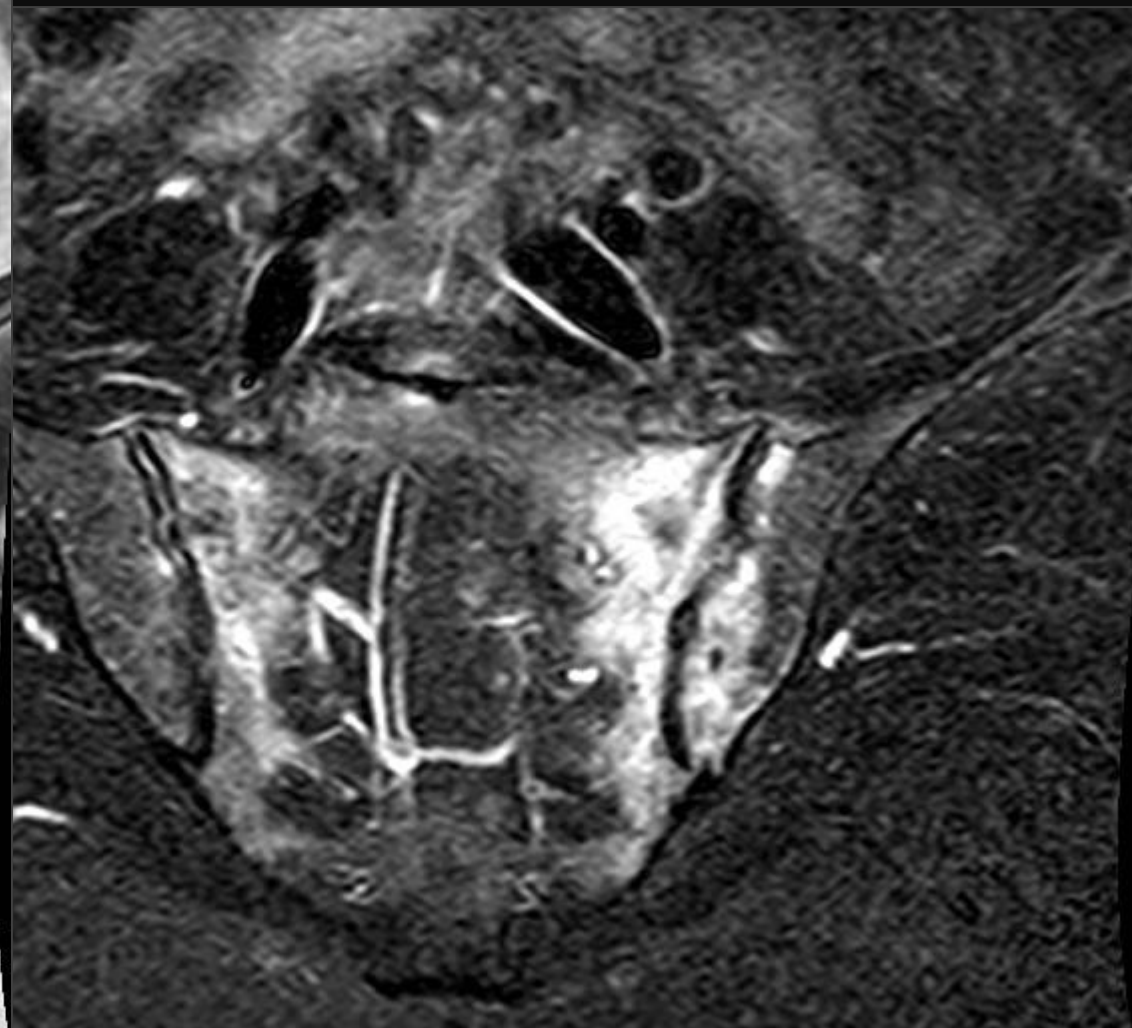






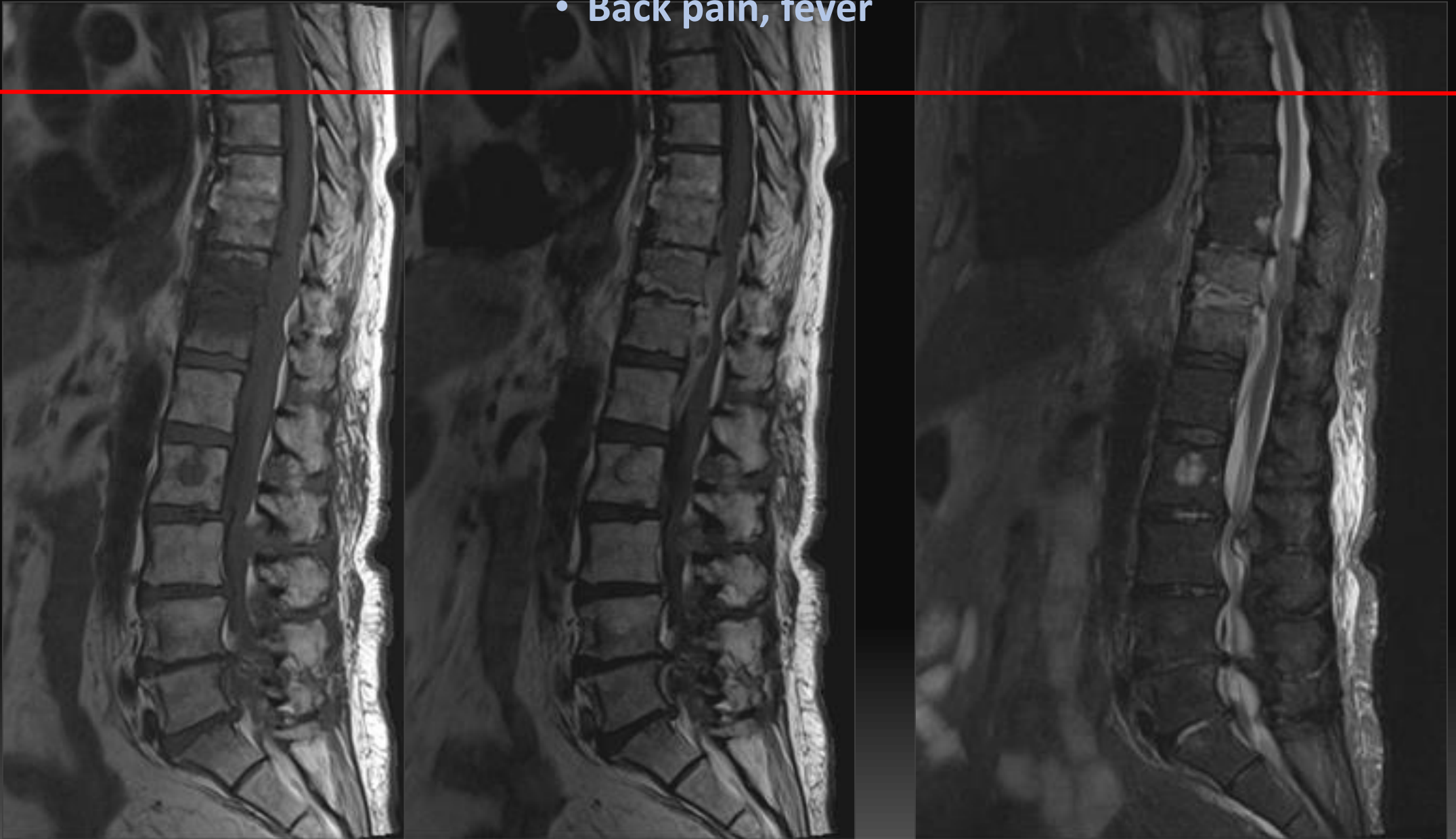
➤ **Infectious sacroiliitis**

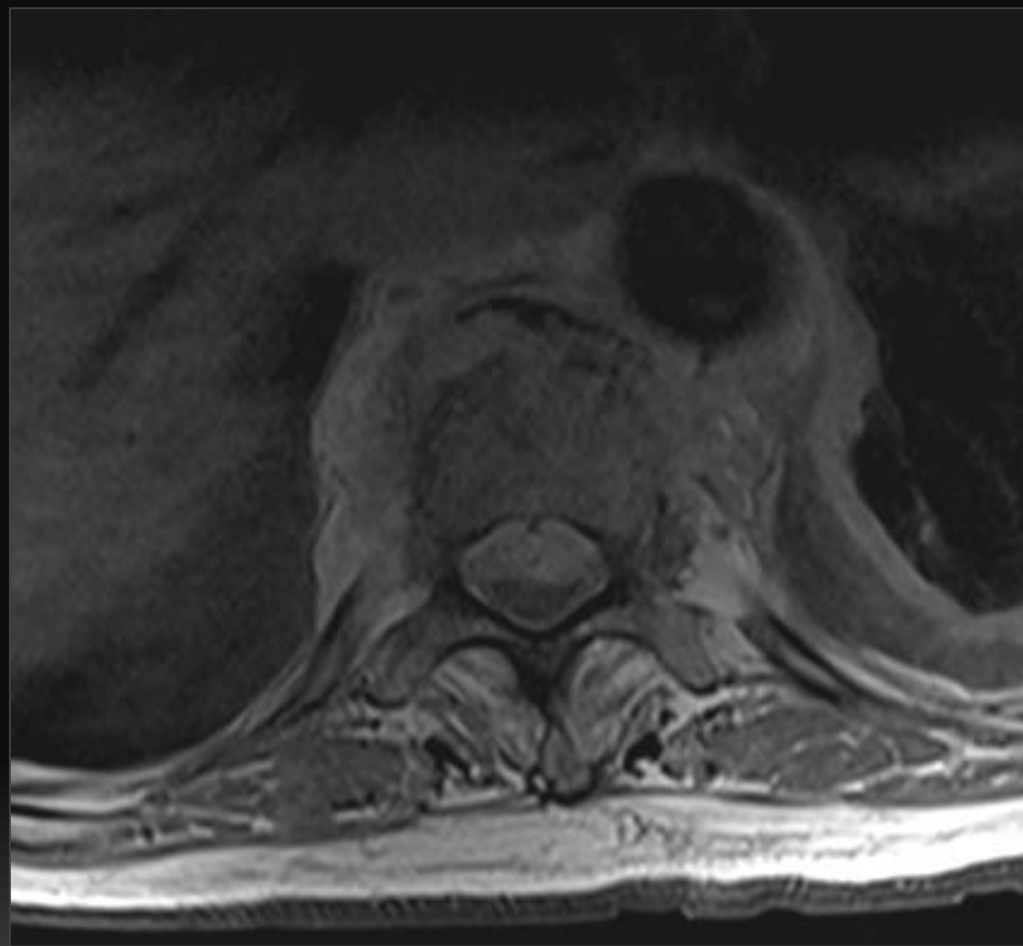
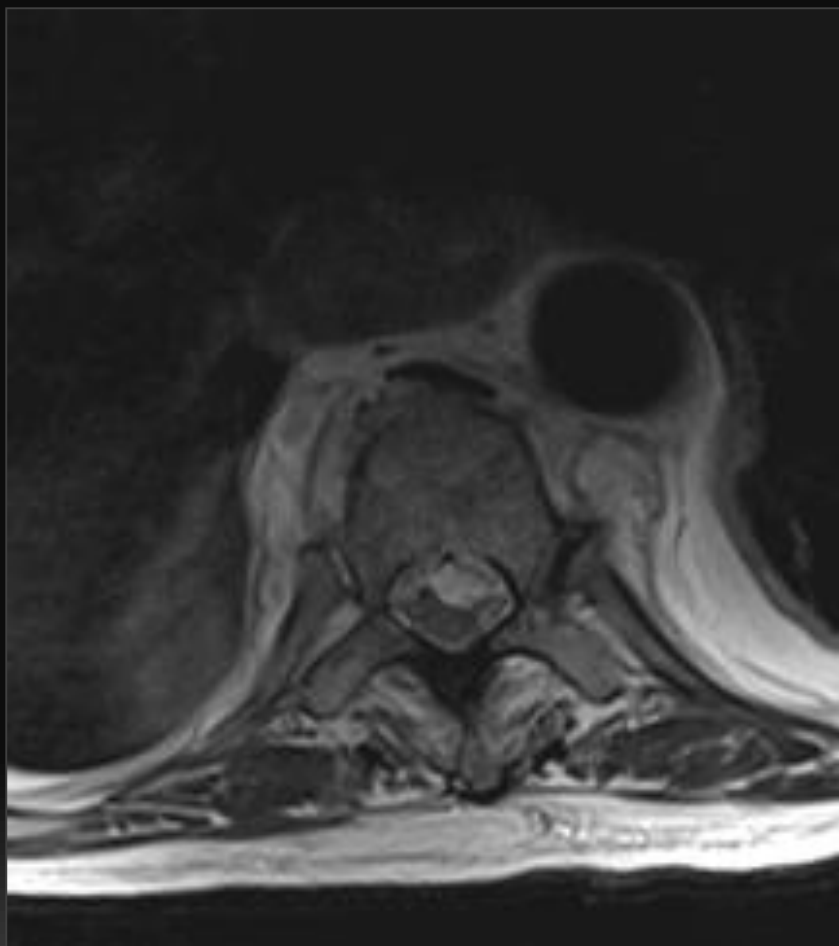
- **Bone marrow oedema before joint destruction**





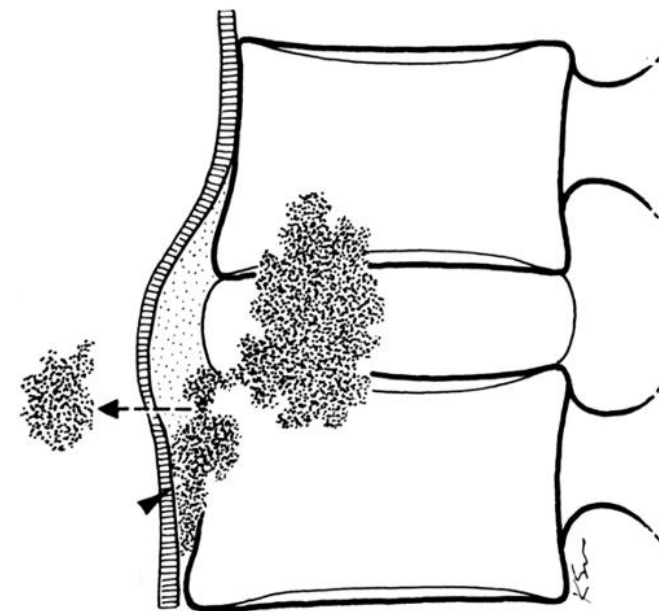
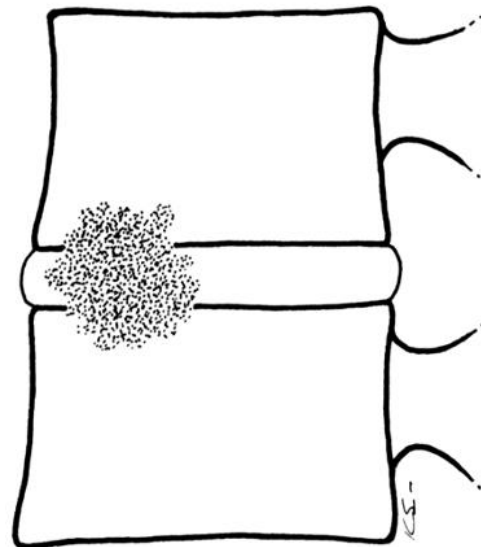
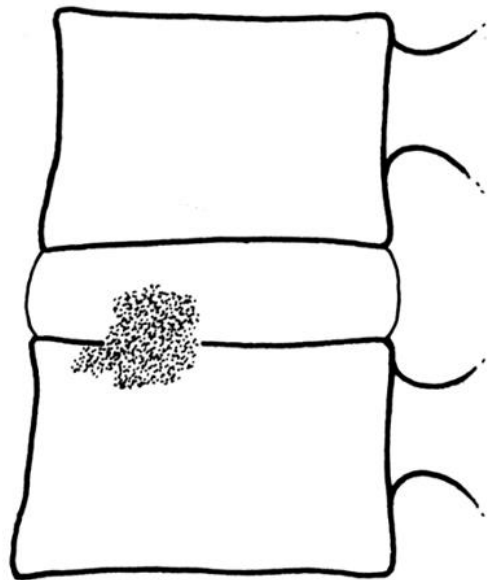
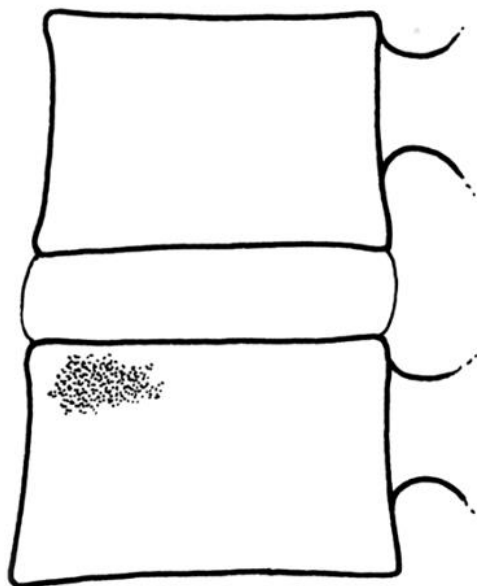
- Back pain, fever





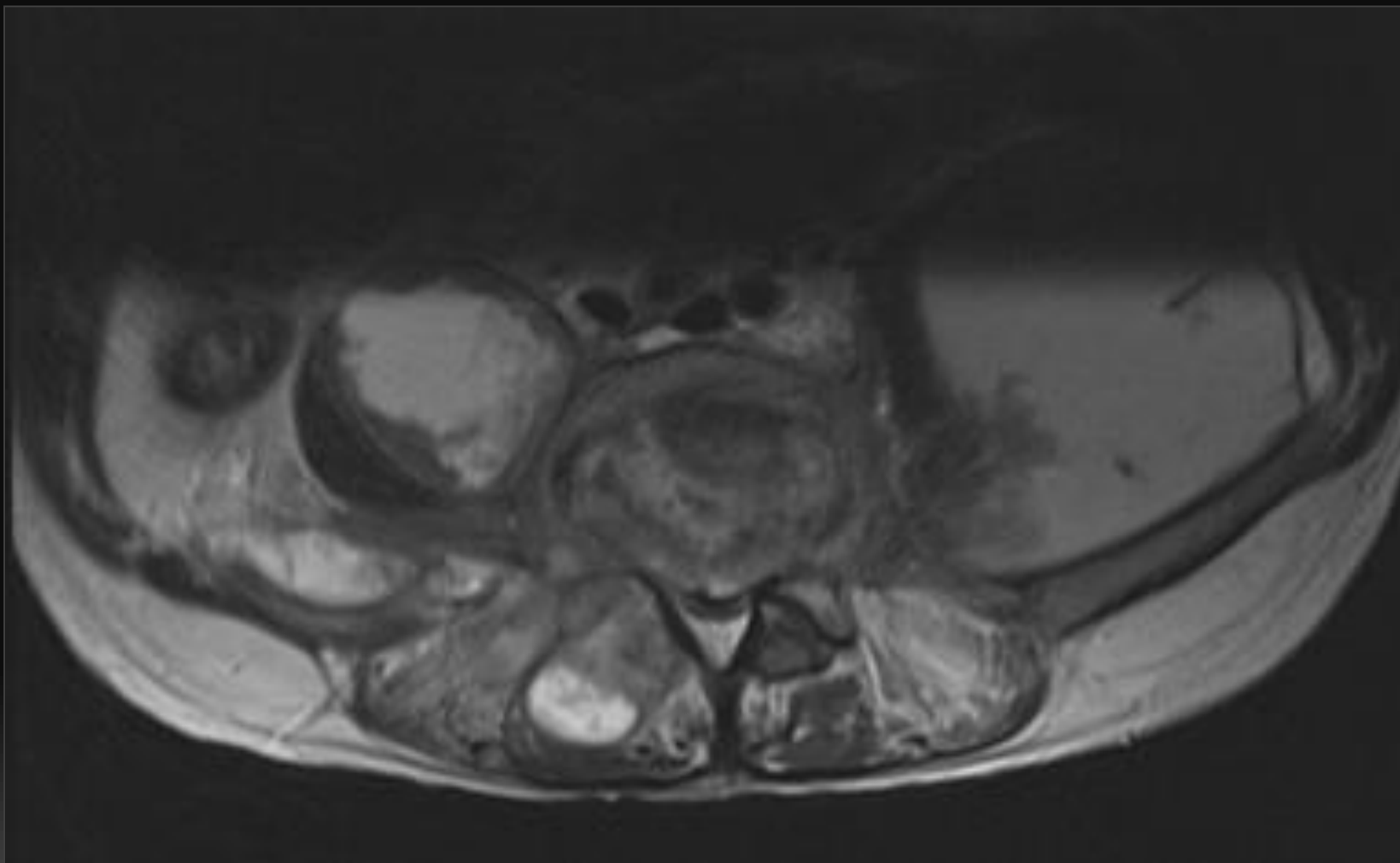
➤ **Infectious spondylitis**

- **endplate changes**
- **vertebral bodies & intervertebral discs**
- **paravertebral soft tissues**
- **epidural abscesses**
- **rare involvement of the posterior elements**
- **elderly, DM, sickle-cell, immunocompromised, drug addicts, AIDS, immigrants**



Unusual

Usual

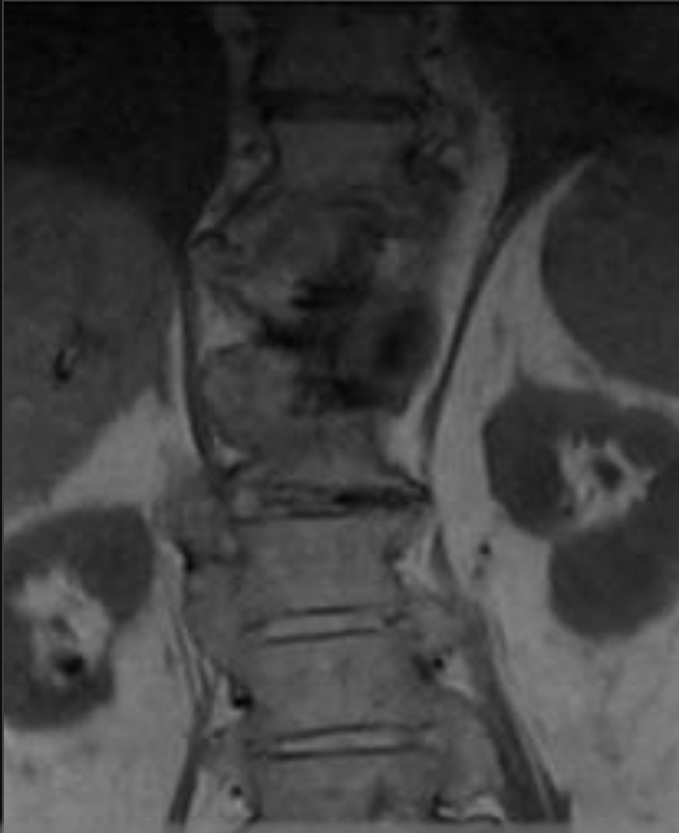


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➤ Degenerative spine

- the disc
- spinal canal diameter
- position and motion
- clinical correlation



➤ DISH

- bony proliferation at sites of tendinous and ligamentous insertion of the spine
- affecting elderly individuals position and motion
- ossification along the ALL and enthesopathy (iliac crest, ischial tuberosities, etc)
- No involvement of the SIJs



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3^ο

ΘΕΡΙΝΟ ΣΧΟΛΕΙΟ
ΑΚΤΙΝΟΛΟΓΙΑΣ
ΜΥΟΣΚΕΛΕΤΙΚΟΥ
“Η ΡΕΥΜΑΤΟΛΟΓΙΑ
ΣΥΝΑΝΤΑ
ΤΗΝ ΟΡΘΟΠΑΙΔΙΚΗ”

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