



# Differential diagnosis of pelvic pain - causes other than sacroiliitis

## Part II - Bone related disease

Michail Klontzas, MD, DIC, PhD

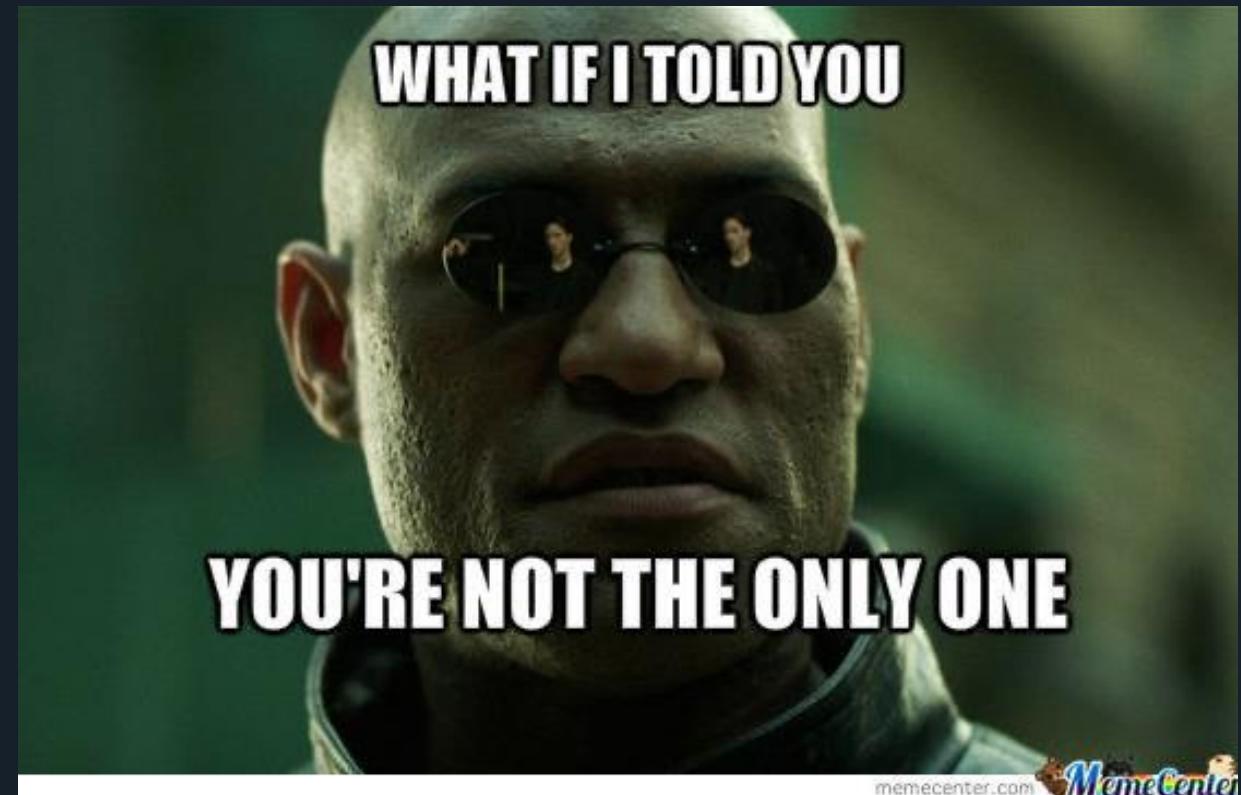
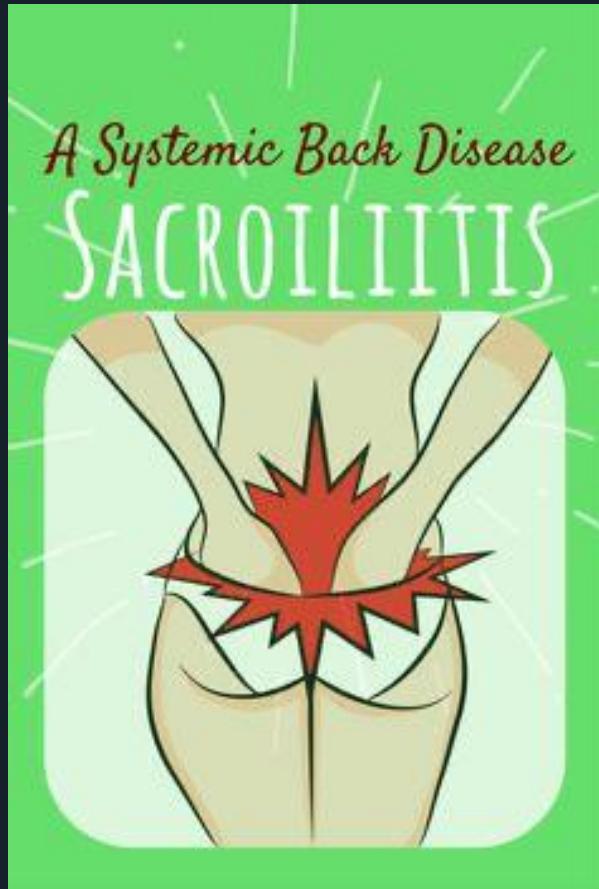
Department of Medical Imaging, University of Crete

 @Klonmich

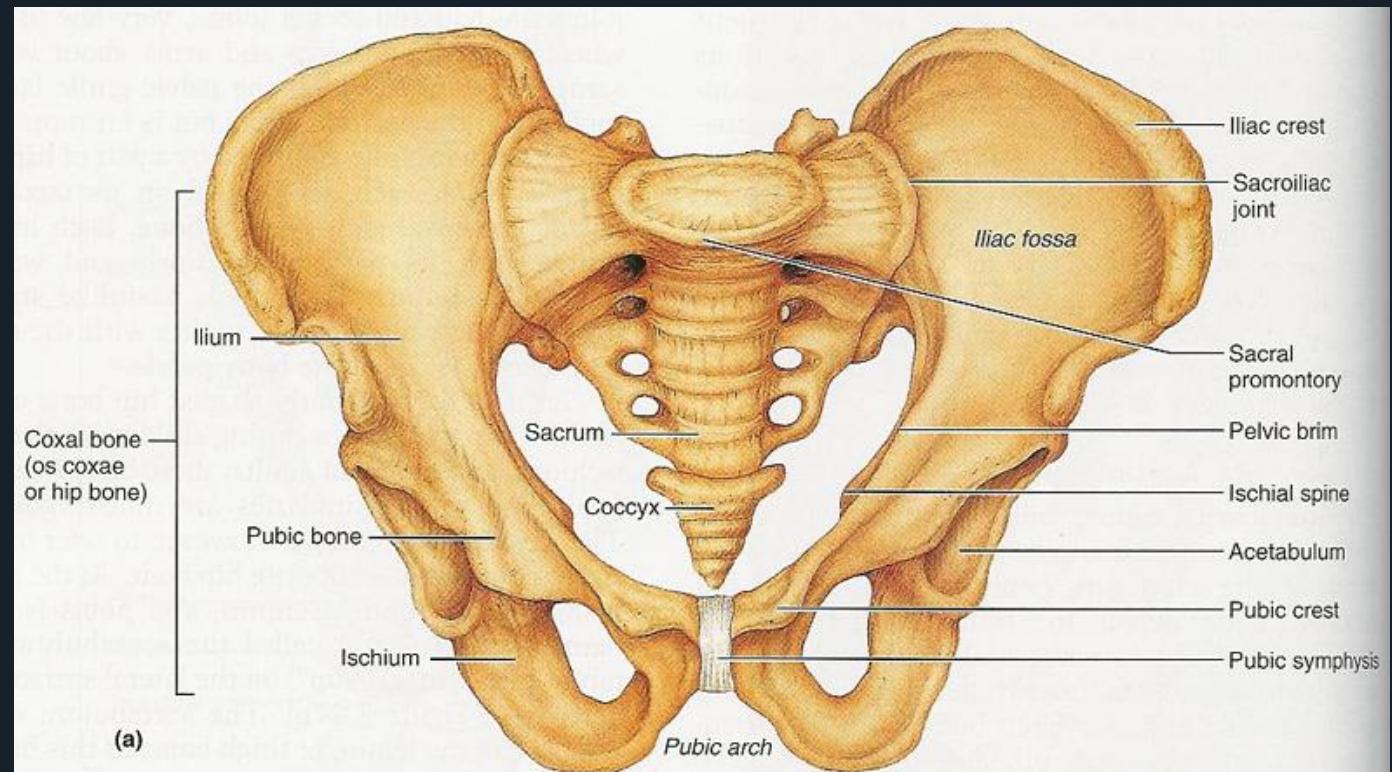
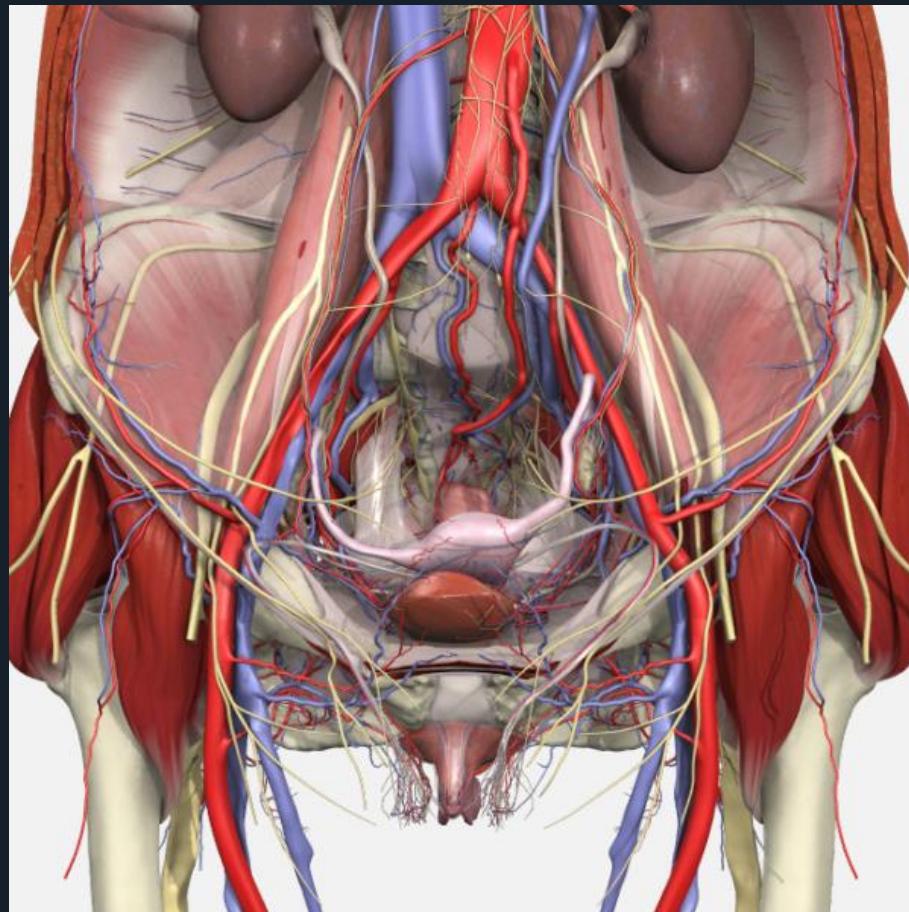
# Table of contents

- Why do we need a part II?
- Differential diagnosis of pelvic pain mimicking sacroiliitis
  - Bone related causes
- Cases
- Conclusions

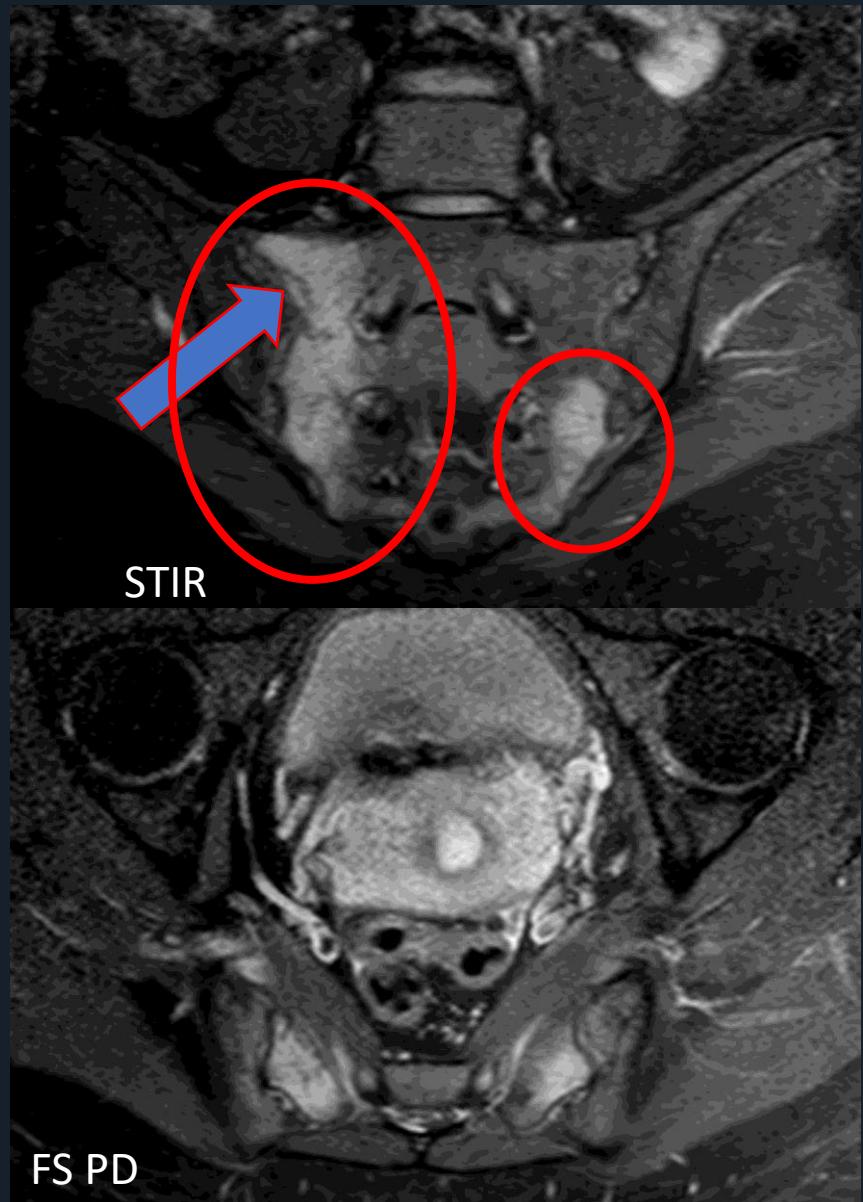
# Sacroiliitis - lone player?



# Why part II?

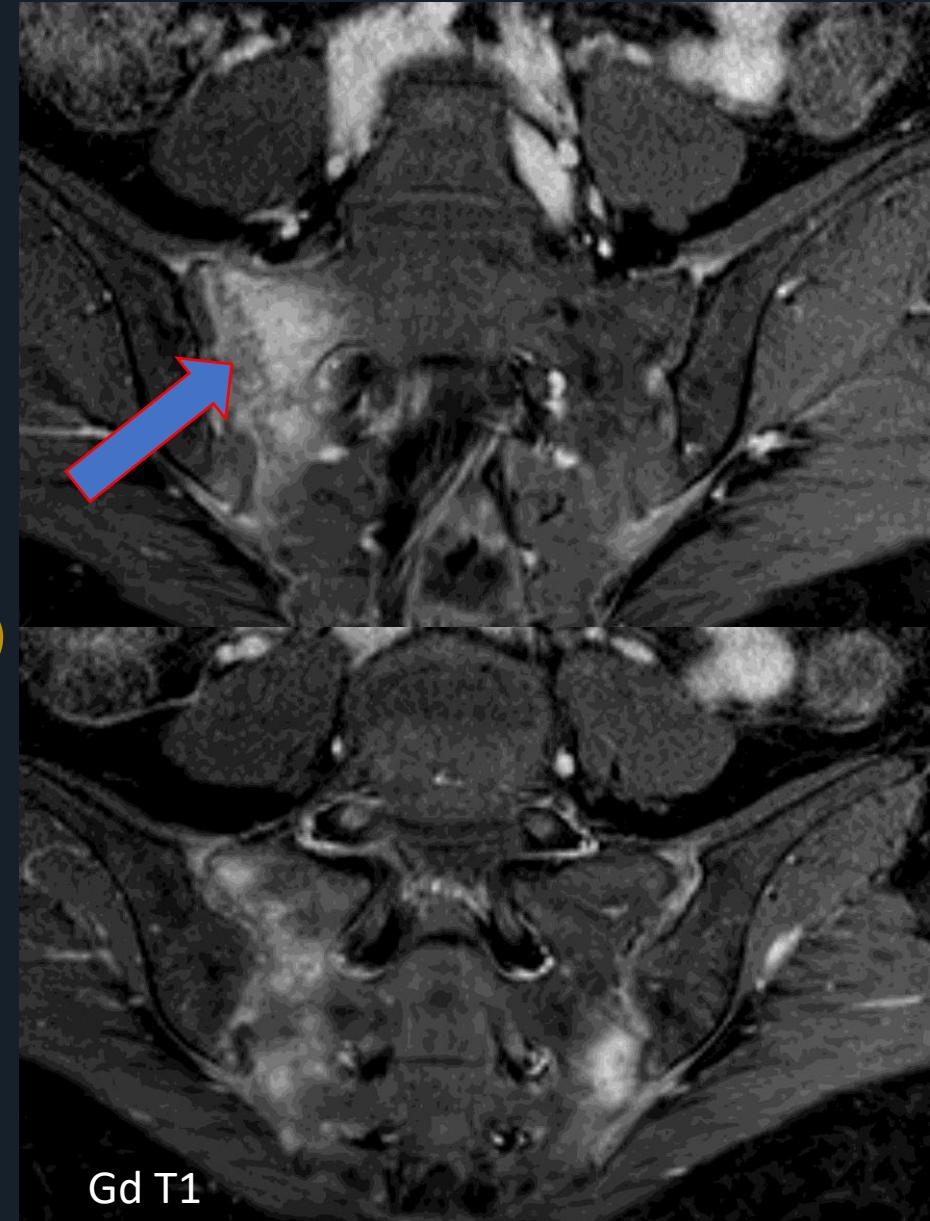


# 36F - Mountain trekking

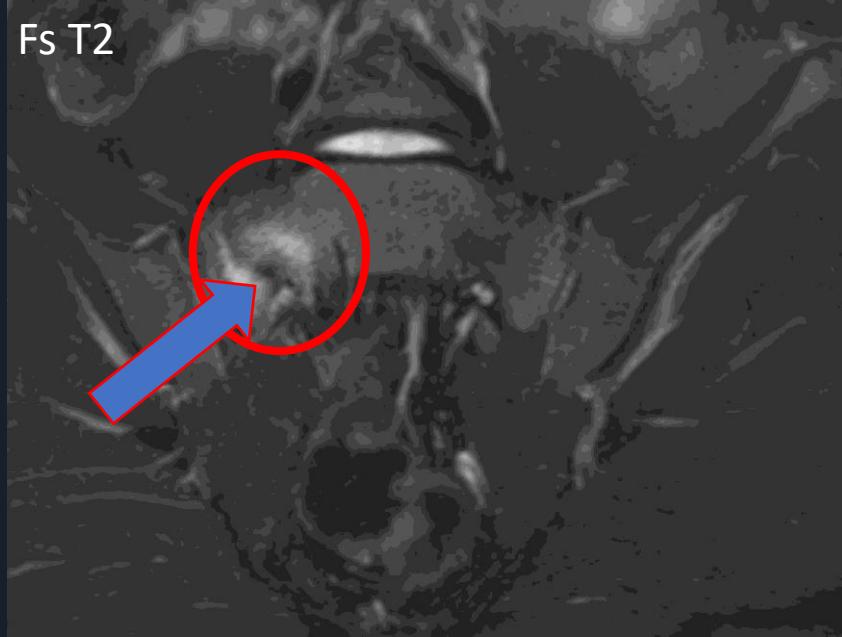
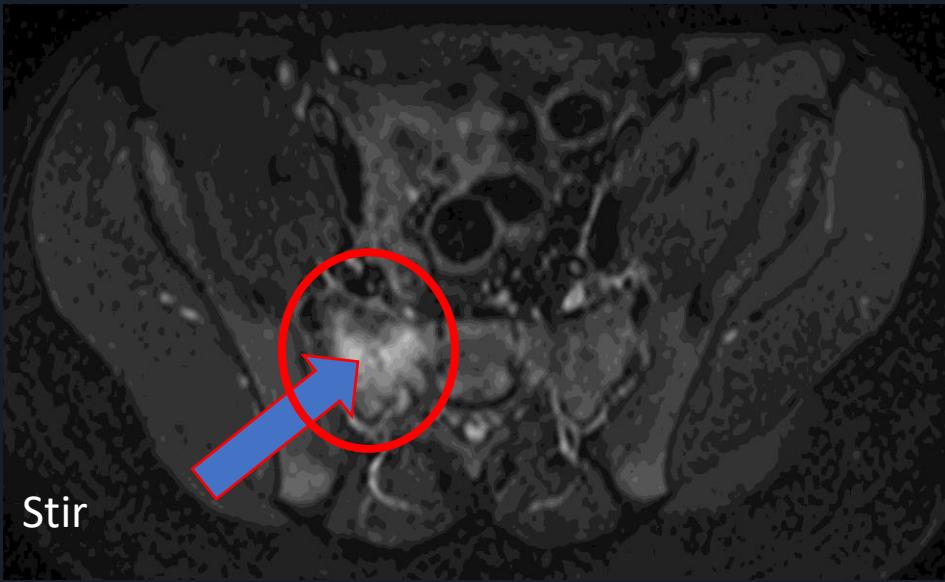


Stress fx (R)  
Stress reaction (L)

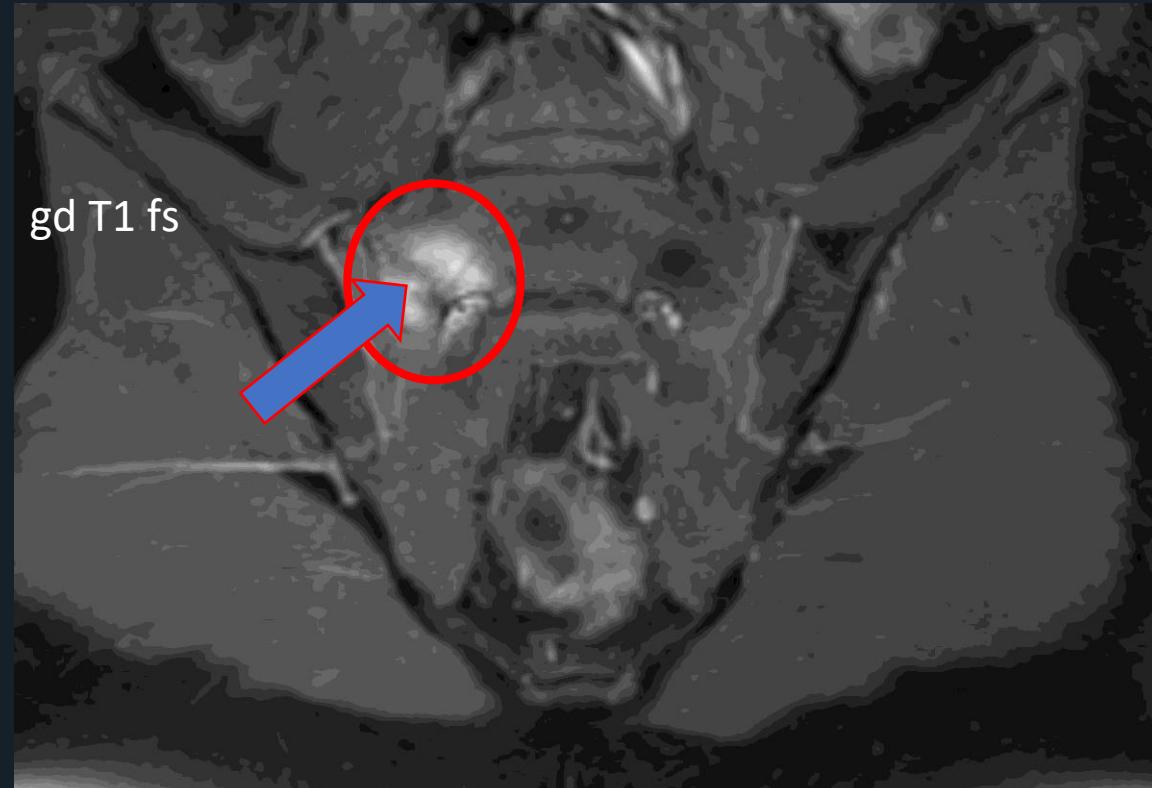
Repetitive  
trauma



# 12M - Football academy



**Stress fx (R)**

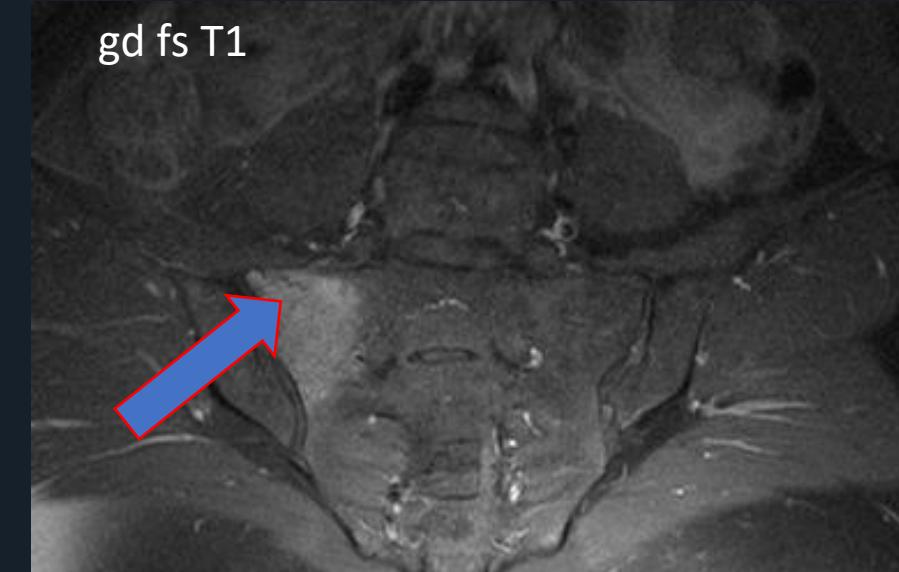
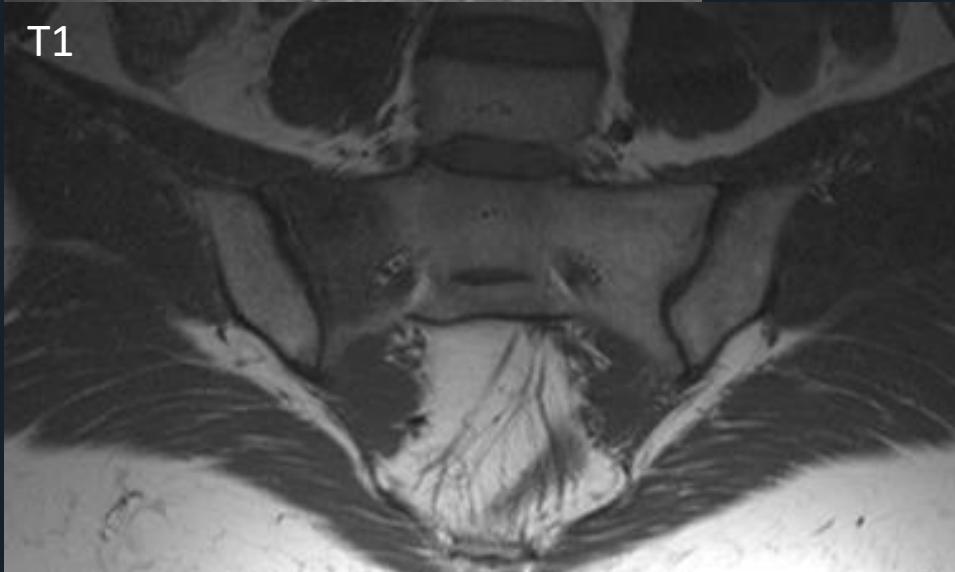
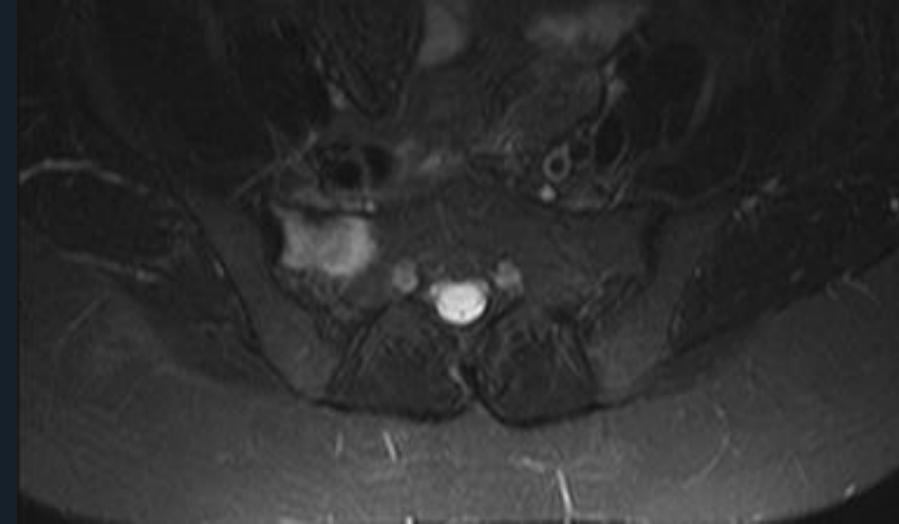


# 39F - early osteoporosis



Insufficiency  
fx

Metabolic  
bone disease



32F - recent pregnancy



Osteitis  
Condensans Ilii

Repetitive stress?  
Chronic stress  
response?

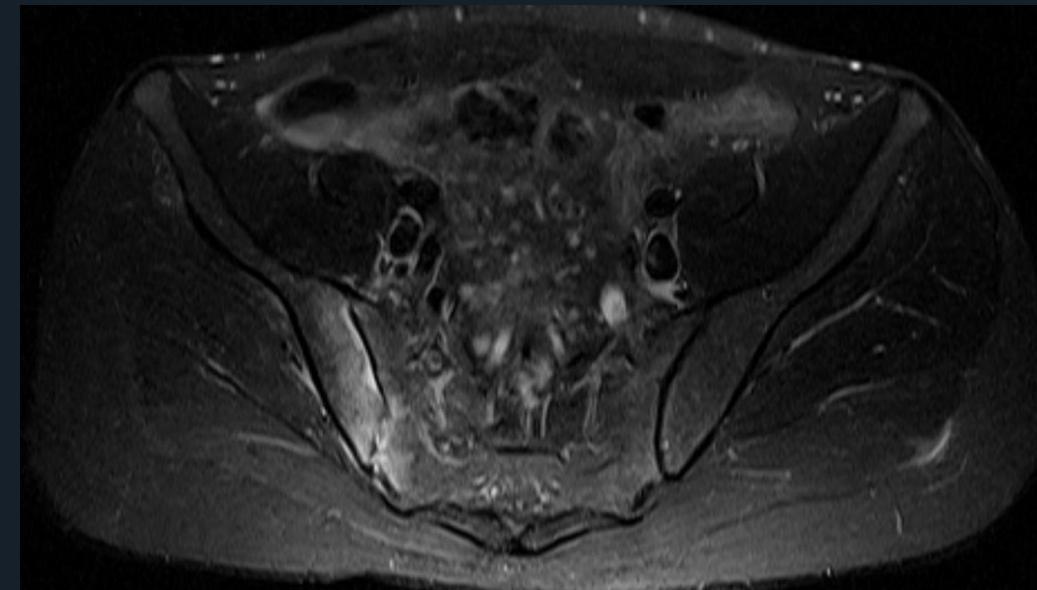
Pain <3%

# 24F - Upper resp. tract infection

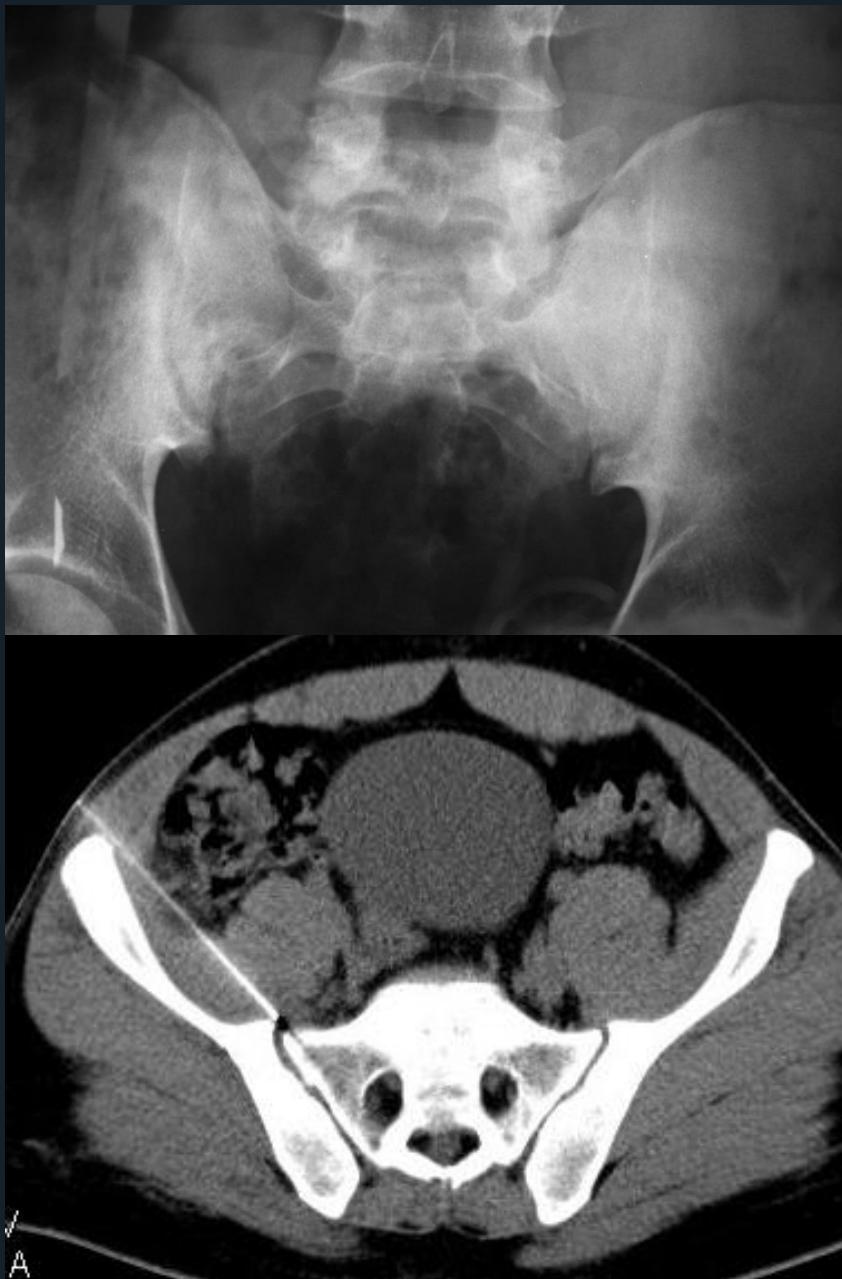


Reactive  
sacroiliitis

Infectious



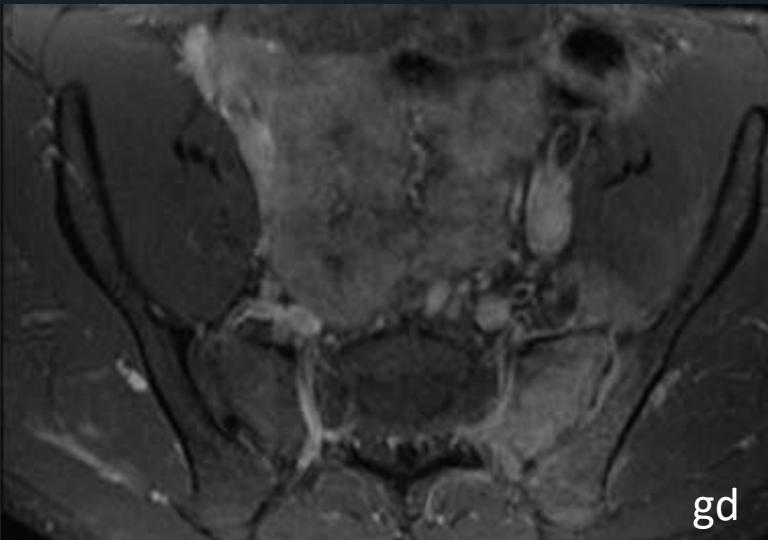
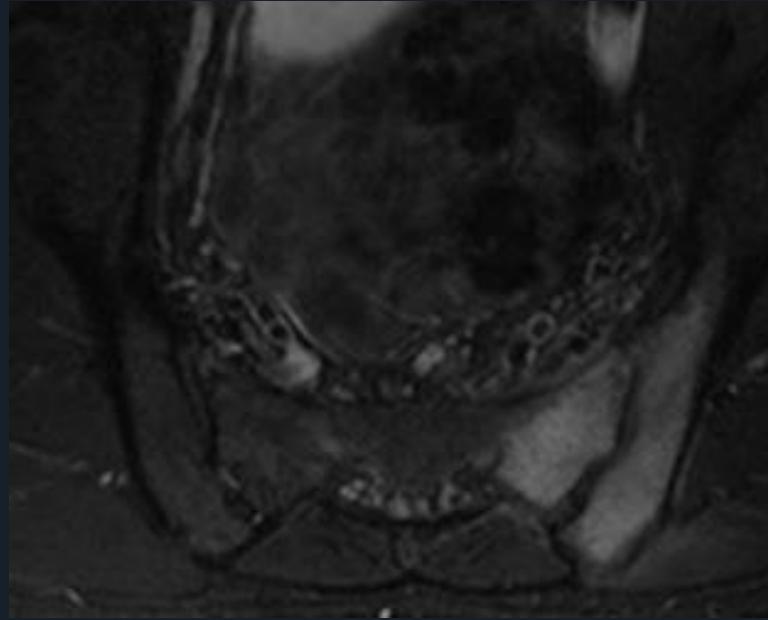
23M - shepherd - pain,  
fever & malaise



Infectious

Brucellosis

STIR

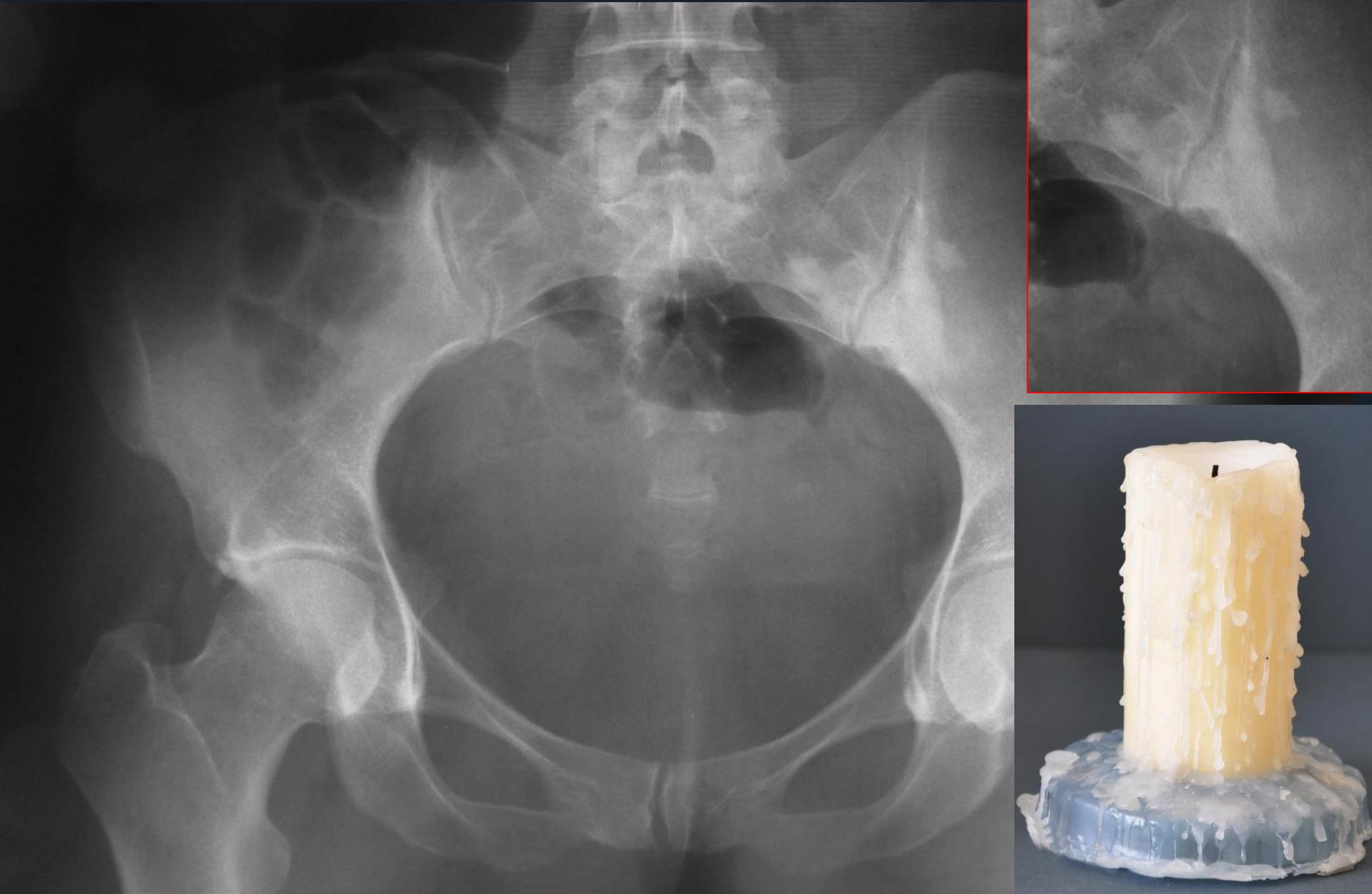


*S. aureus*

Infectious

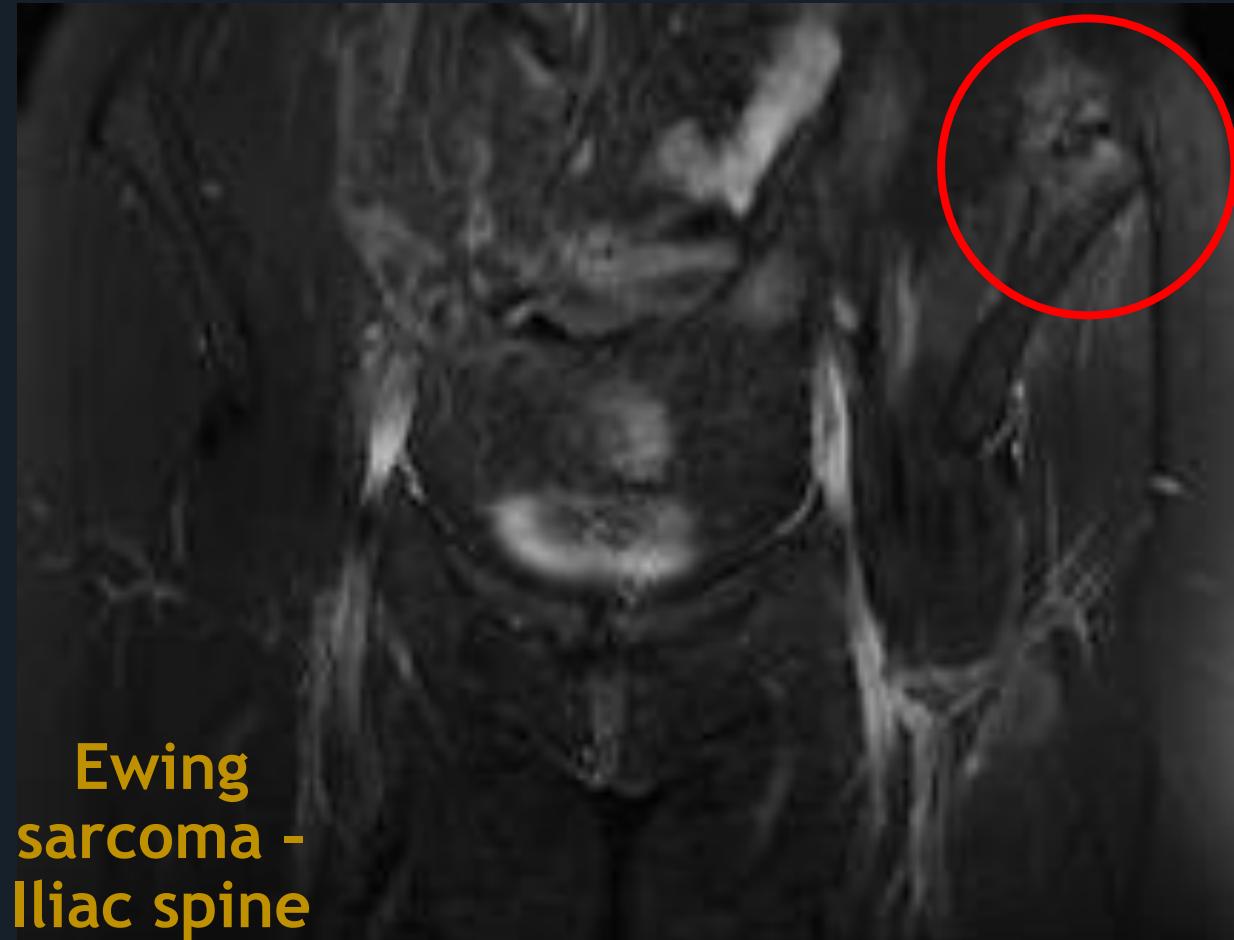
33M - IVDU

# Melorheostosis (Leri disease)

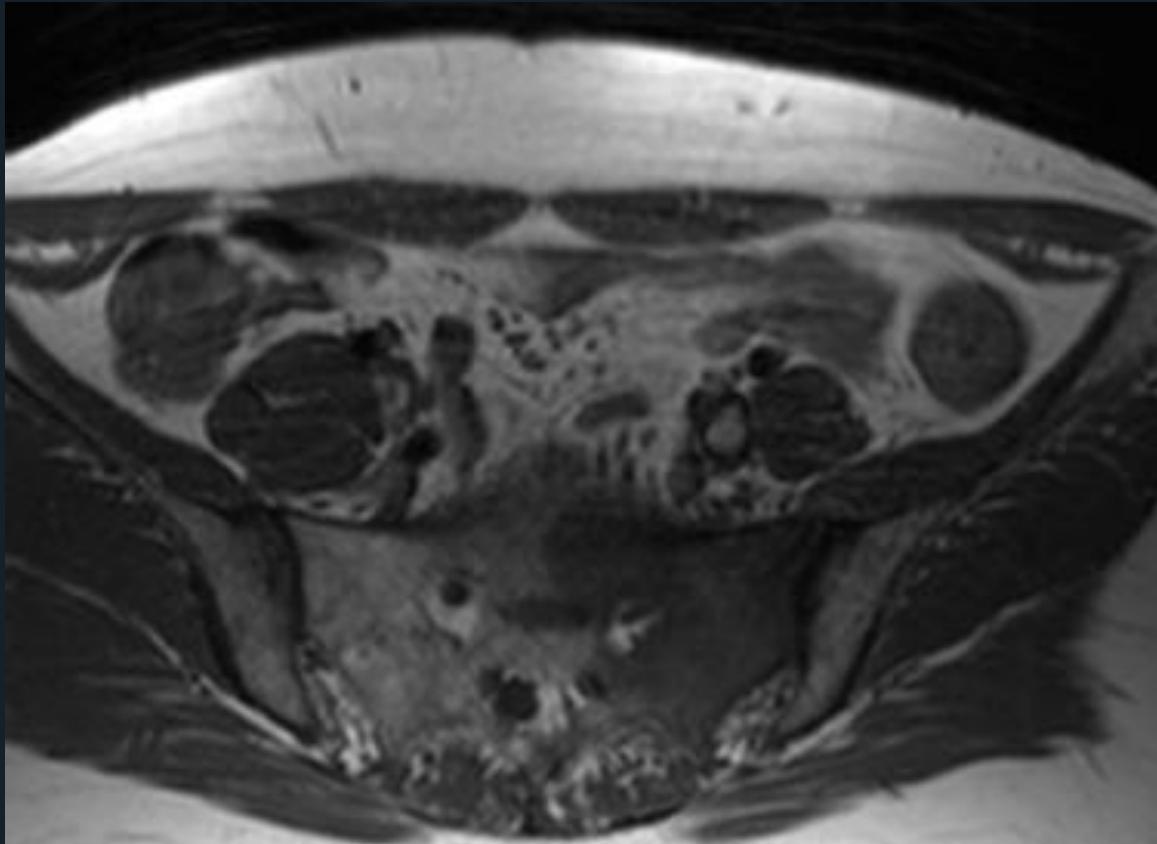


26F - night pain - low grade fever - high ESR

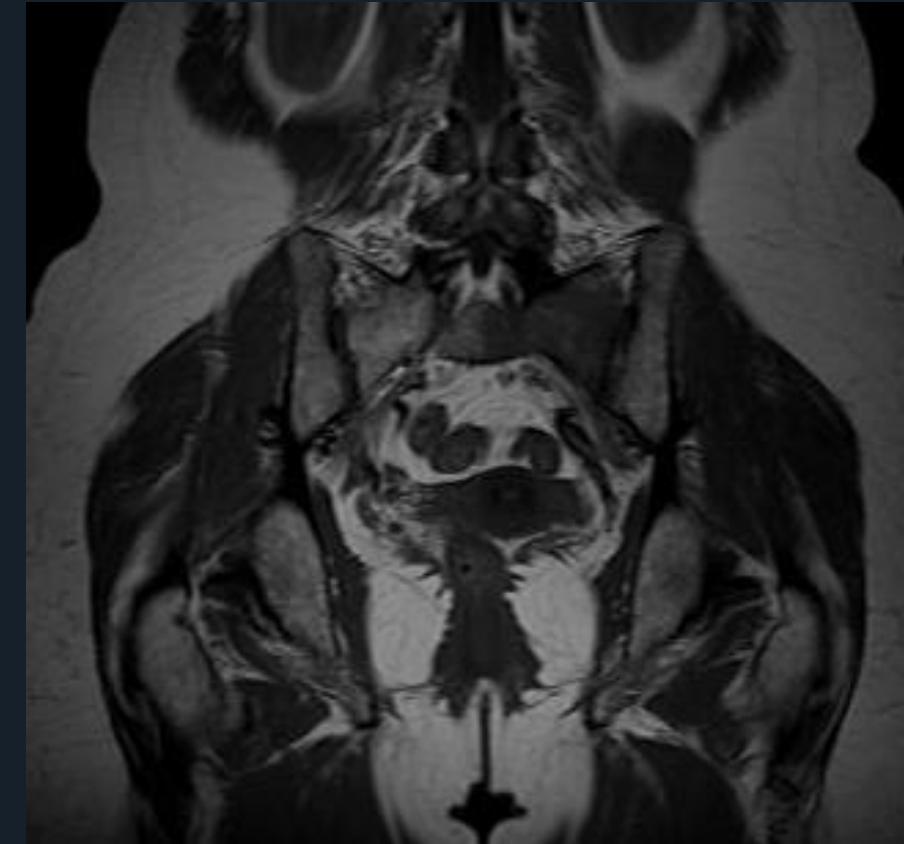
Neoplastic



49F - ca breast



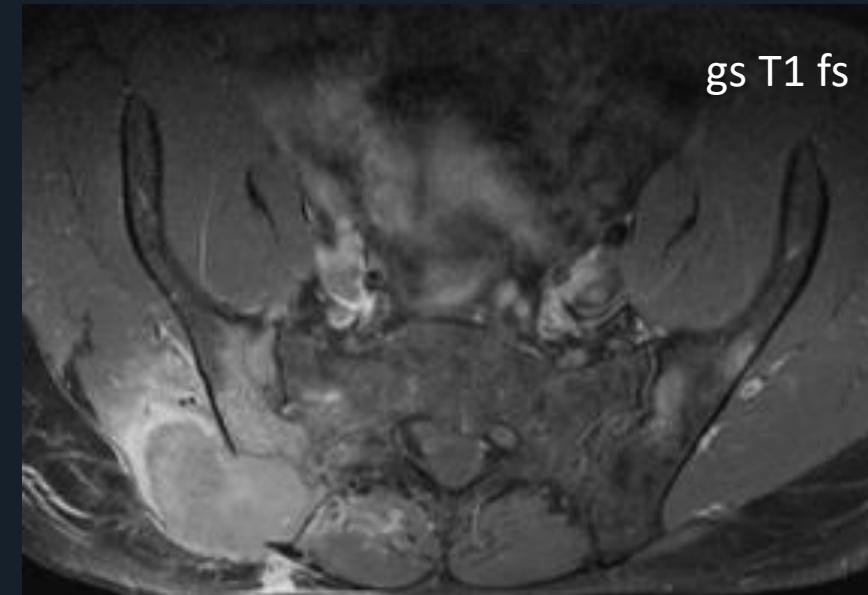
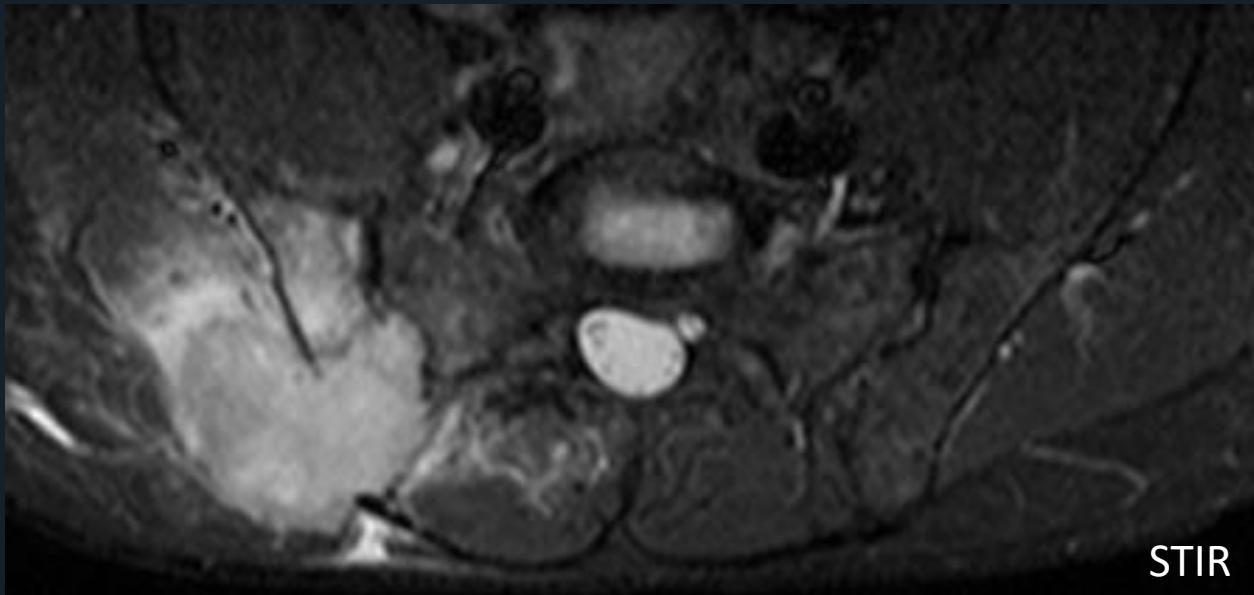
Neoplastic



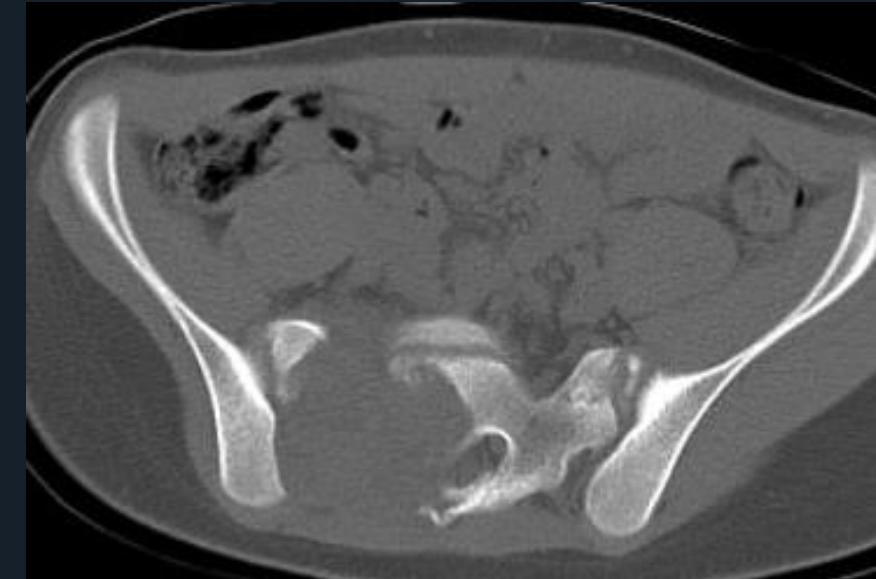
44M - pelvic/buttock pain

Neoplastic

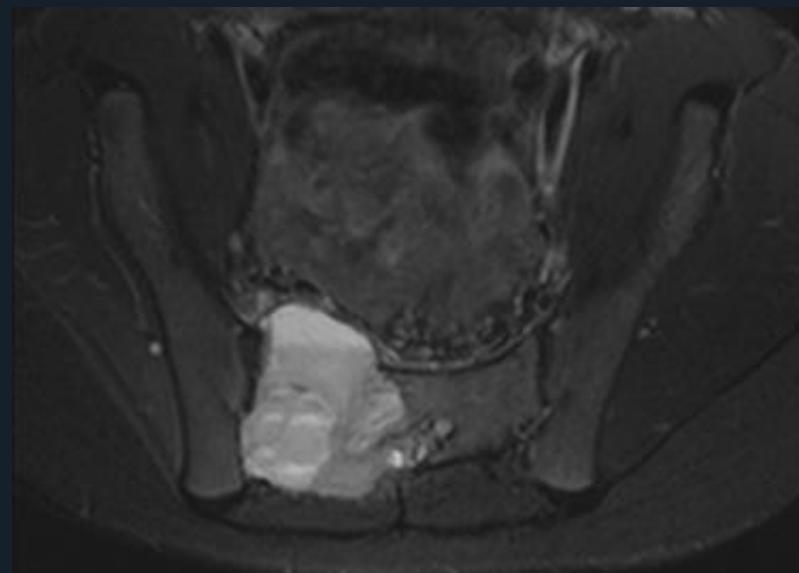
Mets of unknown  
origin



12M - cystic  
lesion



ABC



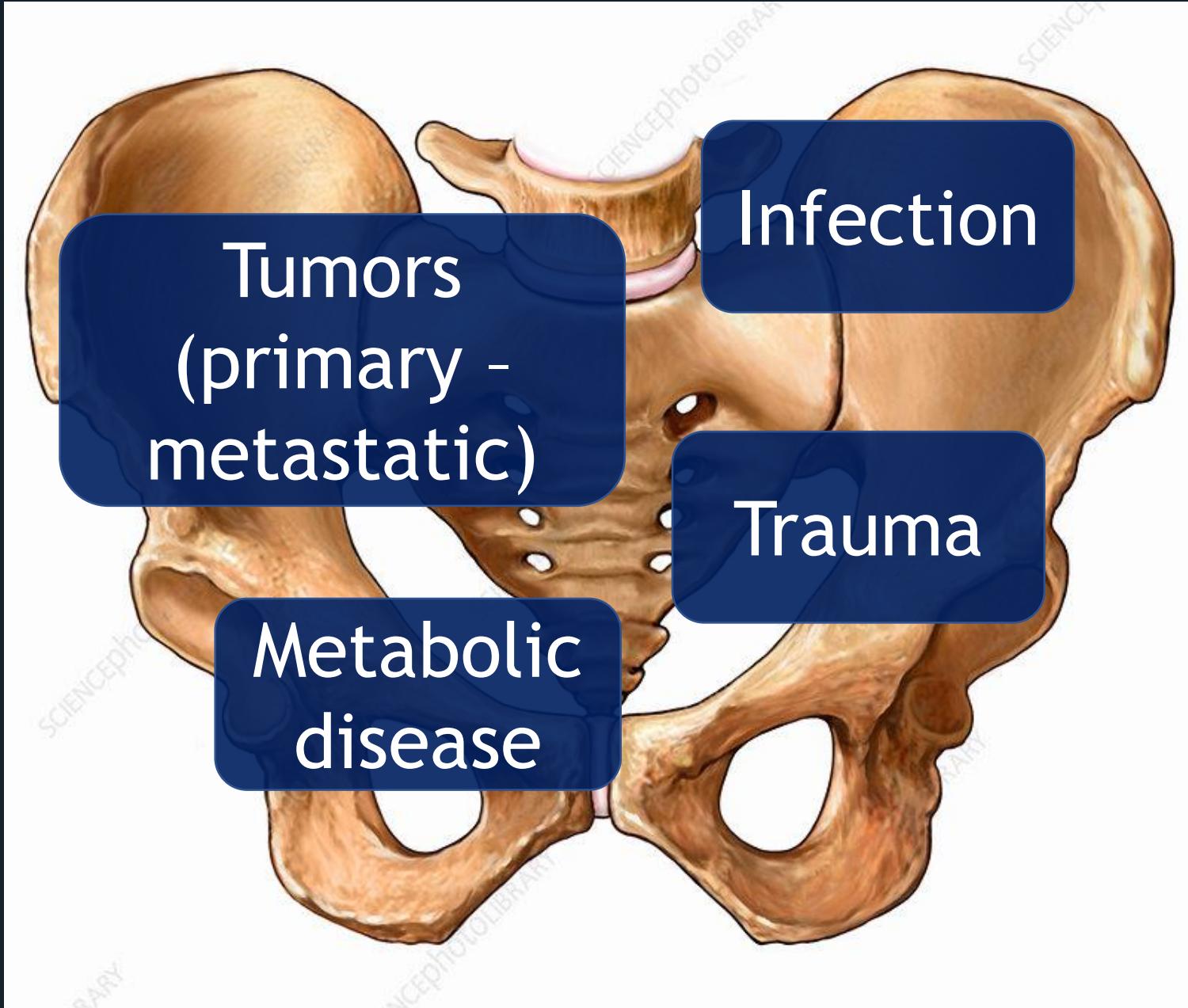
Neoplastic

55F - pelvic pain

Neoplastic

Multiple  
Myeloma





# Conclusions

- Multiple bone related conditions can mimic sacroiliitis
- DDx based on: **history - history - history + imaging**

# Thank you!!!



When you realize that numerous entities  
can be confused with sacroiliitis