

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

"IN THE NAME OF ALLAH MOST GRACIOUS MOST MERCIFUL"

# Radiology of Lower Limb

By

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# objectives

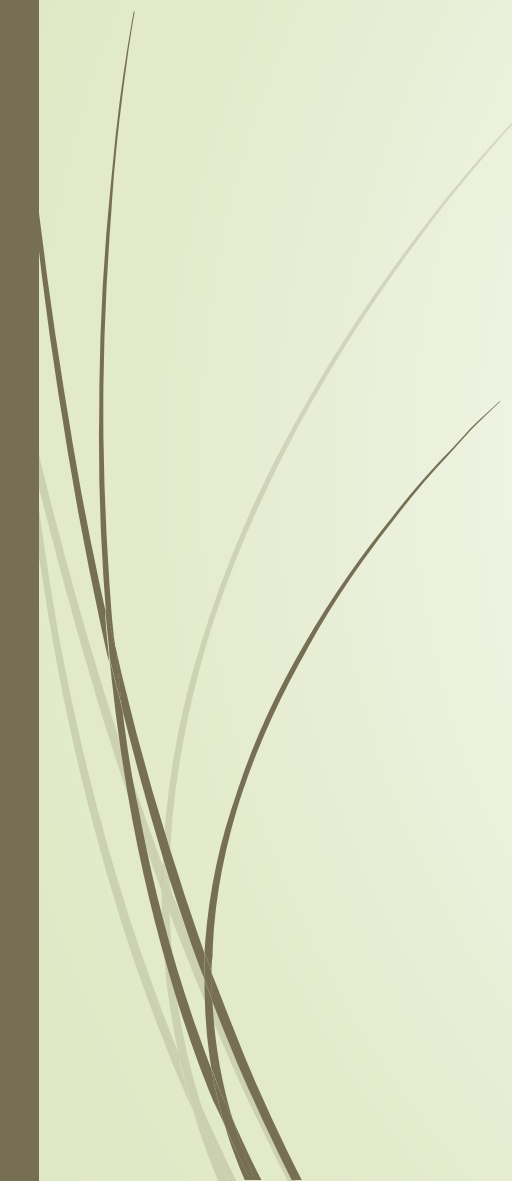
By the end of this session session You should be able to

- A. Describe a Radiograph
- B. Describe the Lower Limb radiology
- C. Describe Fracture patterns



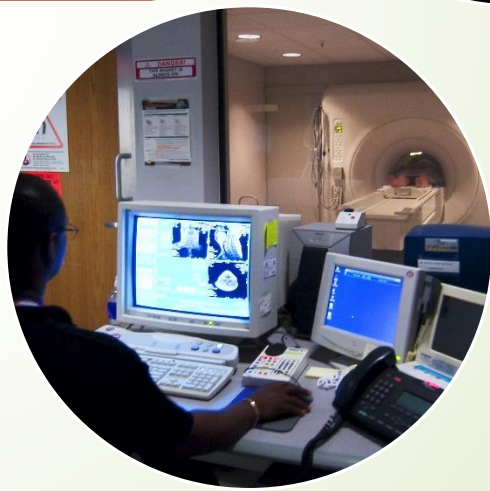
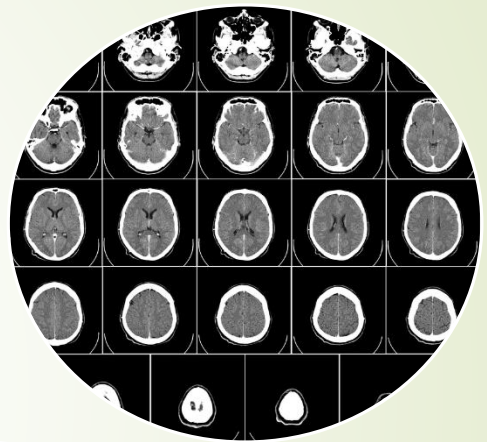


# How to read a radiograph

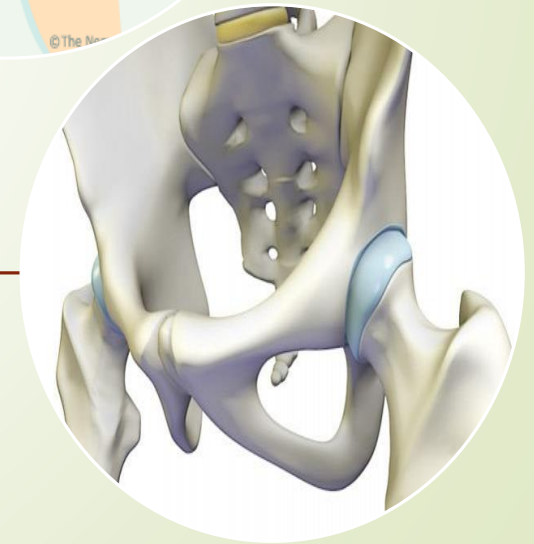
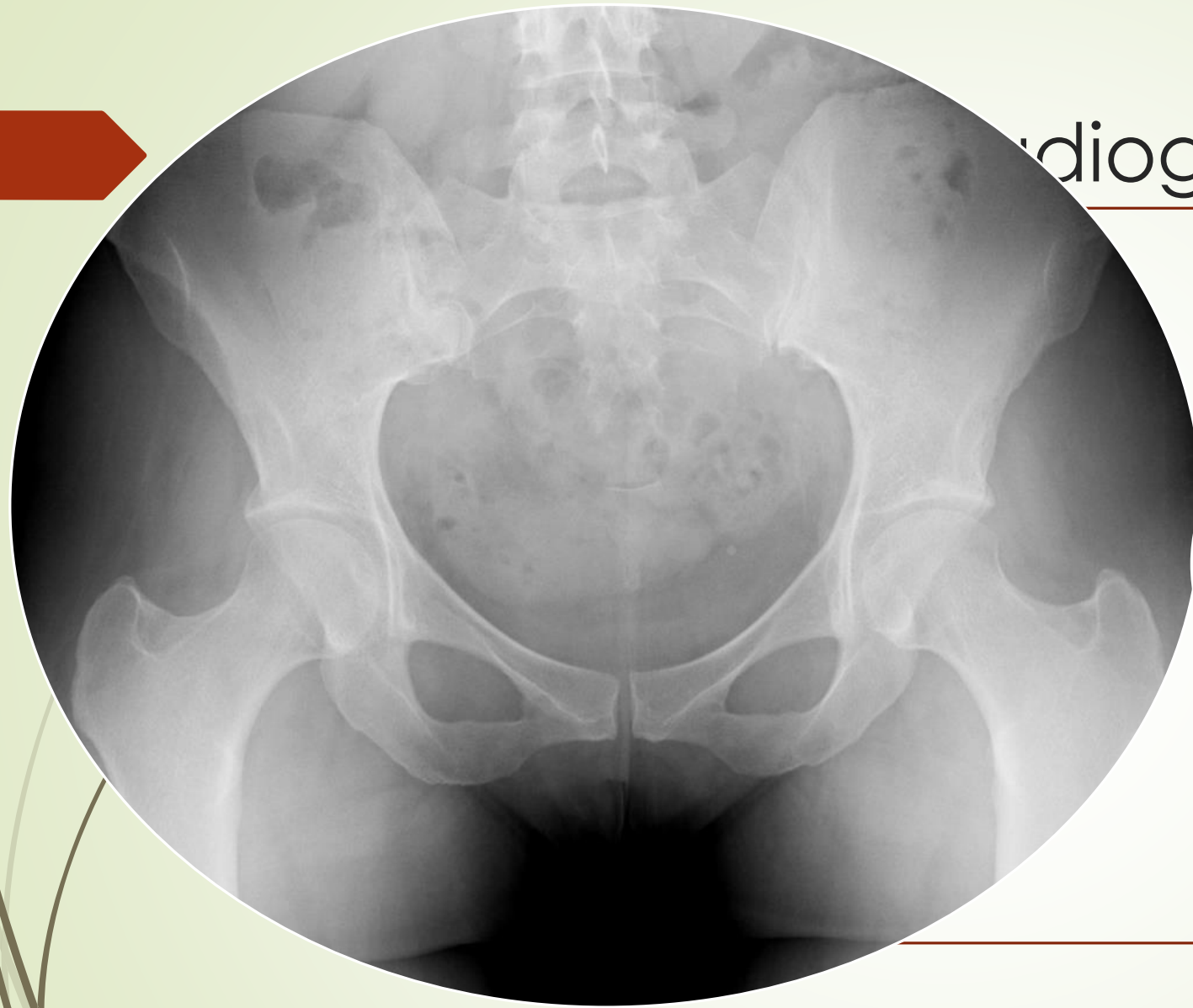
- Radiographic views
  - Identify the Body part
  - Labeling /Bio data (Name, Age, Date, Venue)
  - Bones & Joints
  - Skeletal maturity
  - Penetrance
  - Any abnormality (FITROAD)
- 



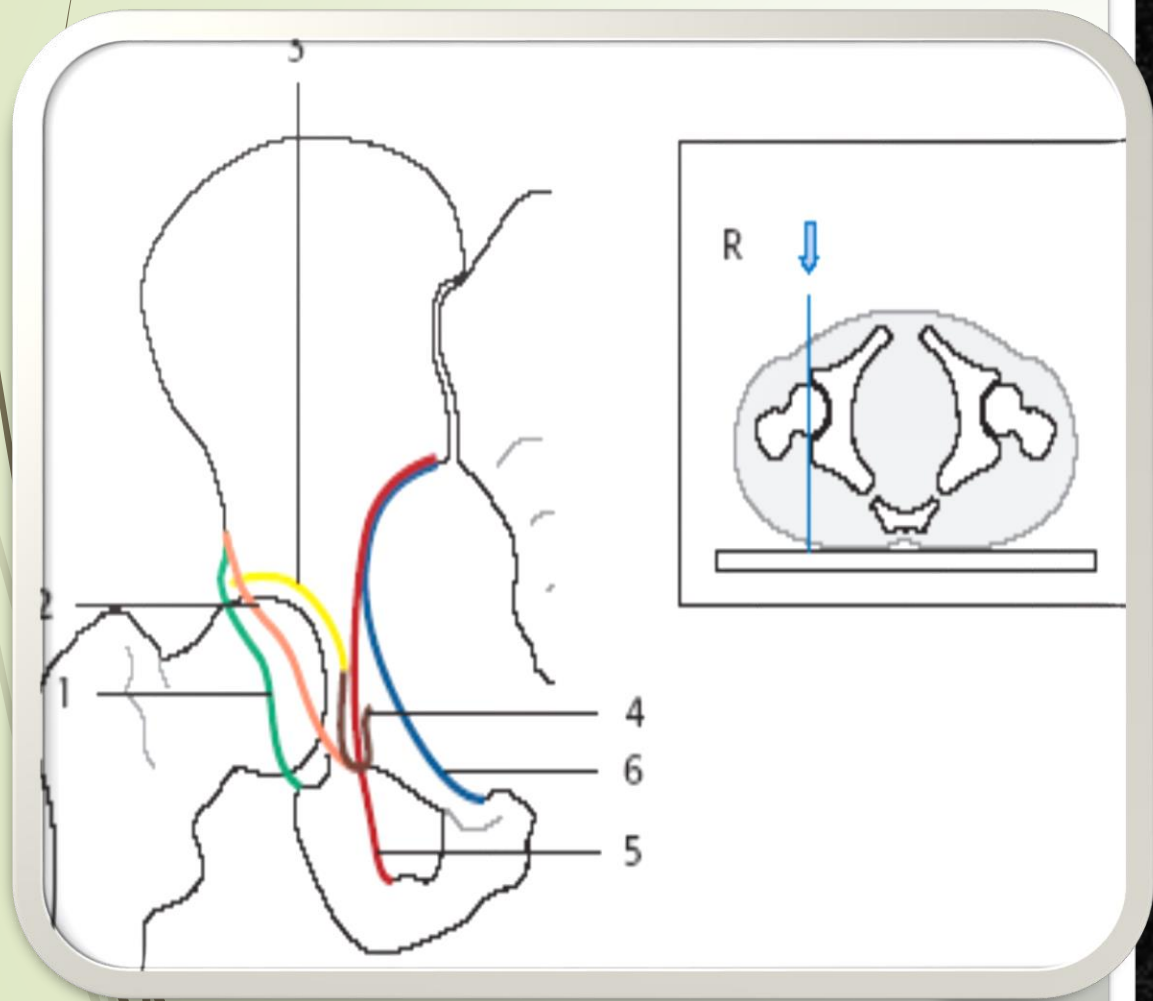
Radiology???



# radiograph



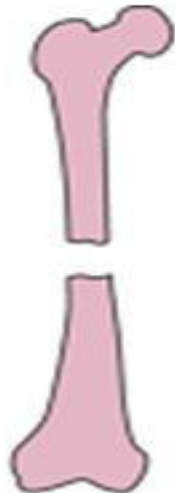




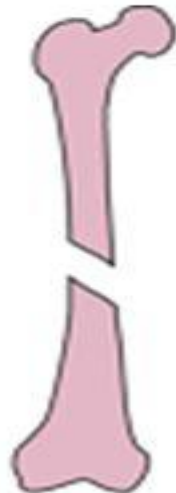
# FRACTURE PATTERNS



Normal



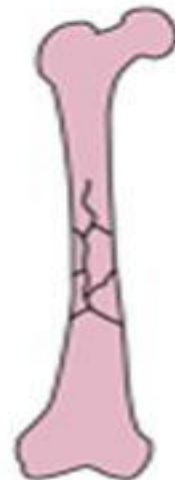
Transverse



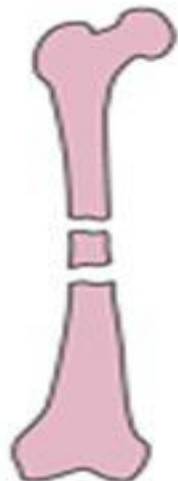
Oblique



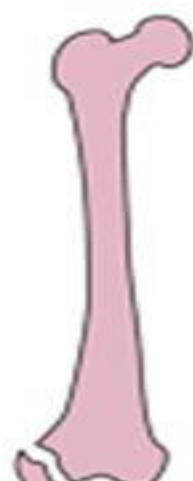
Spiral



Comminuted



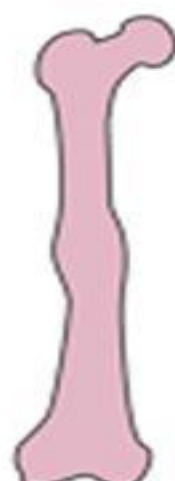
Segmental



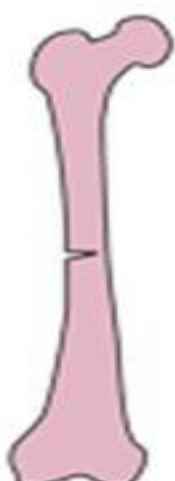
Avulsed



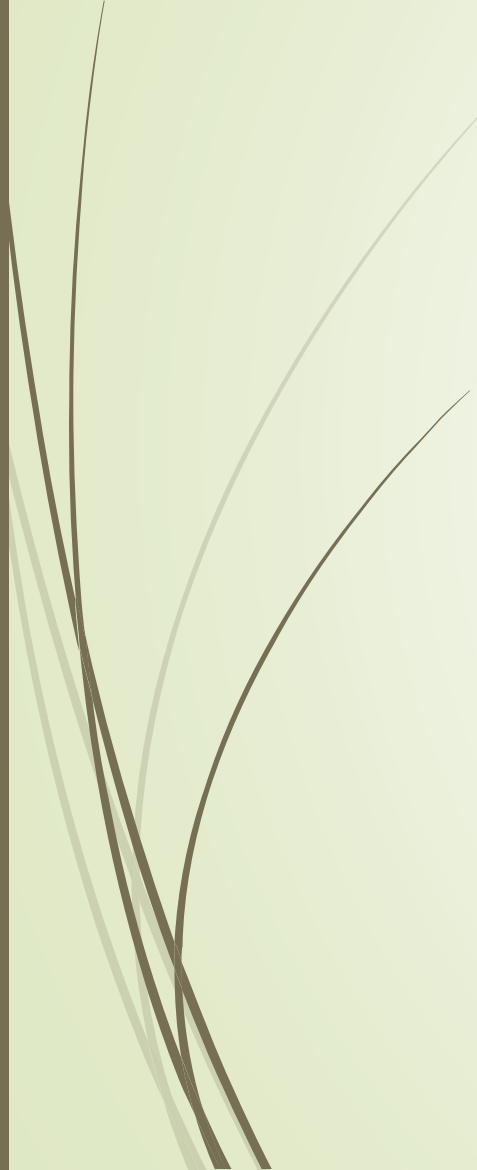
Impacted



Torus



Greenstick







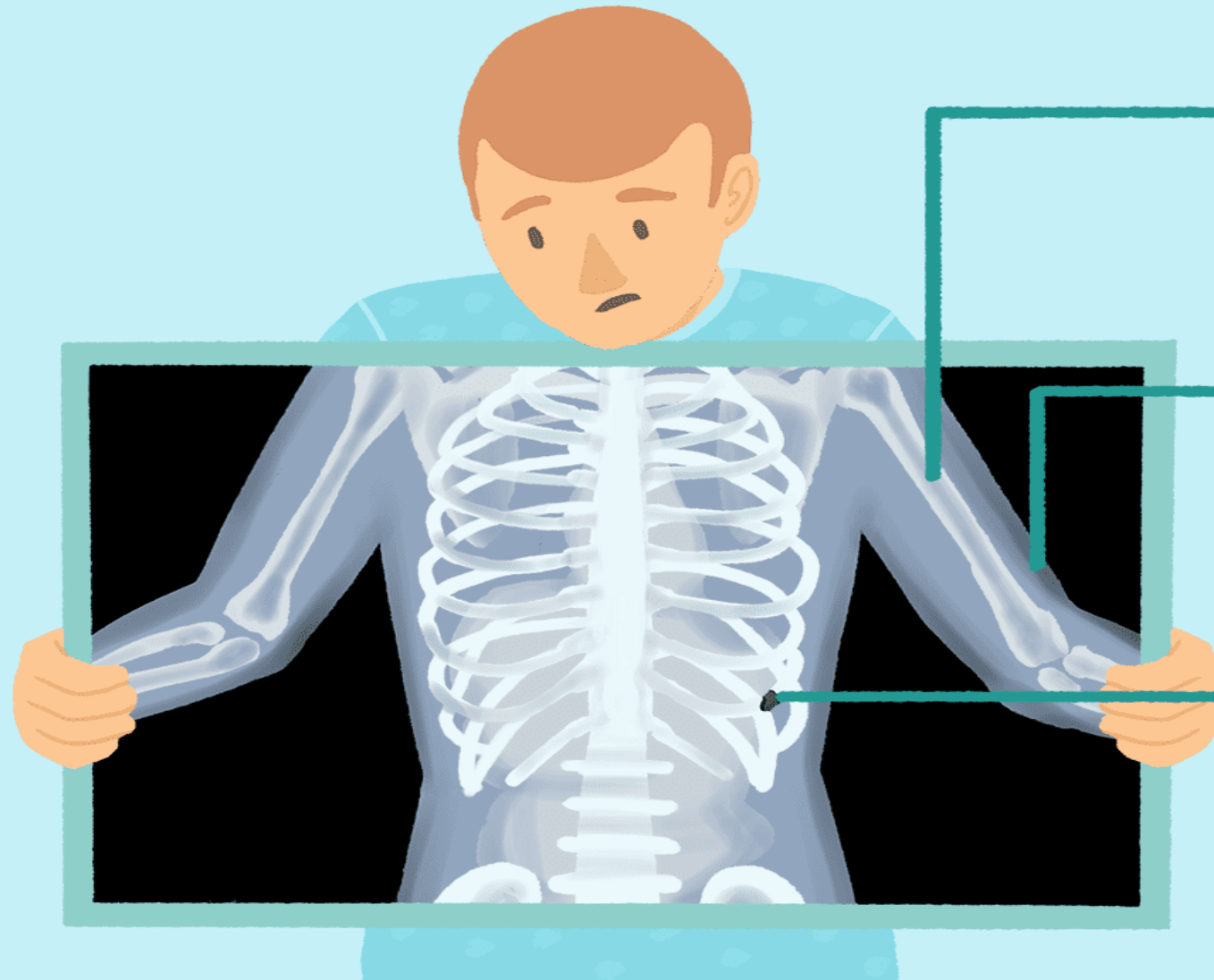


Bones

Soft tissues

fracture

# How to Read a Radiograph From an X-Ray



## **Bones**

Block radiation,  
appear white

## **Muscle, Fluid, Fats**

Some radiation passes  
through, appear grey

## **Breaks, Fractures**

Radiation passes  
completely through,  
appear black



Any Question ?





Thank  
you

