

Foot x ray

By

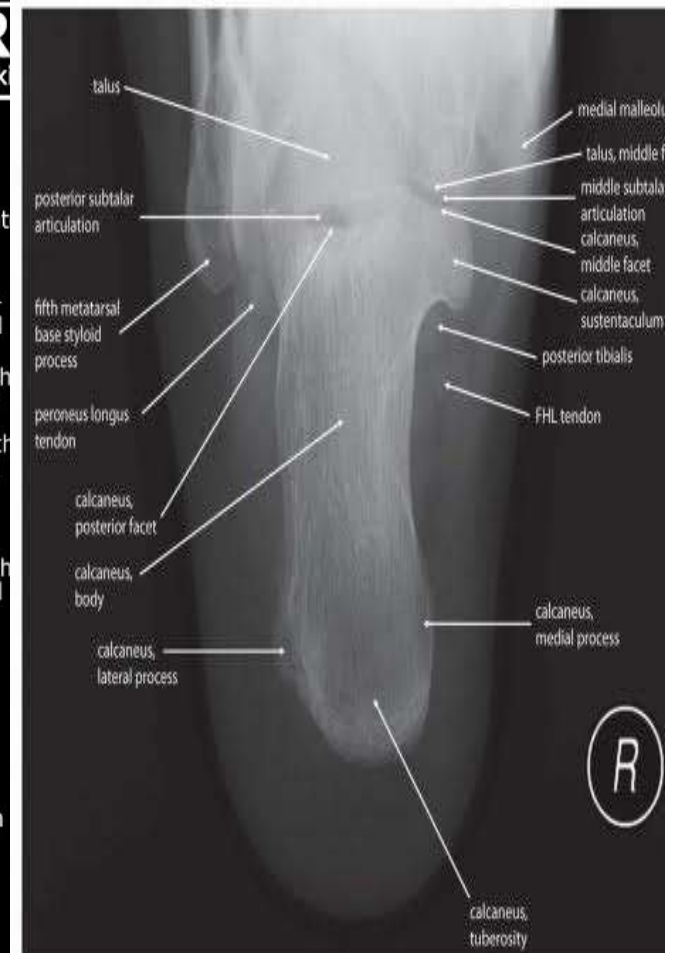
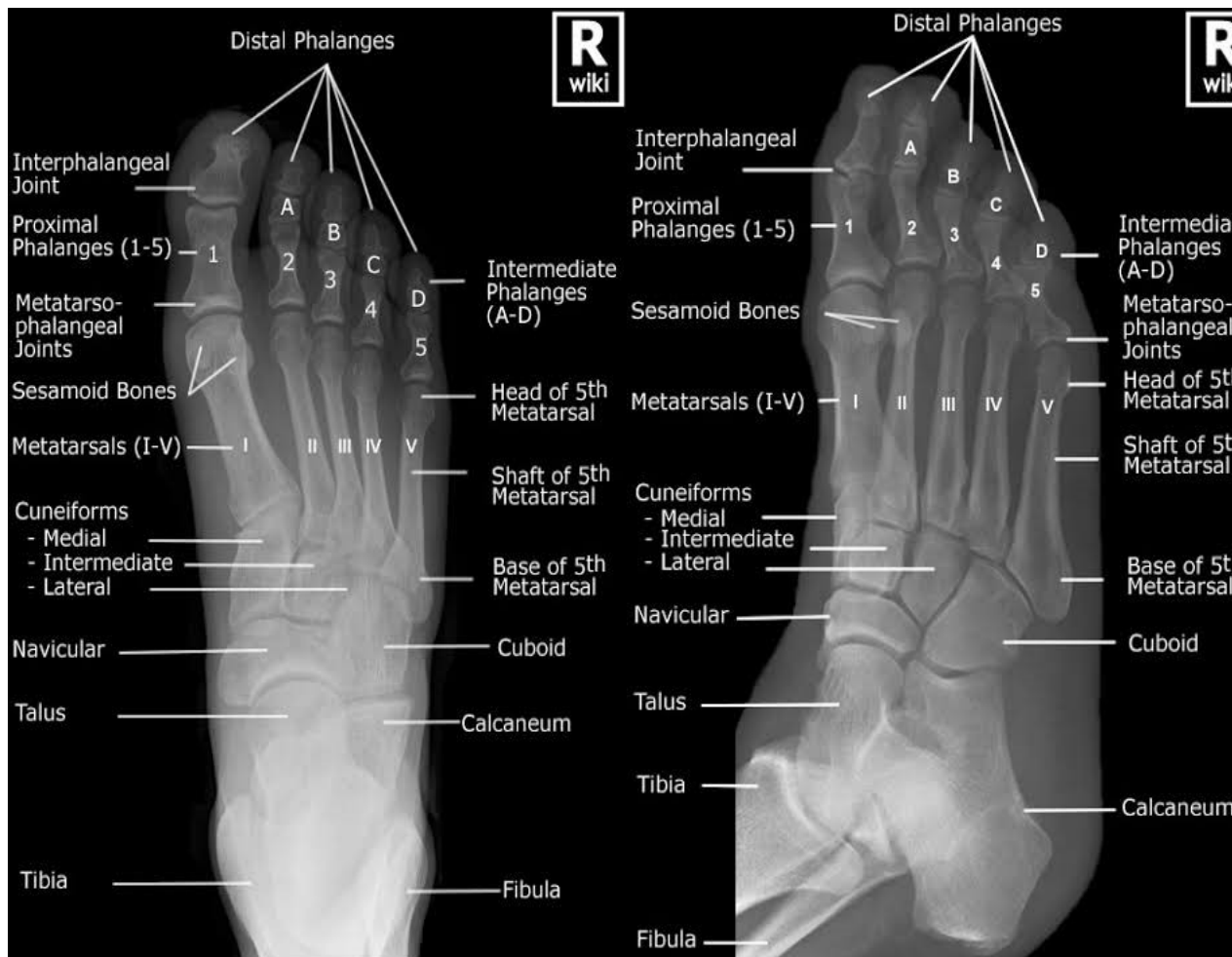
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Views

1. Foot AP view.
2. Foot oblique view.
3. Calcaneum axial view.



Indications

- ◆ **foot trauma**
- ◆ **bony tenderness at the base of the 5th metatarsal**
- ◆ **bony tenderness at the navicular bone**
- ◆ **inability to weight-bear more than four steps**
- ◆ **non-traumatic foot pain.**
- ◆ **swelling and deformities of bones.**

Contraindications

Pregnancy

Preparation

- ① **Collect History from patient.**
- ② **Patient is asked to remove all radiopaque materials.**
- ③ **Wear hospital gown.**
- ④ **If female patient come to x ray , chaperone is necessary.**
- ⑤ **Shielding is provided to patient.**

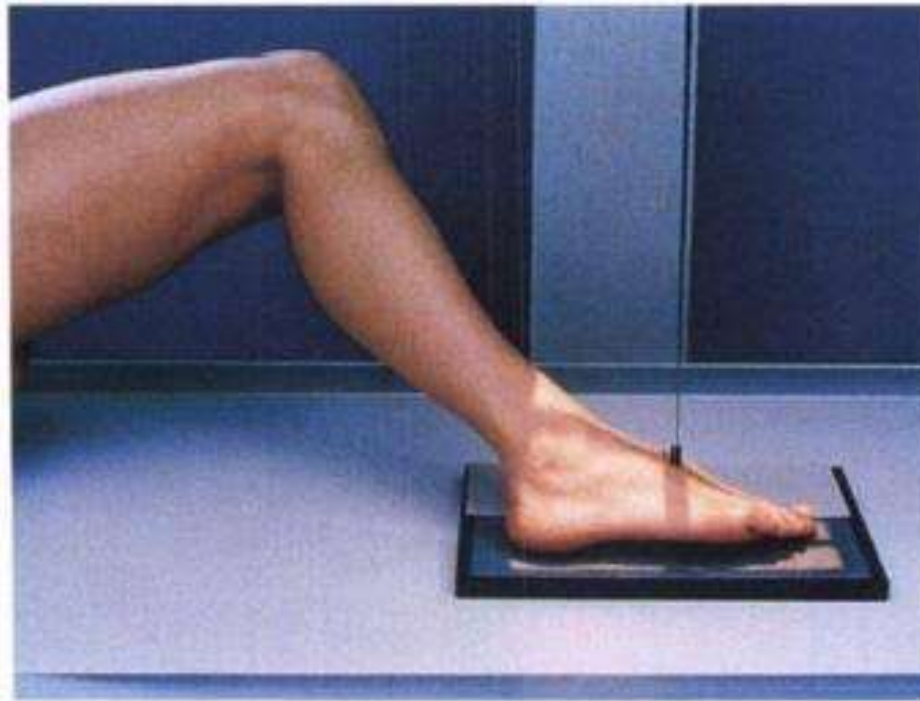
AP view Positioning

- ✓ Patient is seated on x ray table with knees flexed.
- ✓ The affected foot is placed on the cassette.
- ✓ Patient is immobilised , side is marked and beam is collimated.



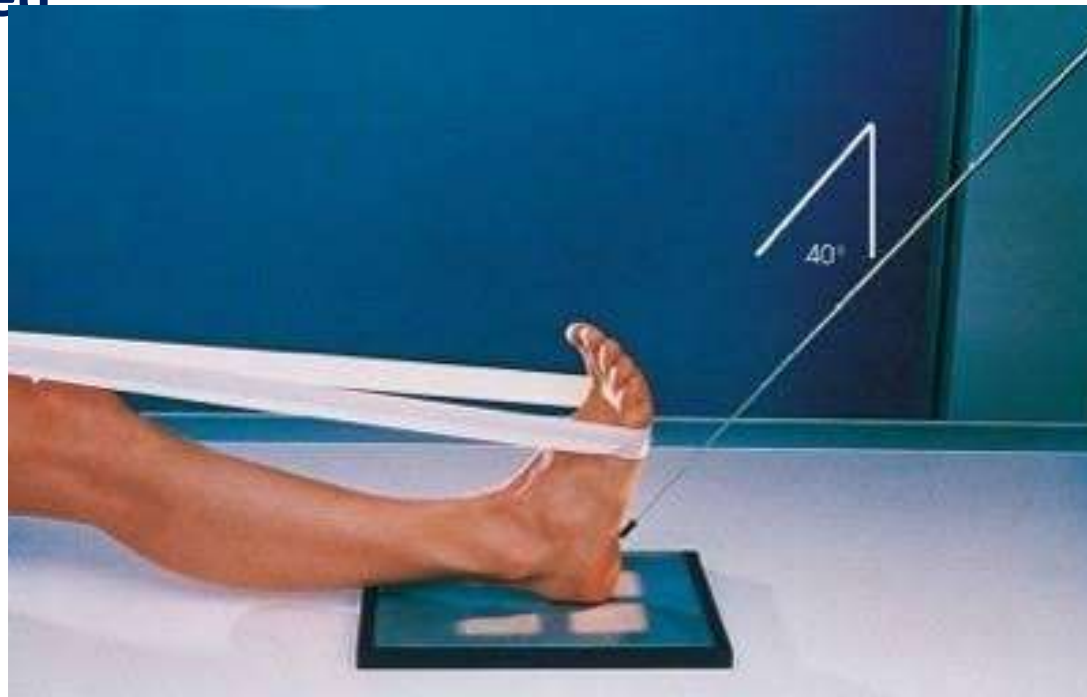
Oblique view positioning

- ✓ Patient is seated on x ray table with knees flexed.
- ✓ Affected foot is placed on cassette and it's lateral border is raised on a pad.
- ✓ Patient is immobilised. Side is marked and beam is collimated.



Axial view of calcaneum positioning

- ✓ The patient is seated on x ray table with legs extended.
- ✓ Affected side ankle is dorsiflexed placing the heel on the cassette.
- ✓ The patient is asked to hold the ankle by the help of a bandage cloth sling over the foot.
- ✓ Patient is immobilised side is marked and beam is collimated



Centering

- **FOOT AP** : It is done on the dorsum of foot over navicular - cuboid junction.
- **Foot oblique**: It is done on the dorsum of foot over navicular - cuboid junction.
- **Axial view of calcaneum** : it is done on middle of sole of foot

Technique

KVp : 60

mAs:15

FSS : small

FFD :100 cms.

With out grid

Cassette size: 12"x10"

Success is Simple.

Do What's Right,

The Right Way,

at The Right Time.