

Intertrochanteric Fractures

Emil H Schemitsch MD

Case 1

- 55 year old man
- 1 month history of mild right thigh “aching”
- Fall while hiking
- Severe right hip pain
- Otherwise well
- Seen in a community hospital

R

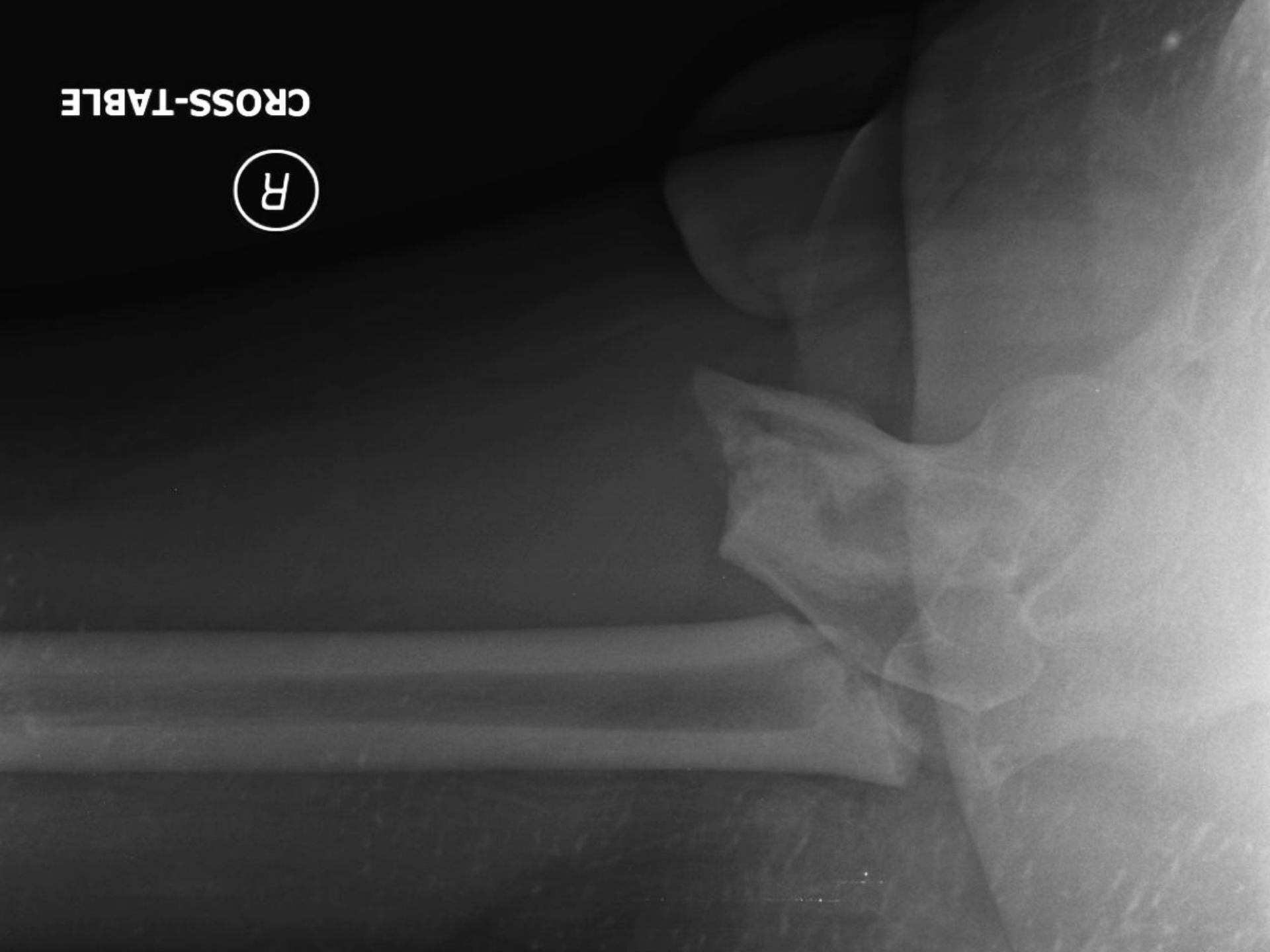




AP
CROSS-TABLE

(R)

CROSS-TABLE



Now what?

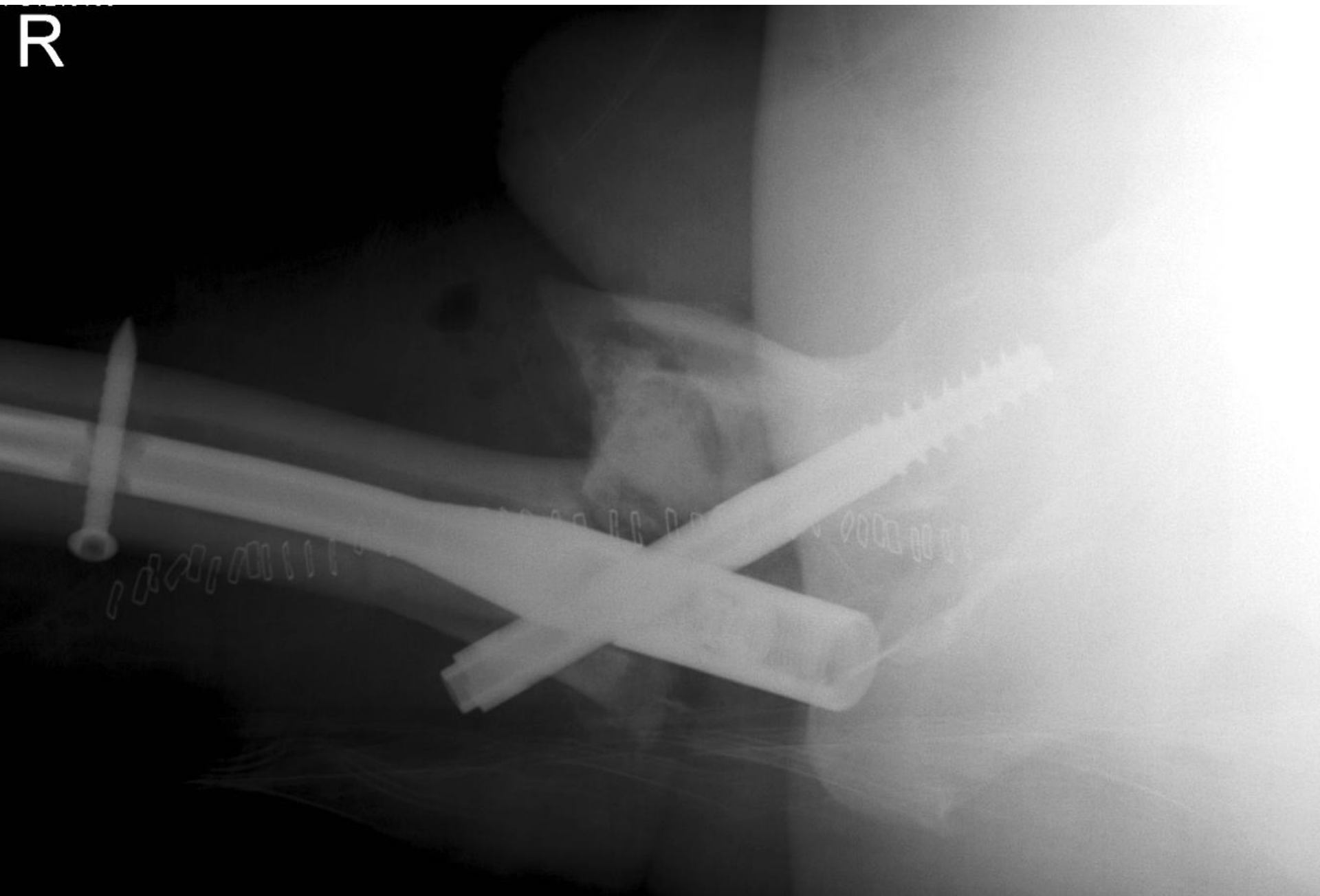
Now what?

- Pathologic fracture
- Work-up negative

R
TR



R



- 3 months post-op
- Ongoing pain right hip
- Review of intra-op pathology report from initial surgery: bone debris but no other pathology

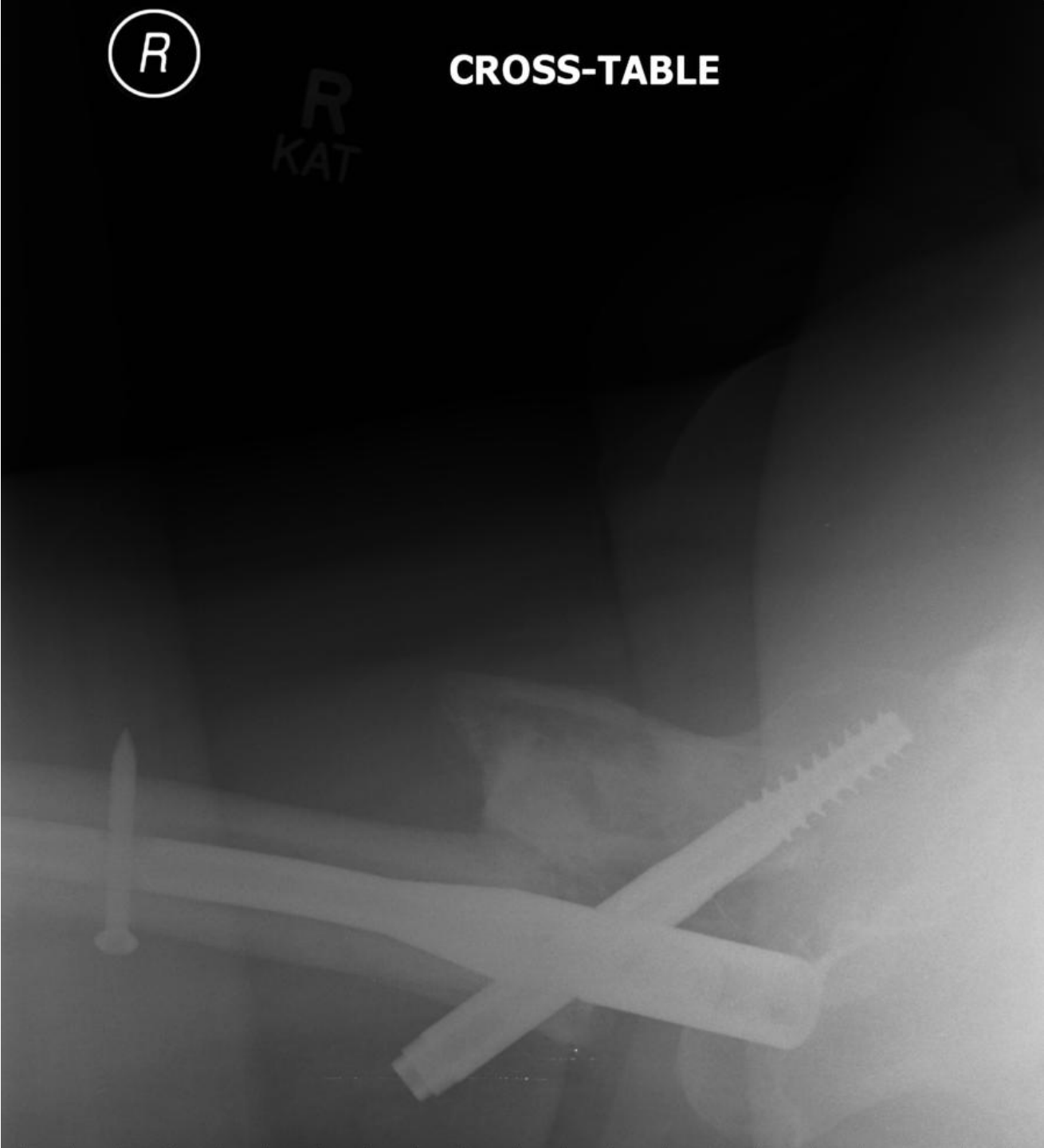


R
KAT



CROSS-TABLE

R
KAT

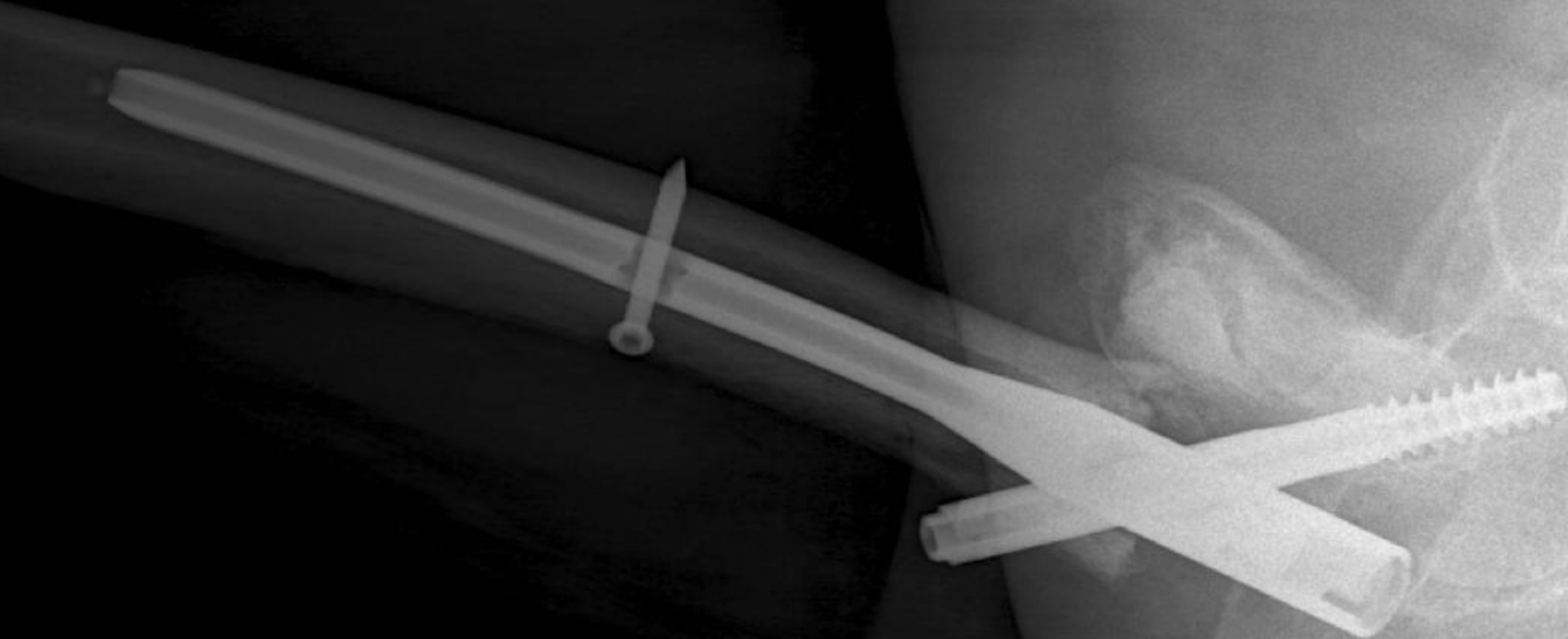


- 4 months post-op
- Ongoing pain right hip



R
MS

R



- 6 months post-op
- Progressive discomfort and difficulty wait-bearing.
- Infection work-up negative
- Metabolic work-up negative
- Referred for further treatment

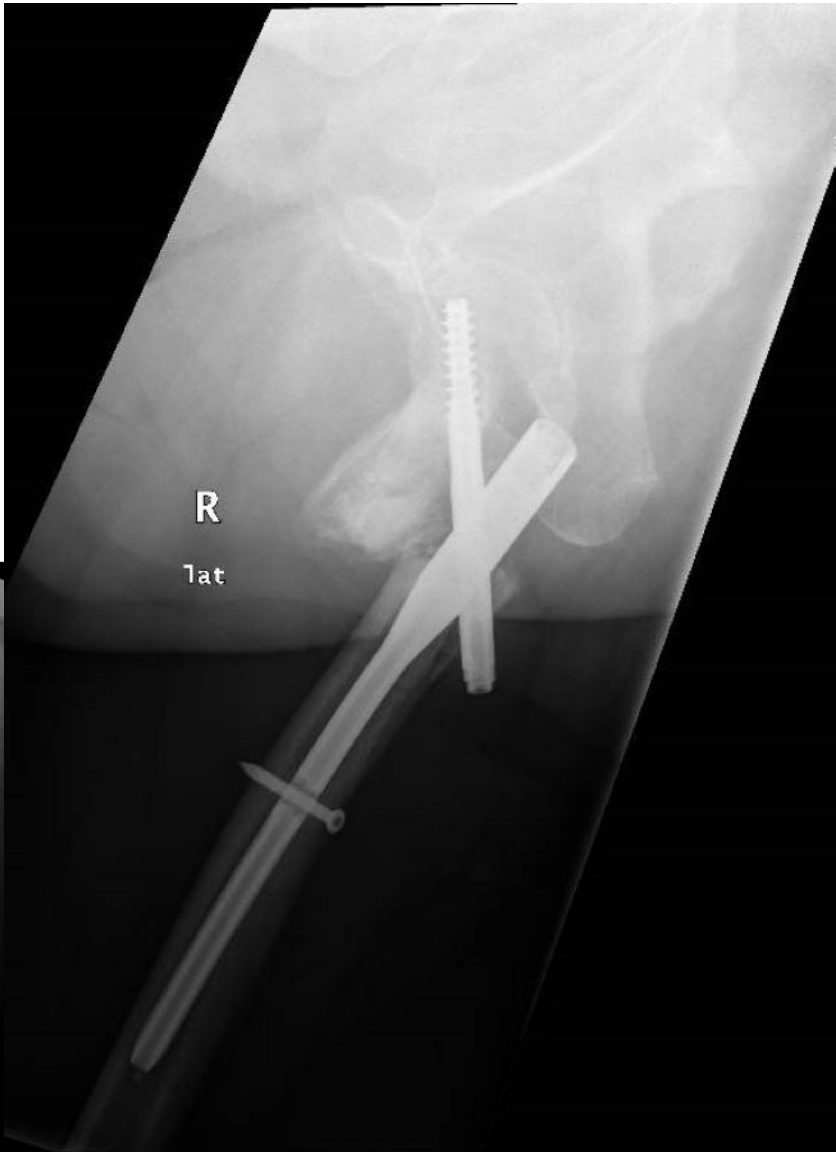
R

ap

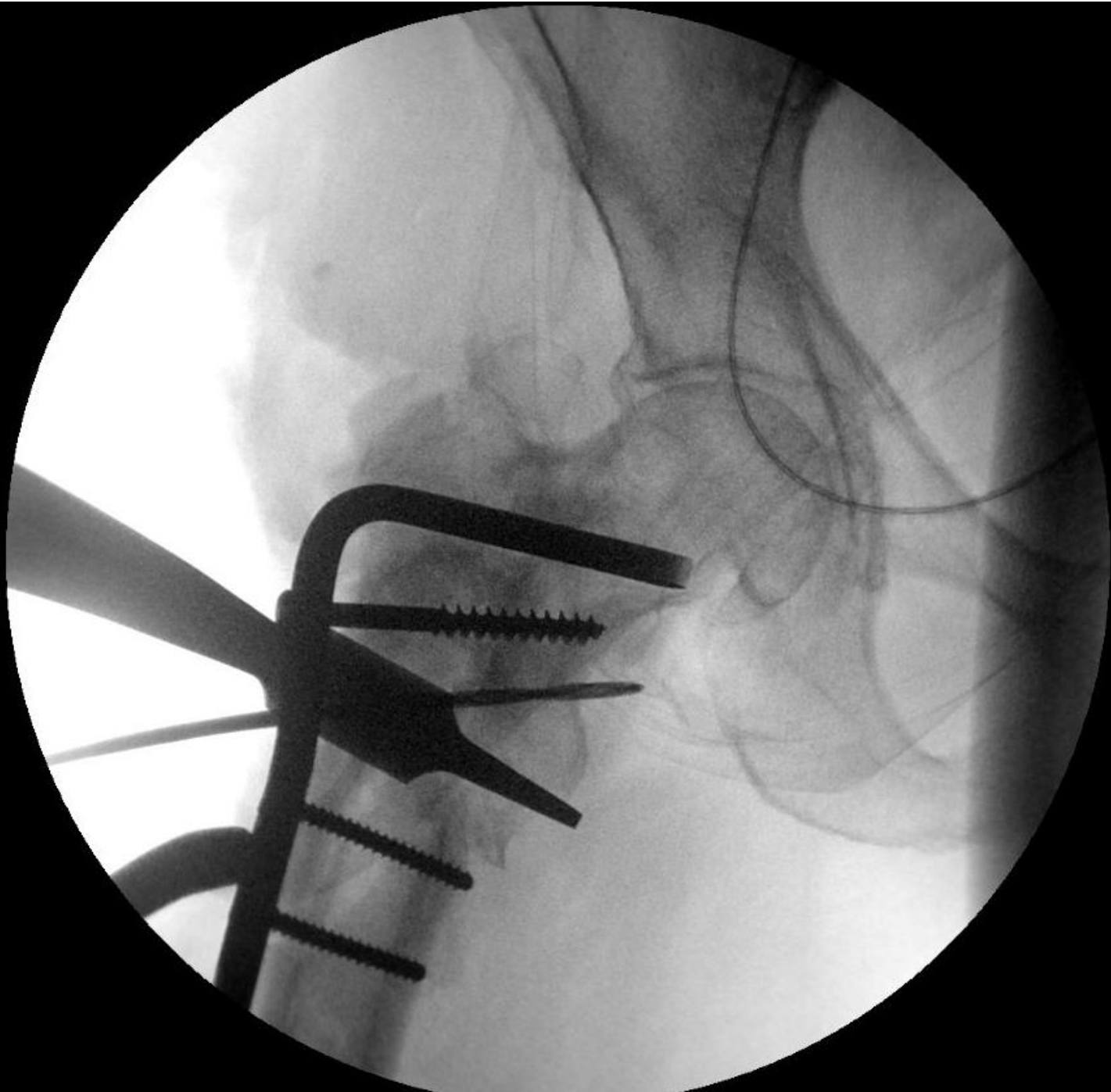


R

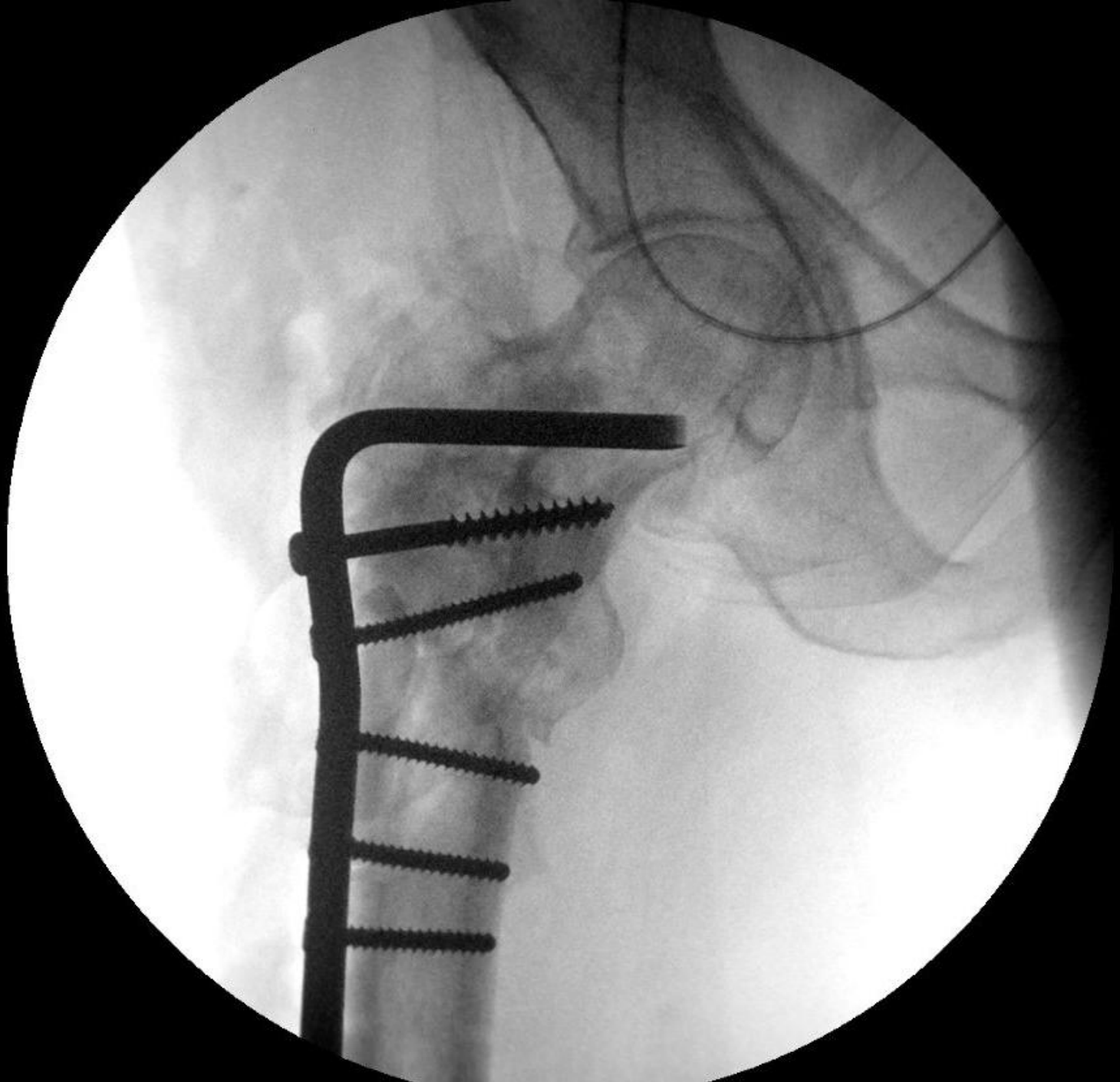
Tat



- Surgery
 - Hardware removal
 - No sign of infection
 - Bone biopsy: frozen sections -ve







- Seen in clinic one week post-op





- Final pathology and cultures negative



R



Now what?

R



R



R





Case 2

- 78 year old female
- 8 year history of alendronate use for osteoporosis
- 3 weeks of prodromal thigh pain
- Low-energy fall, unable to weightbear

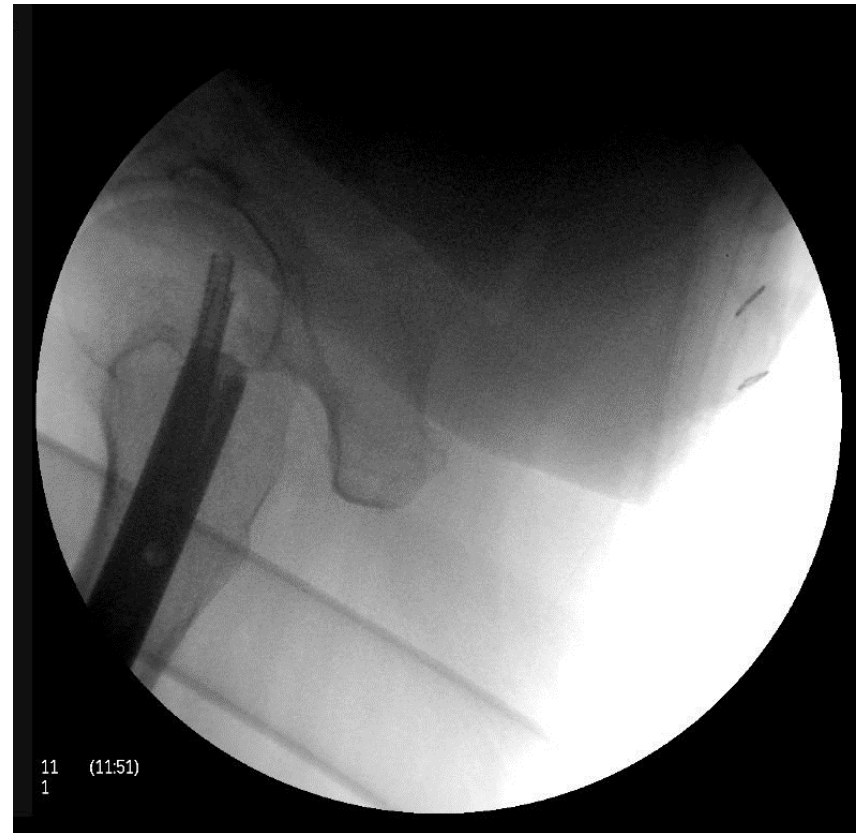
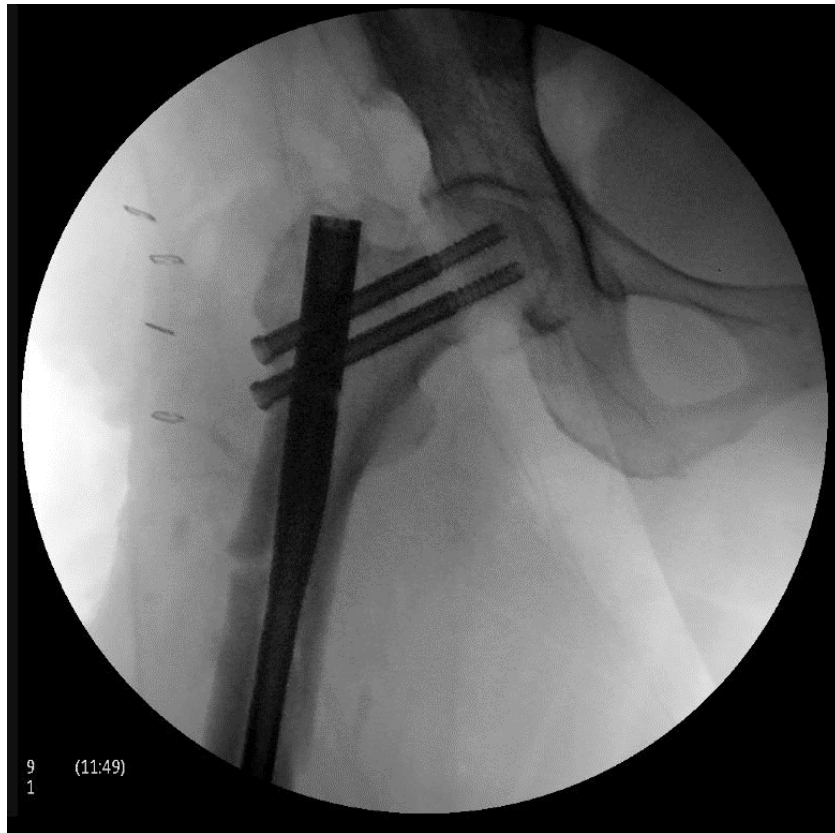
(R)
SUPINE



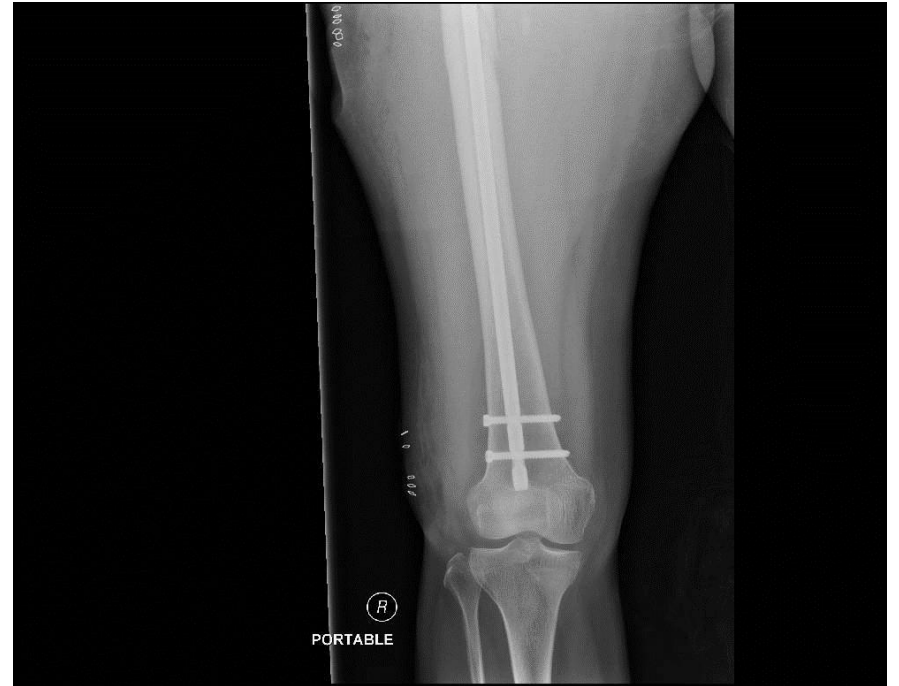
(R)
CROSS-TABLE



Undergoes IM nailing



Initial post-ops

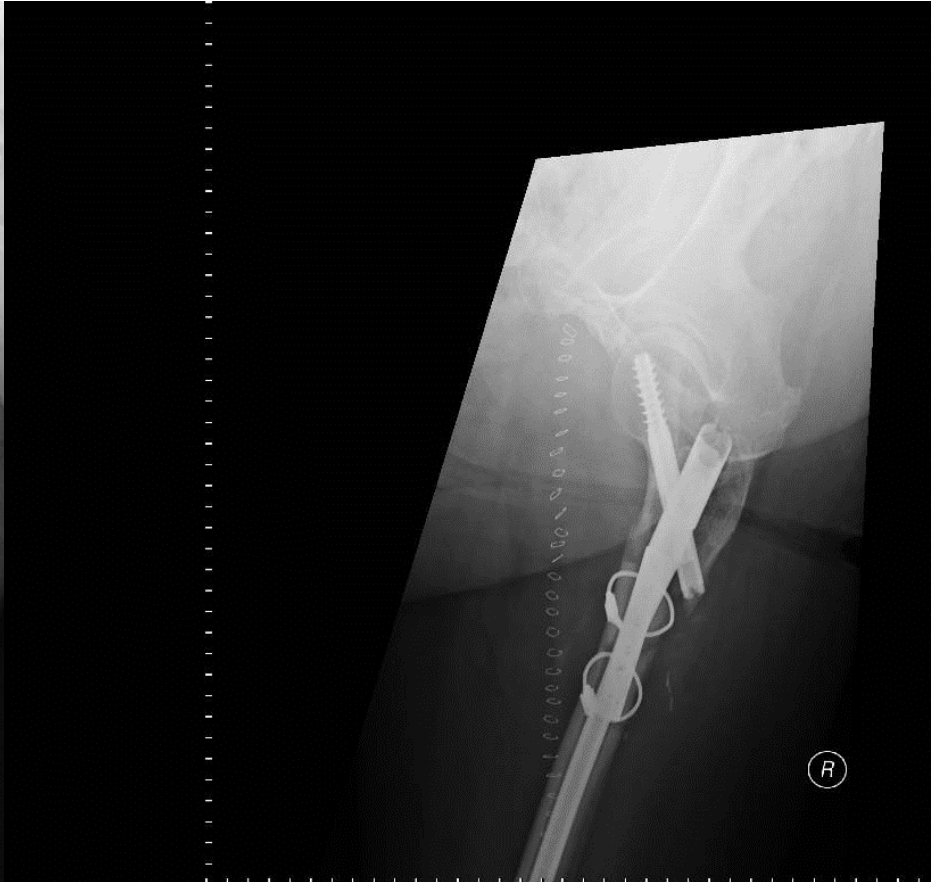


3 months later - referred

- Wound well healed
- No constitutional sx
- ESR = 55, CRP = 13

3 months later





- Staph epi treated with 6 weeks of septrad DS



Case 3

- 46 year-old man ATV driver crashes
- Sustains left hip injury.

- ATLS is clear. This is an isolated injury.
- History: Healthy, no meds or allergies.
Smoker 1 pack per day
- Physical: NV intact. Left leg short. No open wounds. Compartments soft



15:49:38

M

15:49:38
10/07/2012
IM:3
15:49:38

SF



- Has surgical management by colleague.







- Patient is followed by treating surgeon for one year and referred to you for ongoing hip pain



- ESR, CRP negative.
- Metabolic work-up including vitamin D is normal.



One year follow-up



THANK YOU