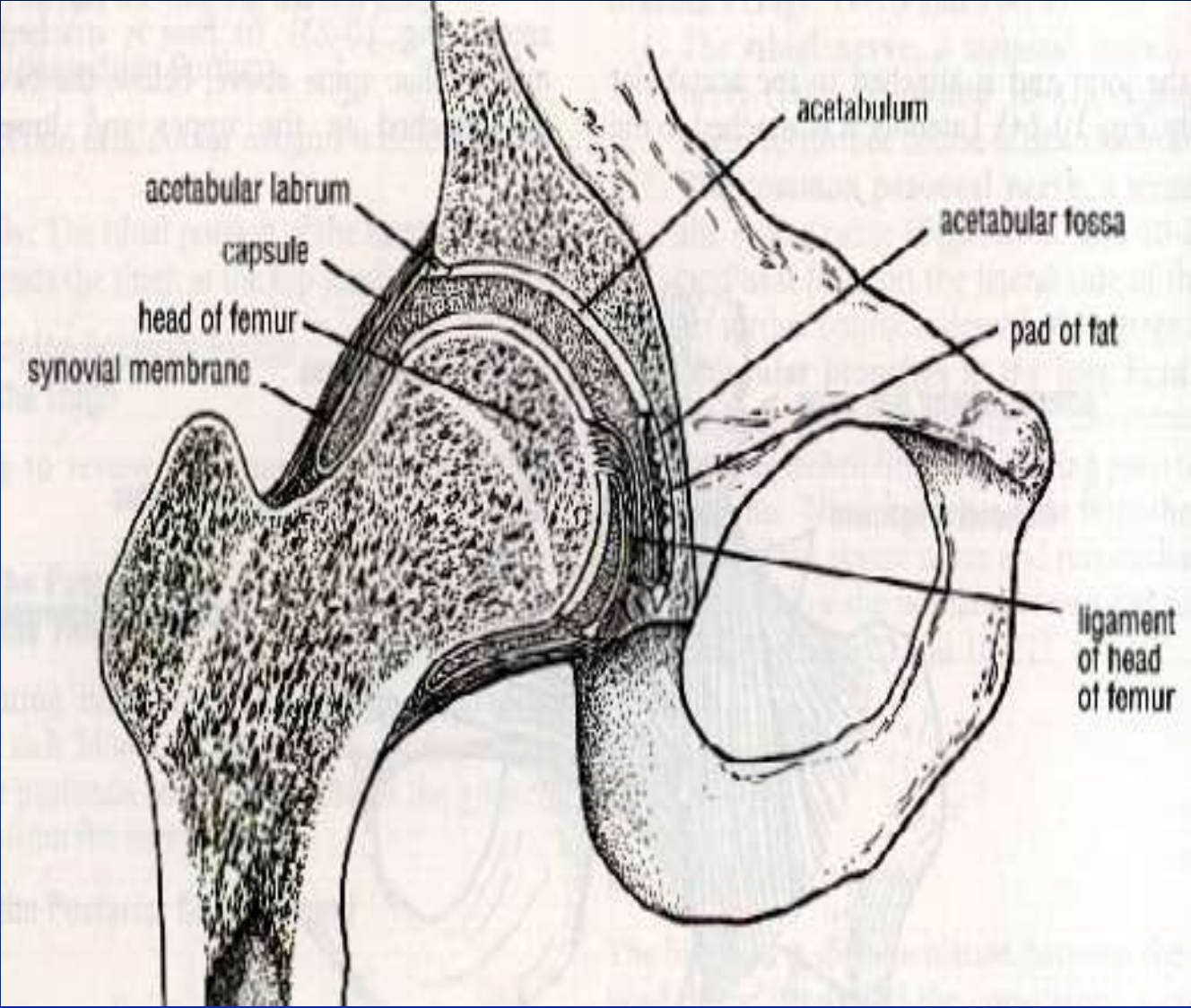


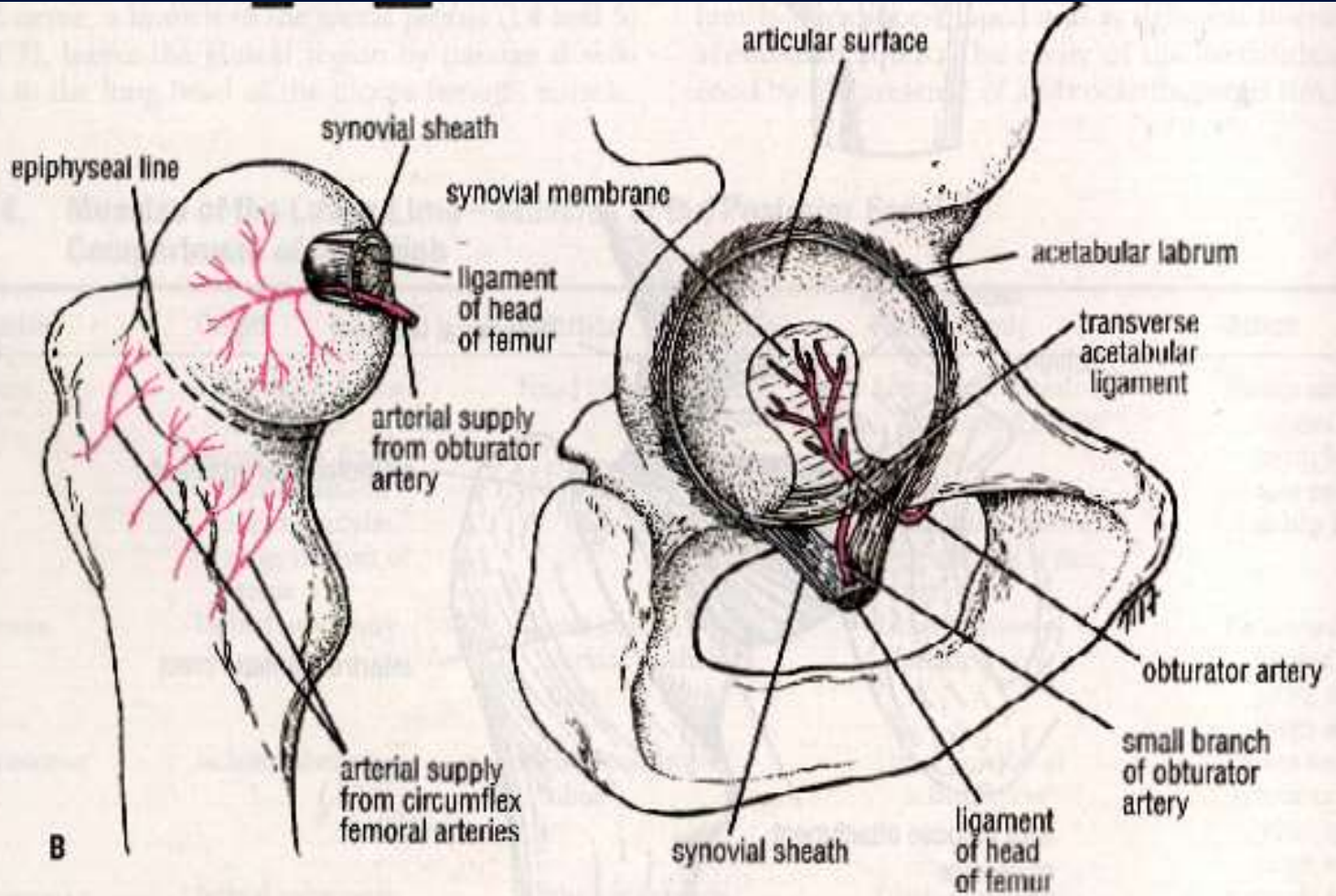
# Andy Murray and Other Hips

The Good the Bad and the Ugly

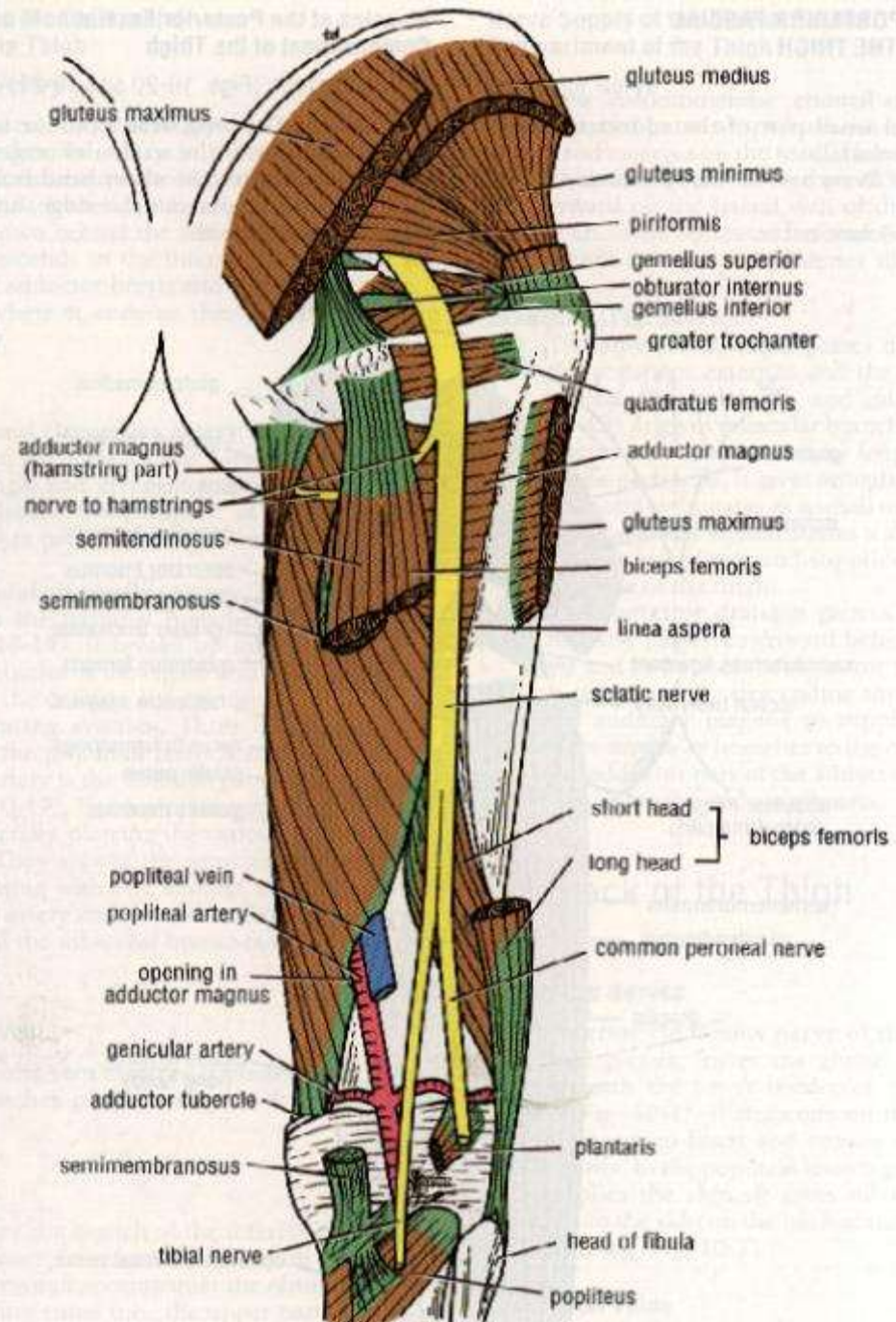
Mr K J Drabu

Trauma and Orthopaedic Consultant





**FIGURE 10-24** (A) Coronal section of the right hip joint and (B) articular surfaces of the right hip joint and arterial supply of head of femur.



**FIGURE 10-21** Deep structures in the posterior aspect of right thigh.



# Arthritis with AVN



# Osteoarthritis

1. Condition affecting elderly females more than males
2. Pain and stiffness with limitation of ADL
3. 80,000 THRs performed per annum in UK
4. Loss joint space, sclerosis, osteophytes, cysts
5. Initial treatment conservative
6. THR one of the most successful elective operations
7. Comps Infection, dislocation, late aseptic loosening
8. Life expectancy of THR may be 80% at 20 - 25 years
9. In the younger patient maybe due to dysplasia

# Symptoms from an Arthritic Hip

Groin pain

Thigh Pain

Knee Pain

Gluteal and Back Pain

Stiffness





# Rheumatoid Arthritis

1. Multi-system disease
2. Pain and stiffness
3. Loss of joint space, peri-articular osteoporosis
4. Late OA changes
5. Drug management for early disease
6. THR is successful but be aware of late sepsis

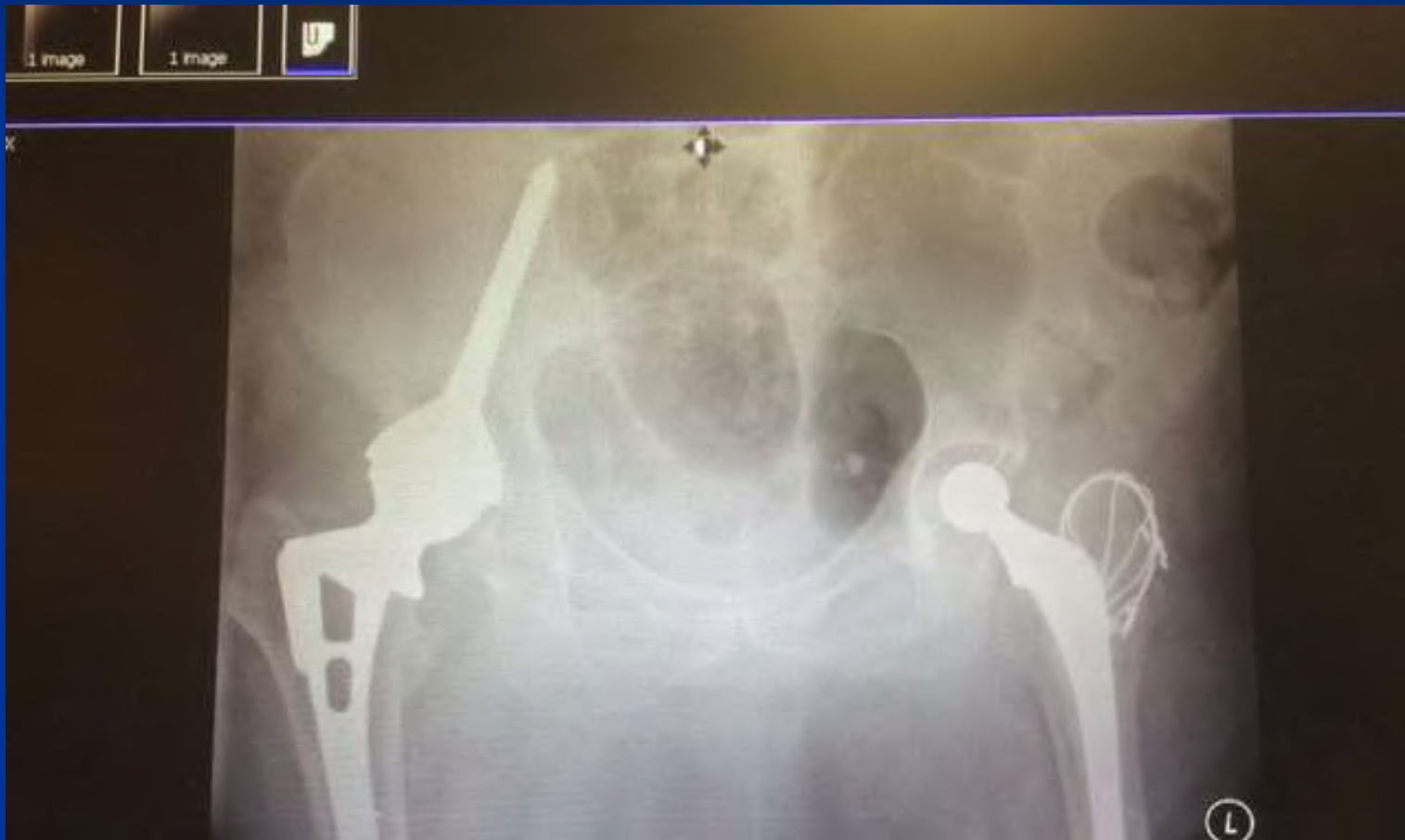
# Avascular Necrosis

1. Bone death due to inadequate blood
2. Causes: Alcohol/Steroids/Sickle/Bends
3. Maybe relatively painless but progressive

Treatment

THR or Hip Resurfacing??

# How long does a hip last?



# Types of Hip Replacements

Cemented

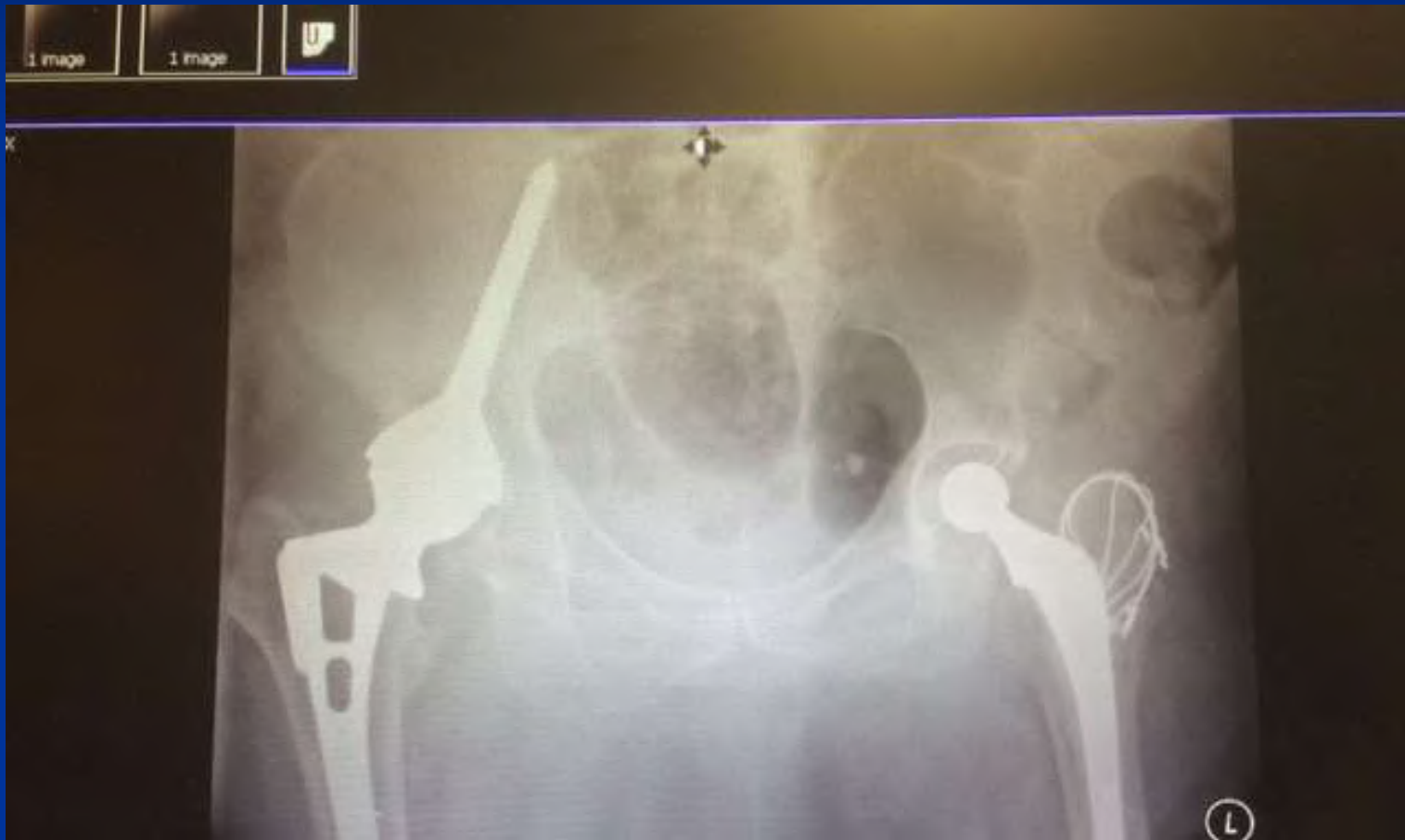
Non-cemented

Hip Resurfacing

All hips are made of metal

It is the bearing surface that matters – Ball and socket liner

# How long does a hip last?



# Progress?

This needed re-doing (revising at 3 days!!!)



# National Joint Register

- All joints
- All types of hips
- All surgeons
- All hospitals
- Results – successes and failures
- ODEP Rating – 10 A Plus – 15 A Plus



# NHS Constraints £££!!!

Present to GP with MS Problem

GP sends to MSK – Physios and ESP

Physios treat and advised not to refer forwards

Jump over a barrier/hurdle to see specialist

Further destruction of joint

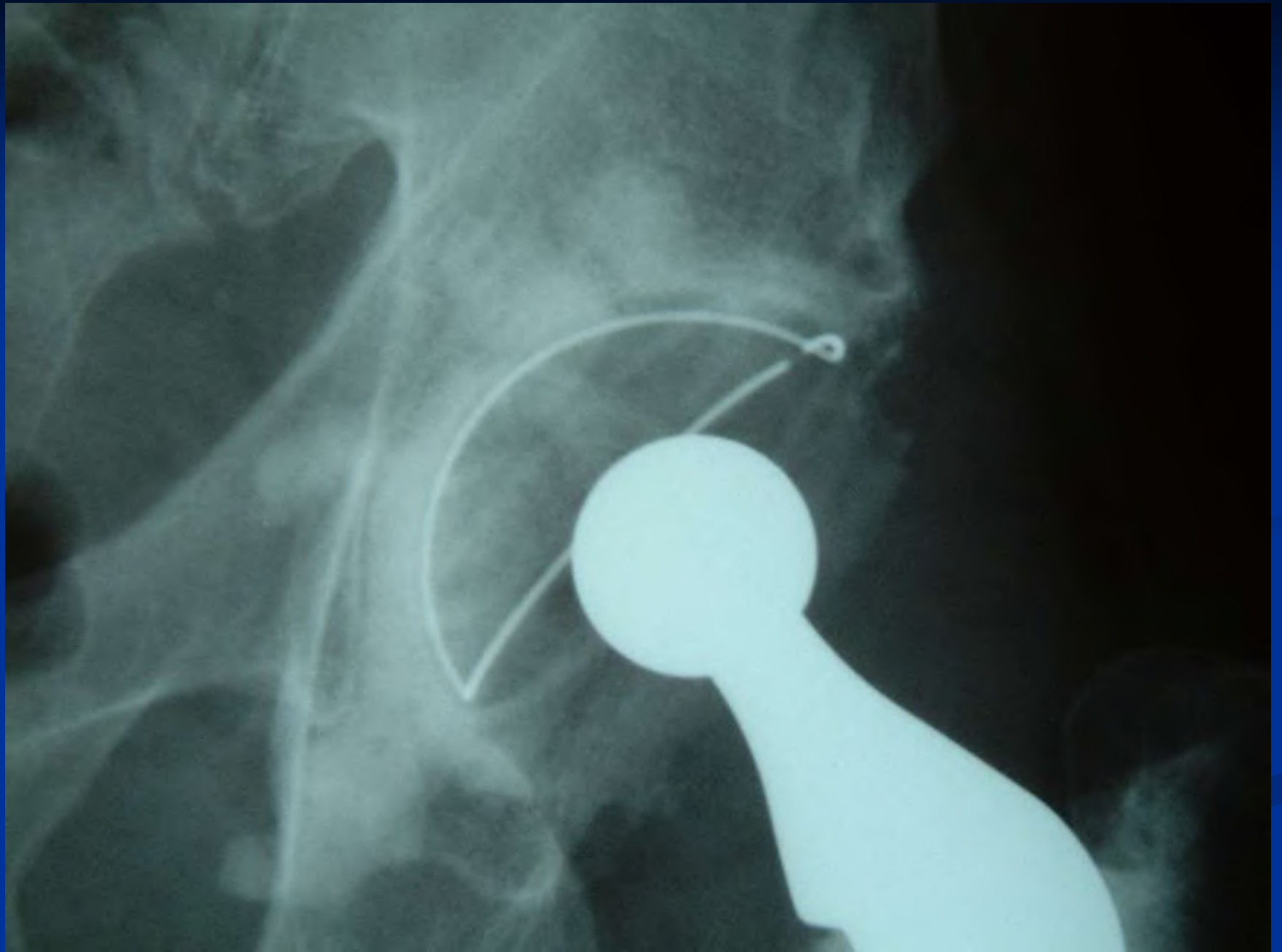
Delay in receiving appropriate surgical opinion

Poorer end result

Consider C&B if not Privately Insured













EX 393

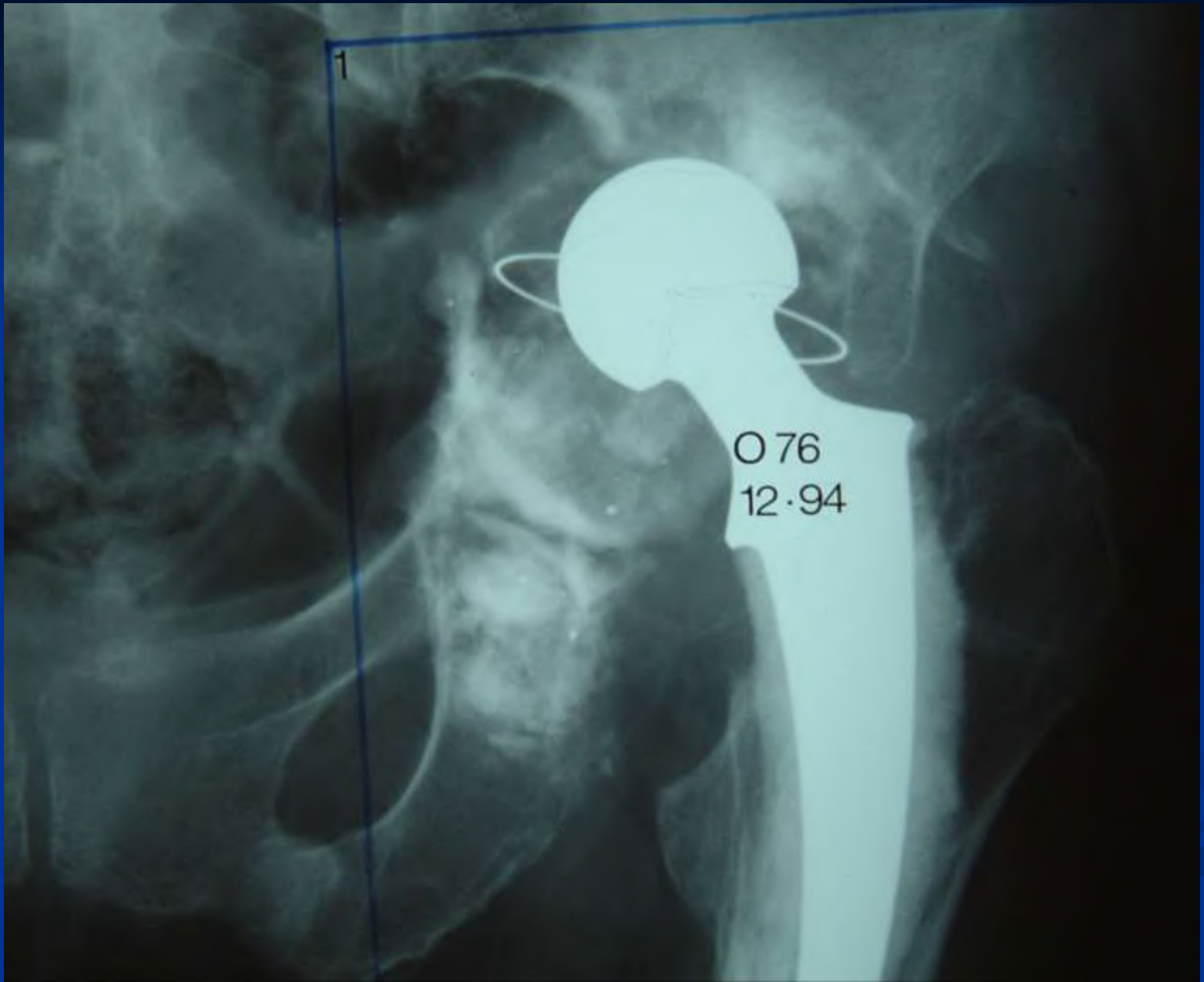
9-94



EX393  
10-94



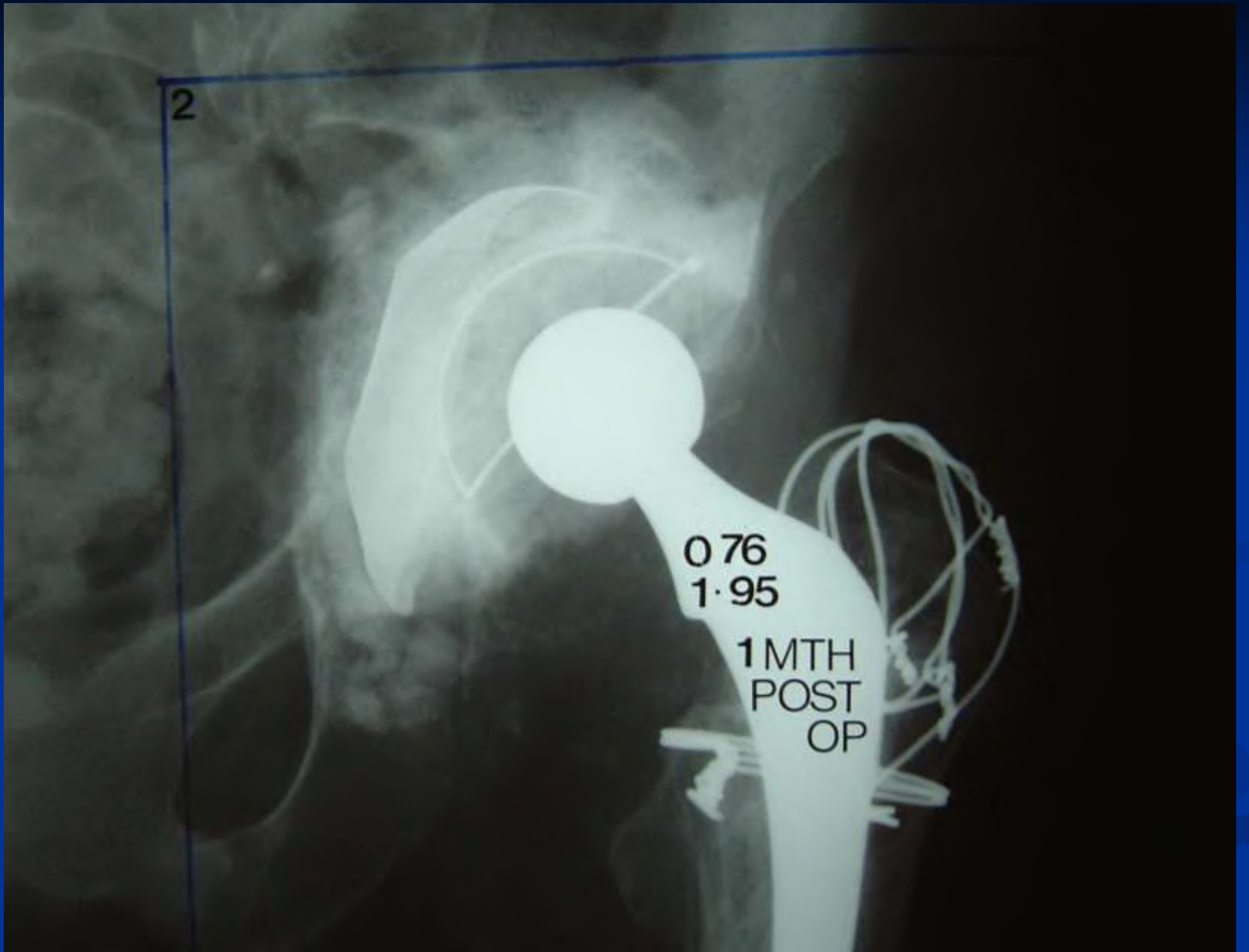


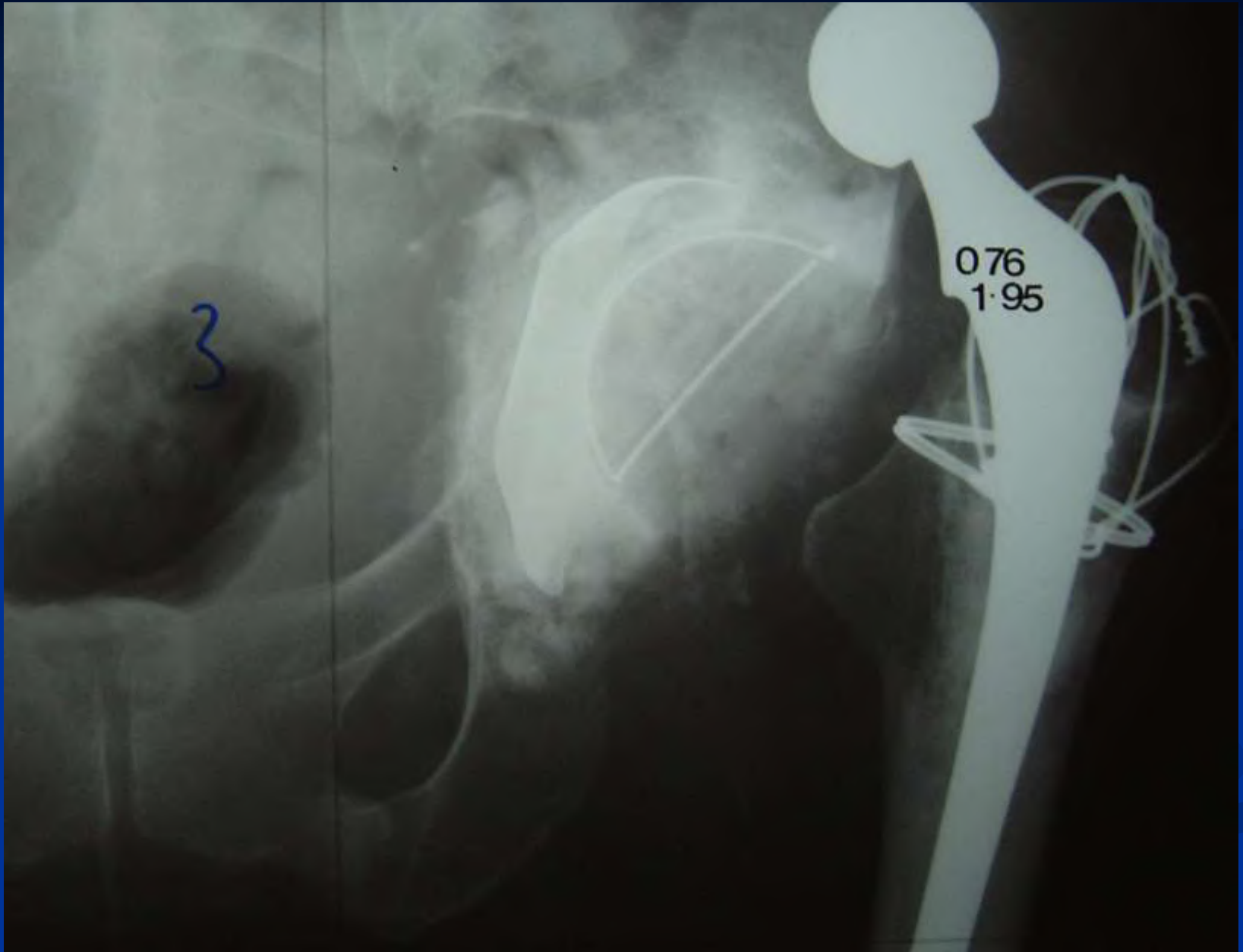


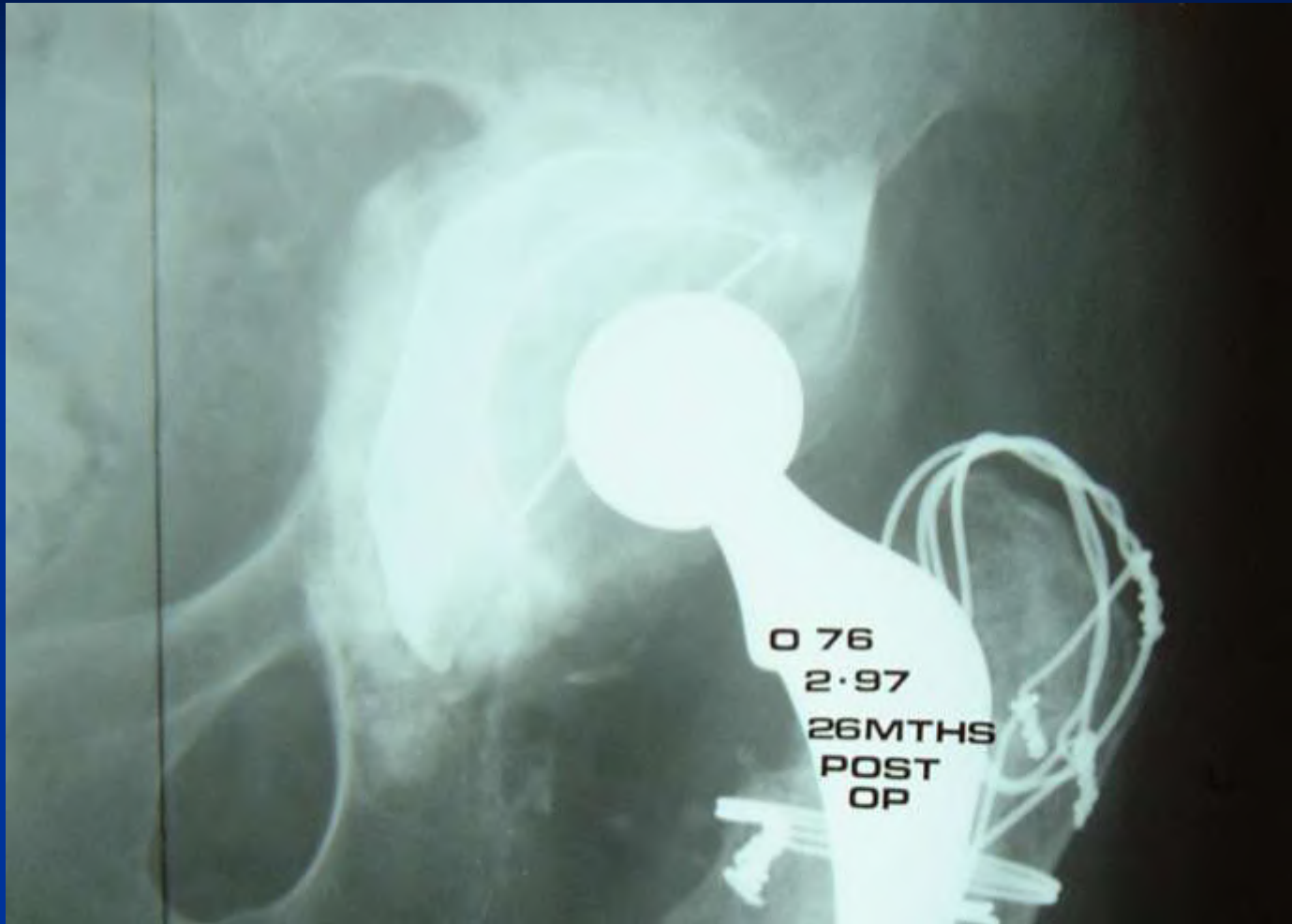
2

0.76  
1.95

1 MTH  
POST  
OP

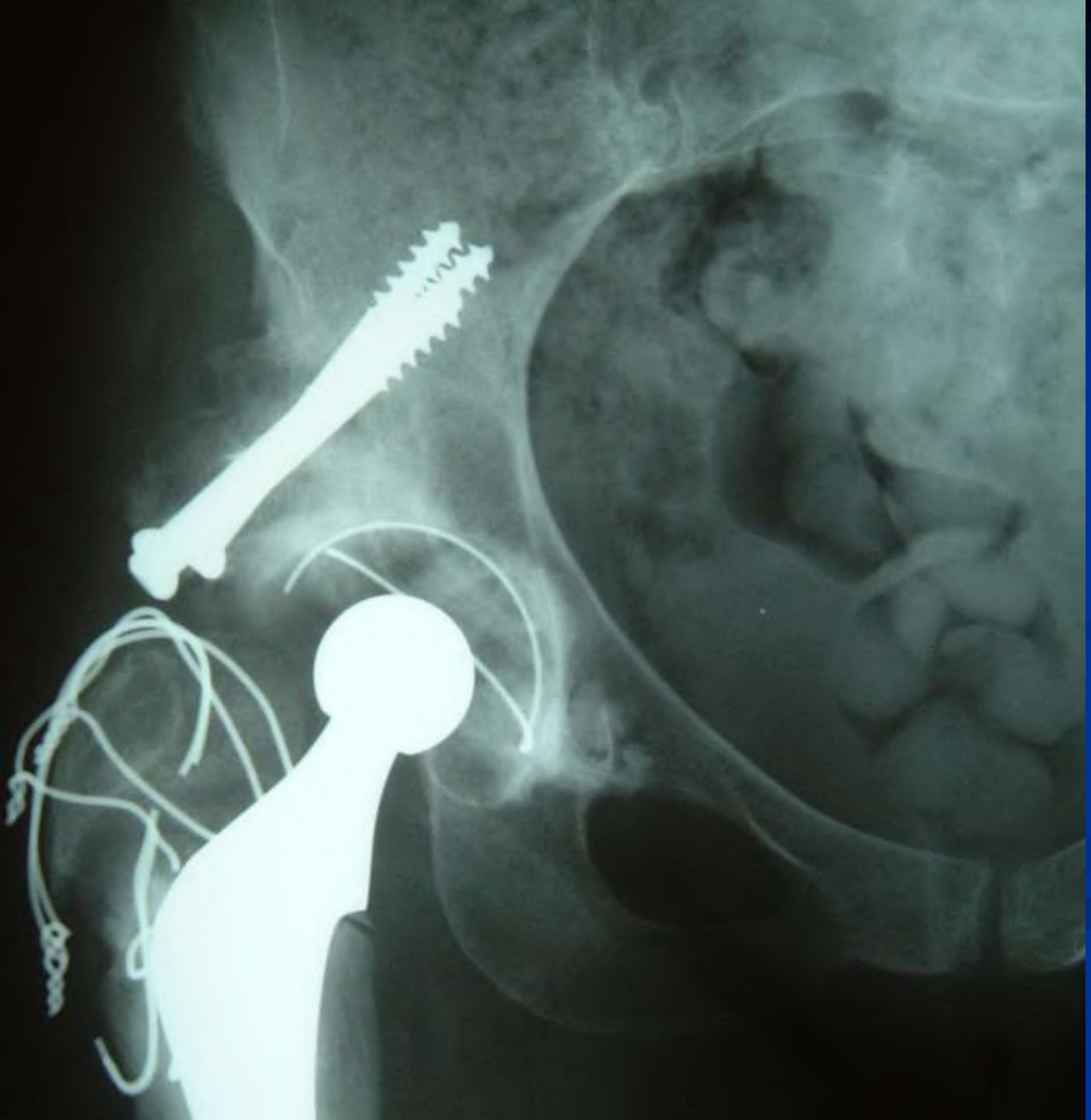







0 76  
2.97  
26MTHS  
POST  
OP







M.R.  
EX541  
10-97  
PRE OP

This is an anteroposterior (AP) radiograph of a shoulder. The image shows a total shoulder arthroplasty (TSA) in place. The humeral head is replaced by a large, spherical, radiopaque (white) prosthetic head. The humeral neck is replaced by a radiopaque stem that extends down the length of the humeral shaft. The glenoid fossa is also replaced by a radiopaque prosthetic component. The surrounding soft tissue and bone structures are visible in a lighter gray tone against a darker background. A white rectangular label is positioned over the proximal humerus, containing the text: 'M.R.', 'EX541', '10-97', and 'PRE OP'.



M.R.  
EX541  
10-97  
PRE OP



M.R. EX541  
3-98  
5 MONTHS  
POST OP

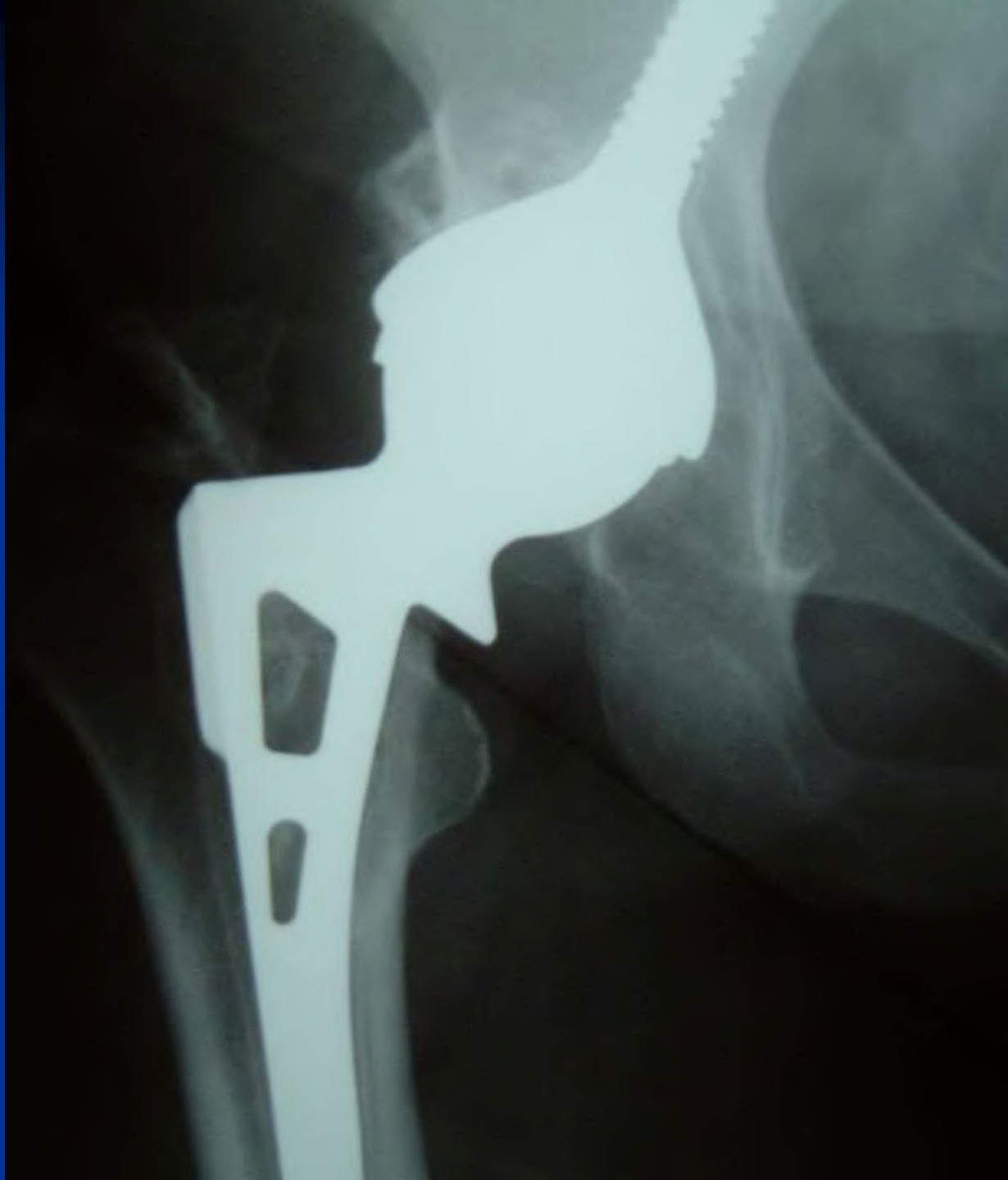
R

M.R.  
EX541  
3-98  
5MTHS  
P.OP



048







# The High Demand Patient

Sports

Younger patient

Impact activities

? Hip Resurfacing  
(Birmingham/ASR)



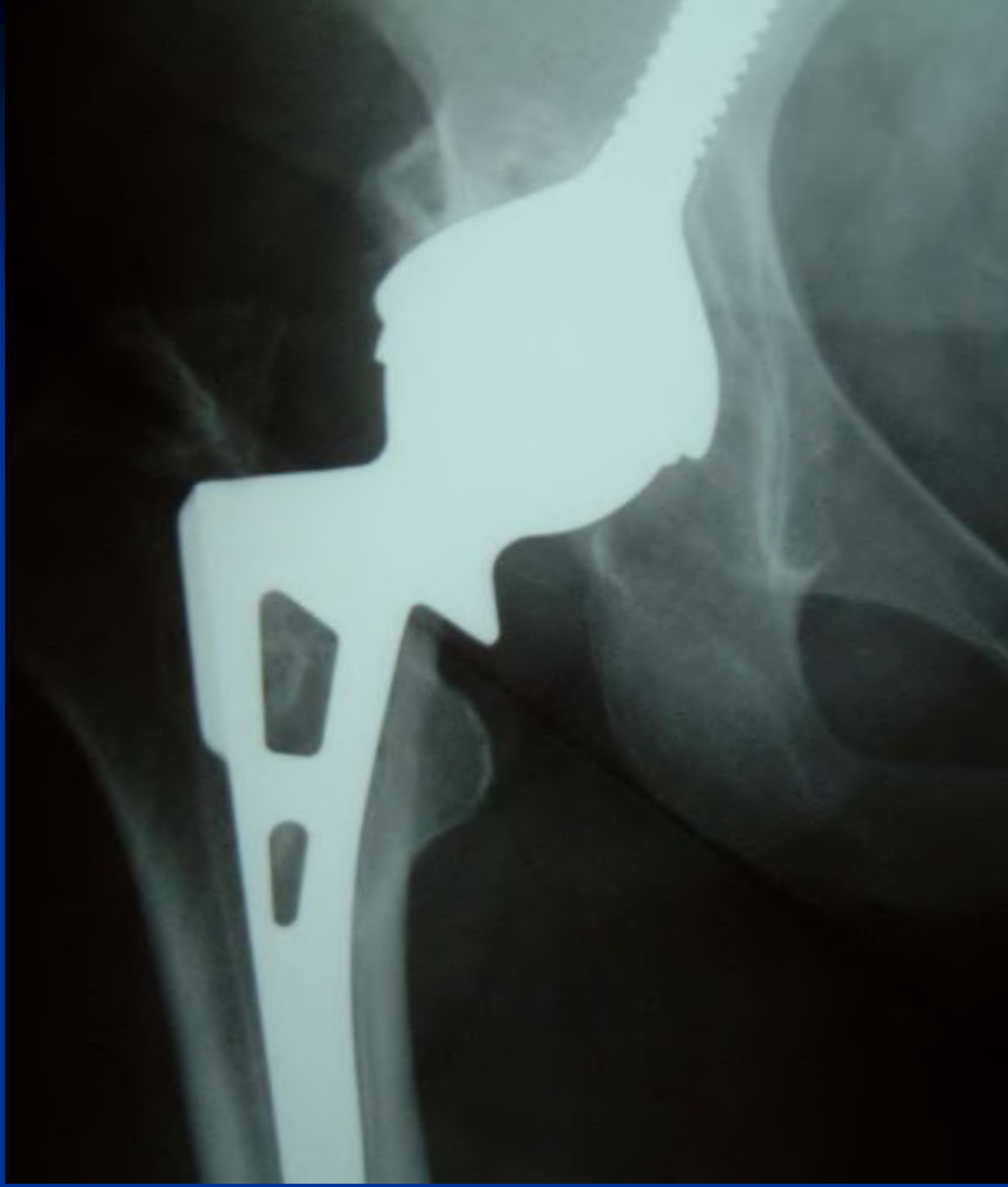












# Why a Hip Resurfacing v THR

Less bone removed

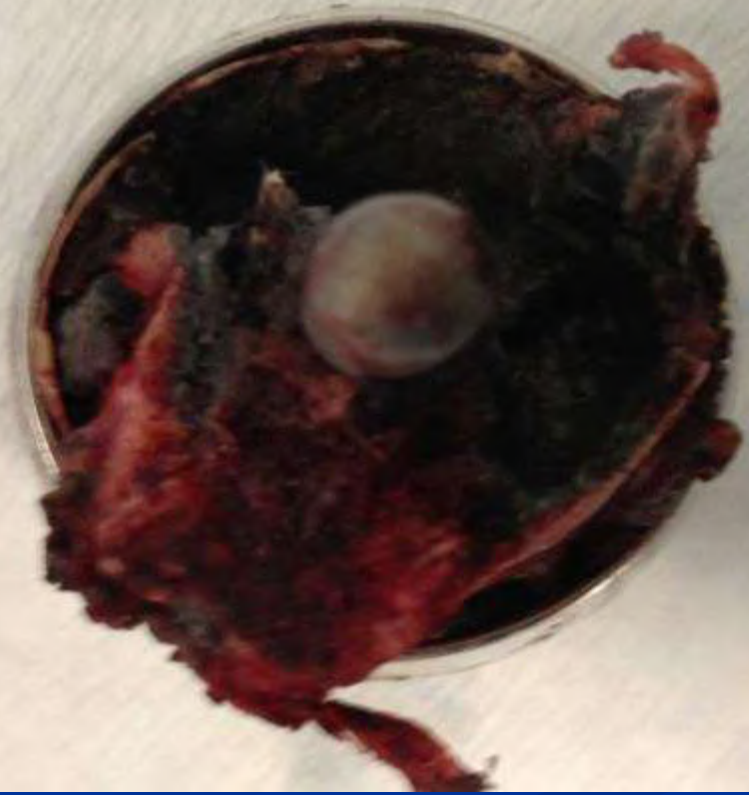
Better chance of returning to previous level of  
physical activity

Possibly easier to re-do in the future

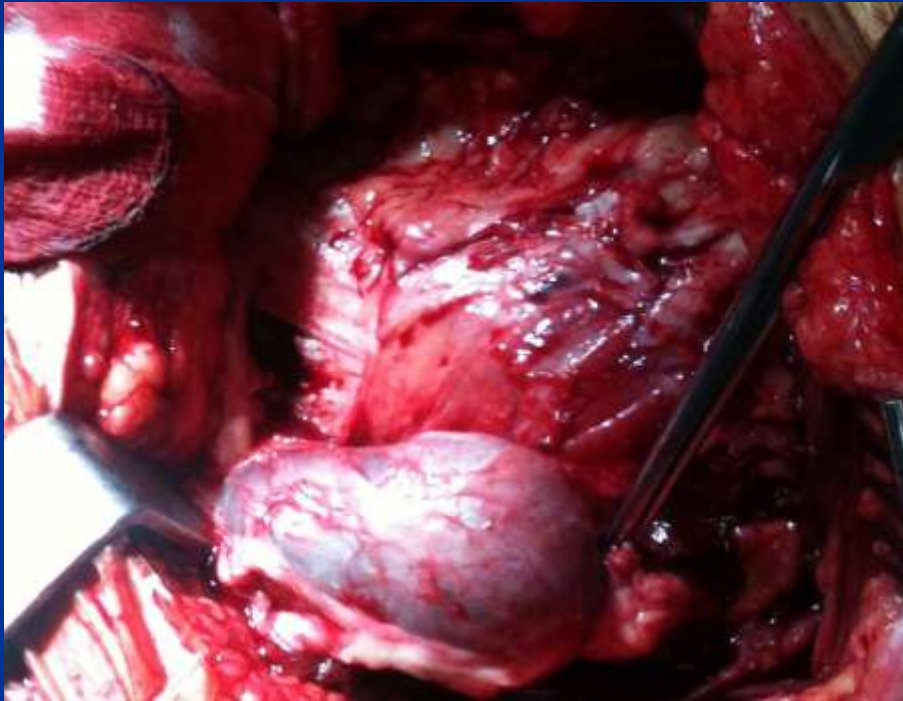
# Why NOT a Hip Resurfacing

Excessive metal wear!!!!





# Metastasis and Pseudotumour

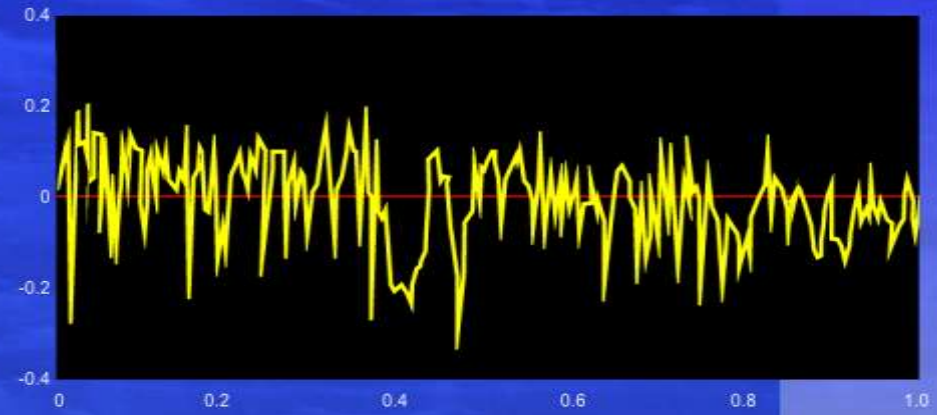
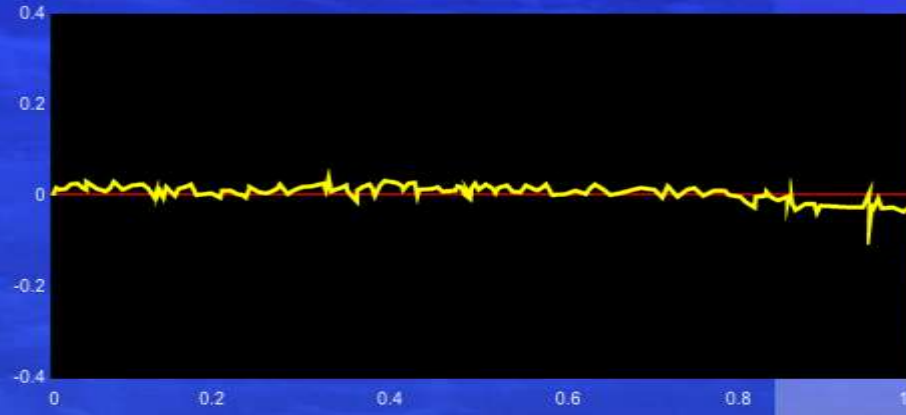
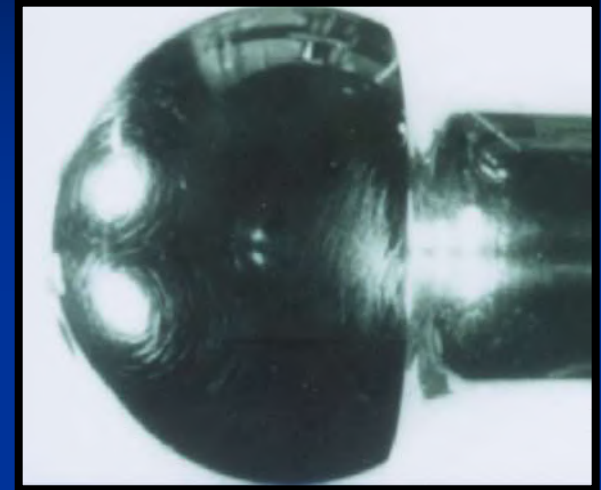
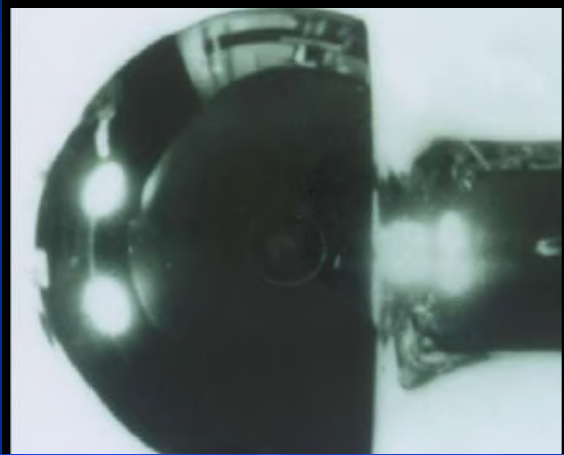


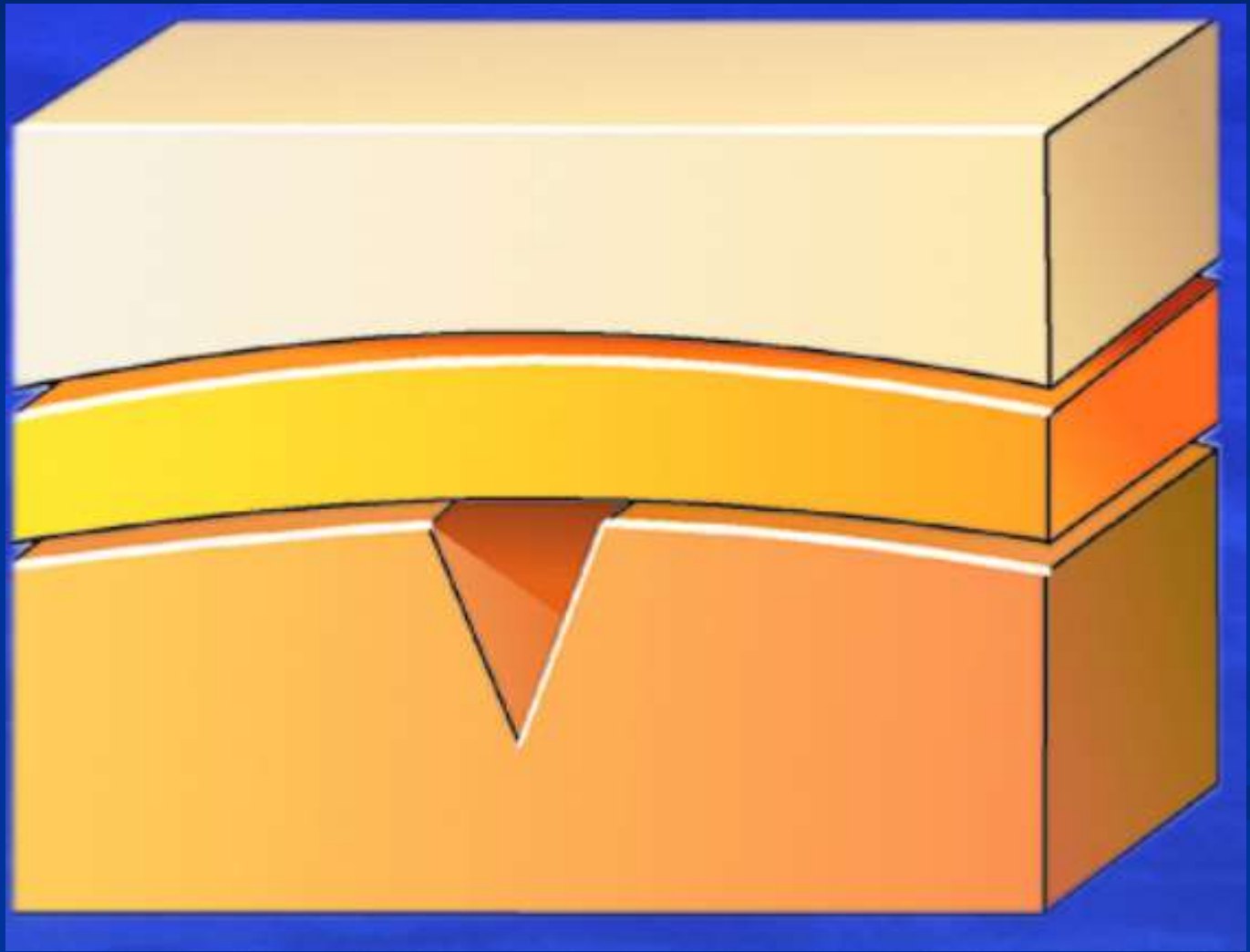
# Fluid from Metalossis















# Mini Incision THRs

## Definition

- Small 2 cms greater than cup
- Small 10 cms or less

## True Definition

- Small incision/s
- Minimal disturbance of soft tissues

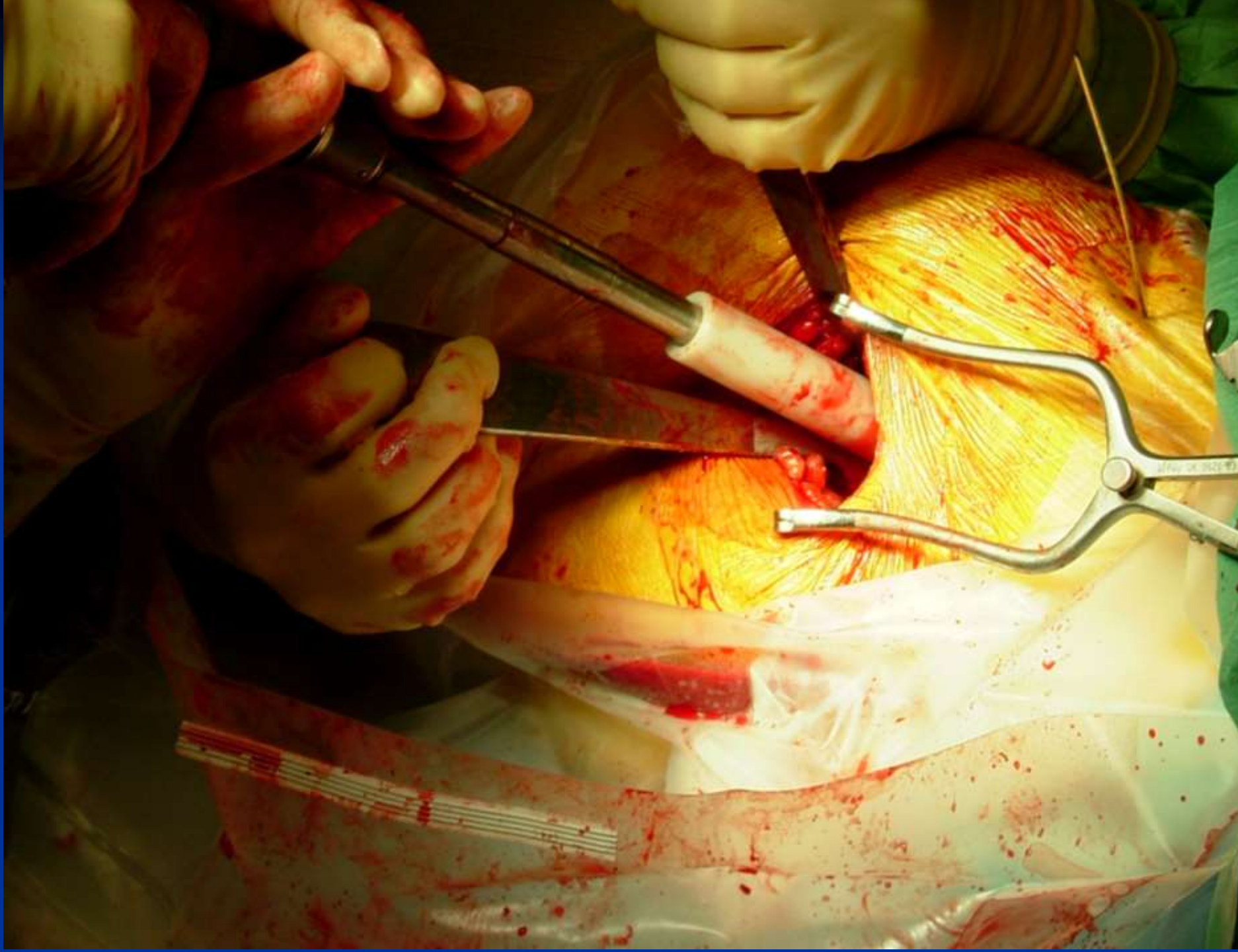
# Mini Incision THRs

## Theoretical Advantages

- Less disruption of soft tissues
- Quicker rehabilitation
- Less blood loss

## Possible Disadvantages

- Less visualisation
- Risk of complications
- Not for Hip Resurfacings







# Joint Replacement Surgery

Pain Free

Mobile

Long Lasting

Minimal Complications

# Enhanced Recovery

- Available to all patients
- PAC and Physio Input
- Patient involved in their own rehabilitation
- Admit DoS
- Spinal (2-4 Hrs)+/- Sedation
- MIS (85%) - BMI
- Up same/next day
- Discharge AVLOS 3 days (1-6 days)

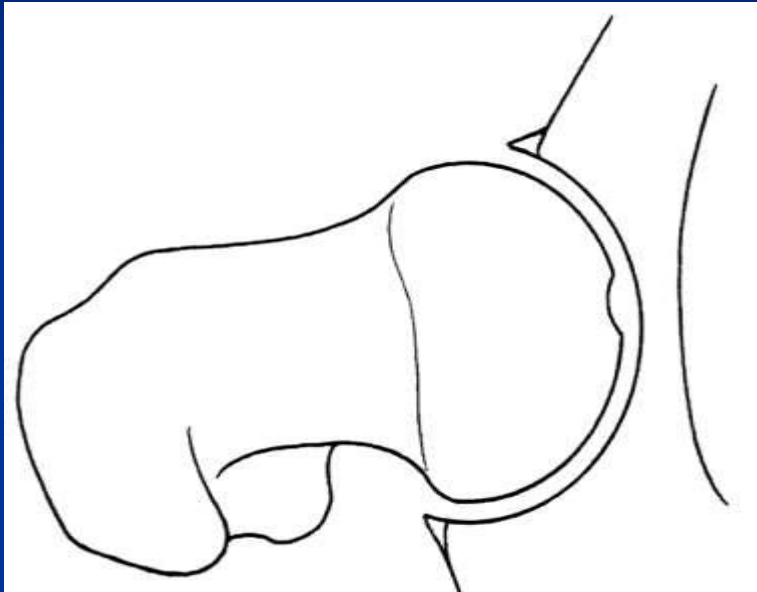
# Enhanced Recovery

- Home day 3 (1-6 days)
- 2 sticks – Stairs Chair Dress
- 2 weeks – One stick
- Driving 4 weeks
- Normal at six weeks (85%)
- Golf cycling 2 – 3 months
- Skiing and impact activities 6 – 12 months
- Work 2 months

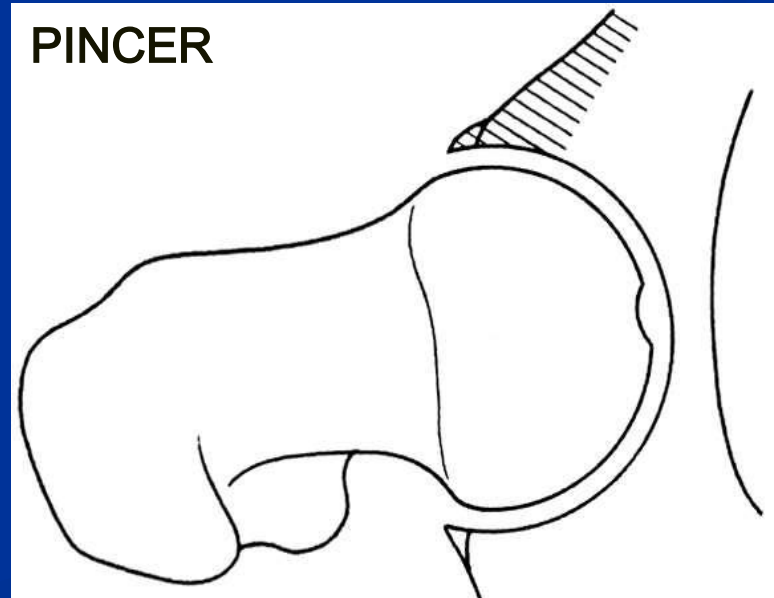


# Hip Arthroscopy

NORMAL

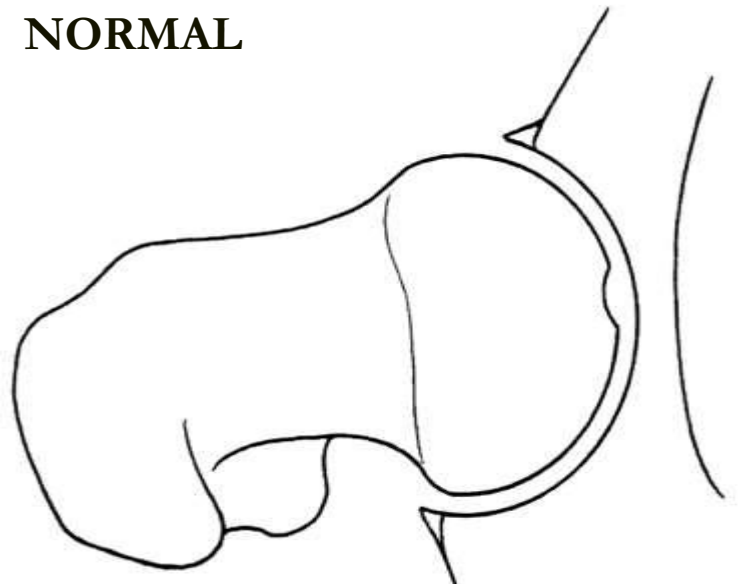


PINCER

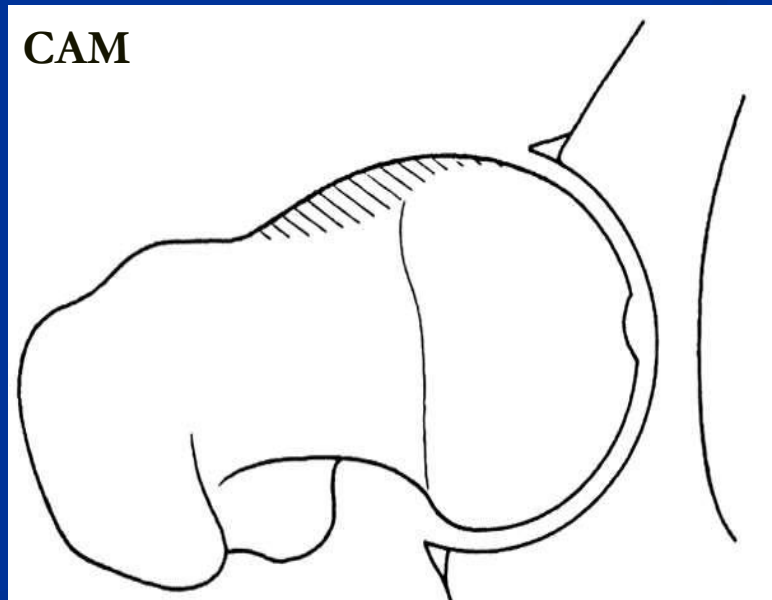


# Hip Arthroscopy

**NORMAL**



**CAM**



# Hip Arthroscopy

- Specific Indications
- Diagnosis and diagnostic tools limited
- Impingement and Labral Pathology
- 15 – 20% made worse
- Patient satisfaction poor
- May require further more complex surgery

We also do knees



# Thank You

Contact

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ANY QUESTIONS???