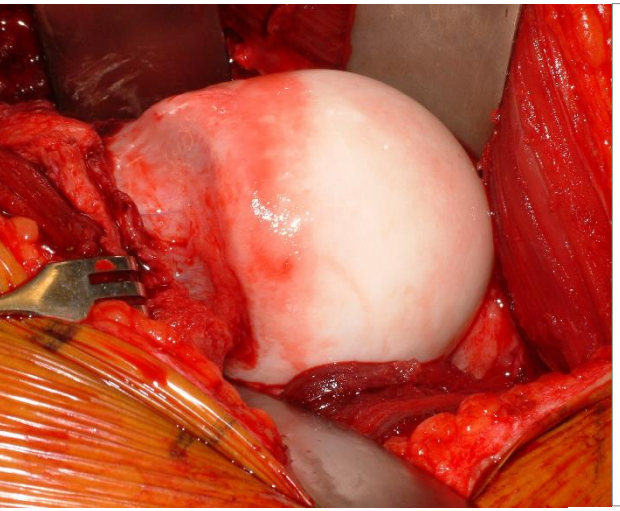
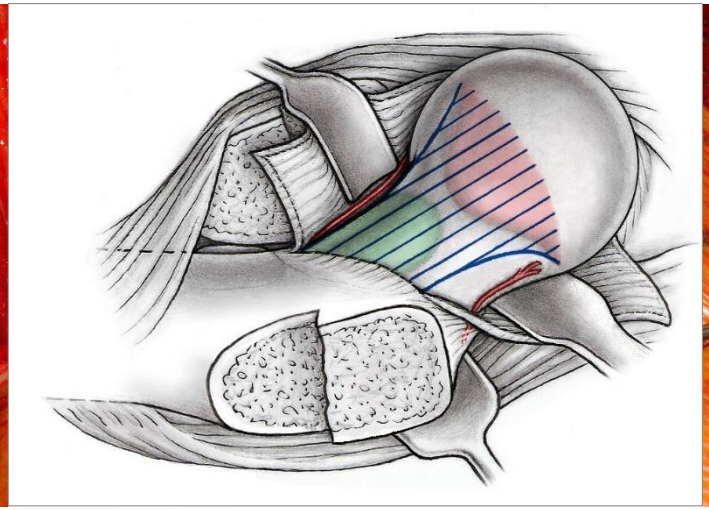
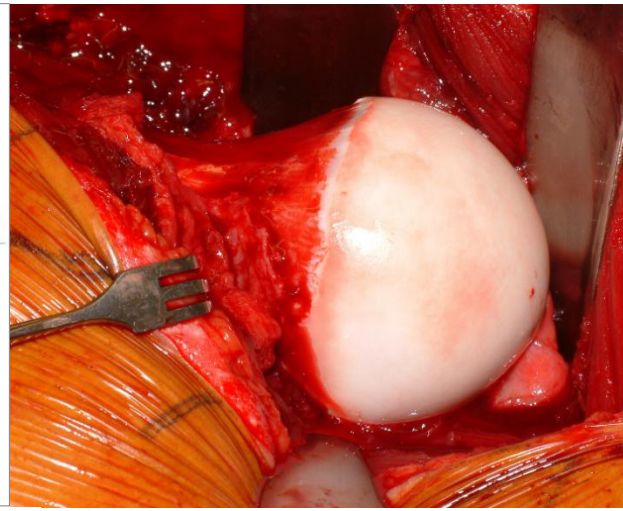
Technique of surgical dislocation (pitfalls)

Hubert P. Nötzli







HOSPITAL DA LUZ
LISBOA

Lisbon International
Hip Symposium

November, 16th and 17th 2017
Hospital da Luz Lisboa auditorium

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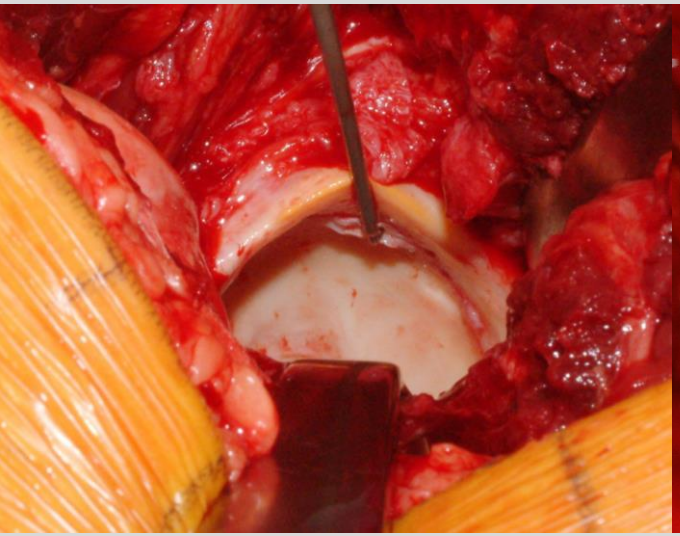
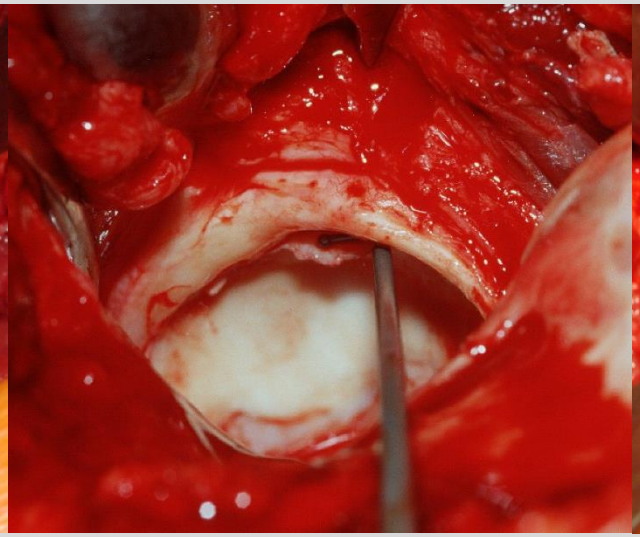
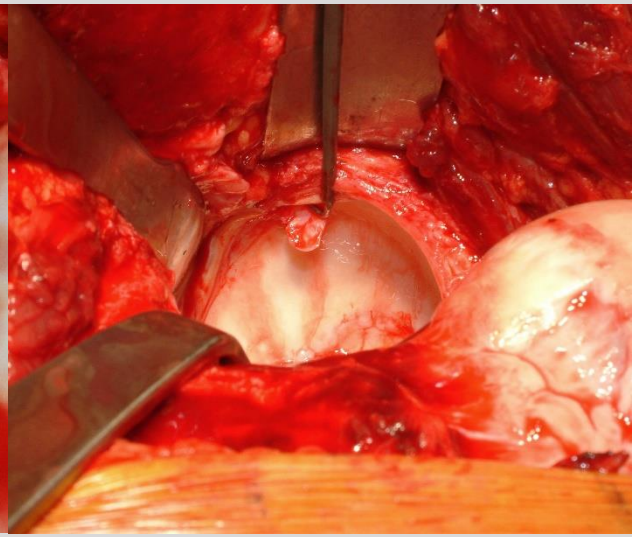
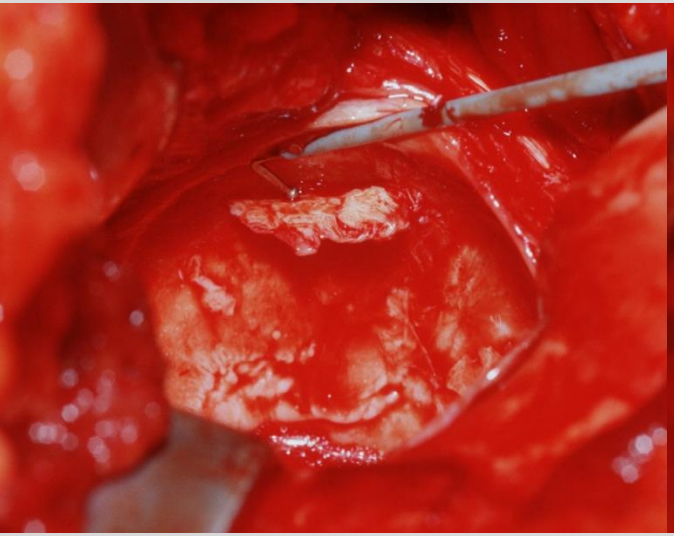
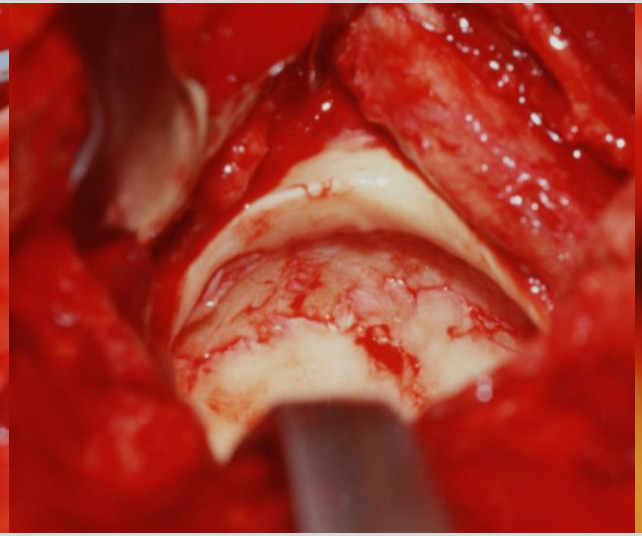
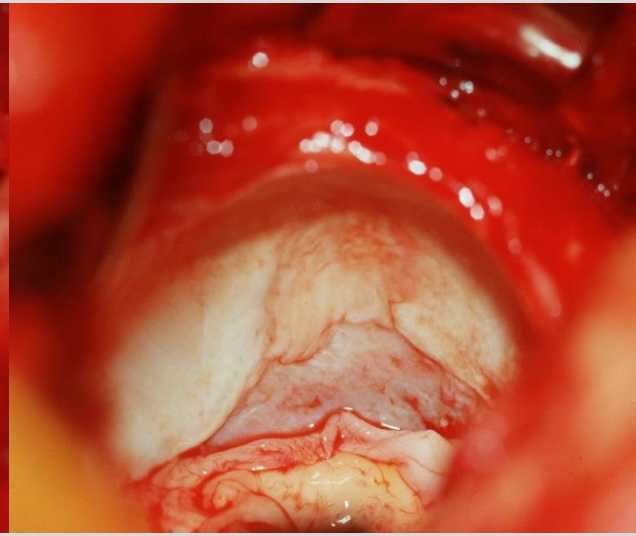

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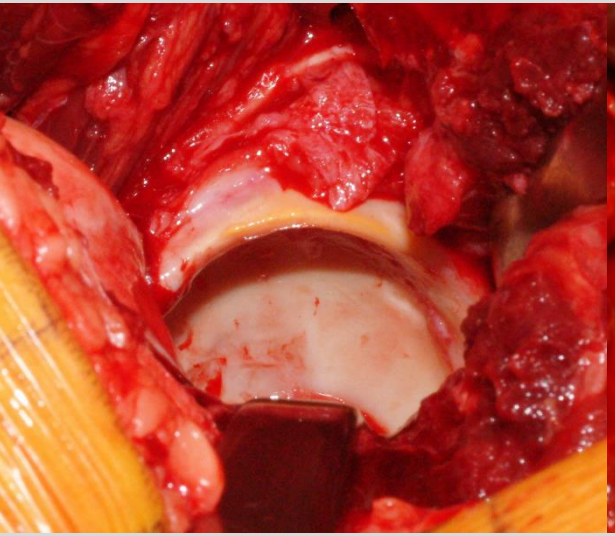
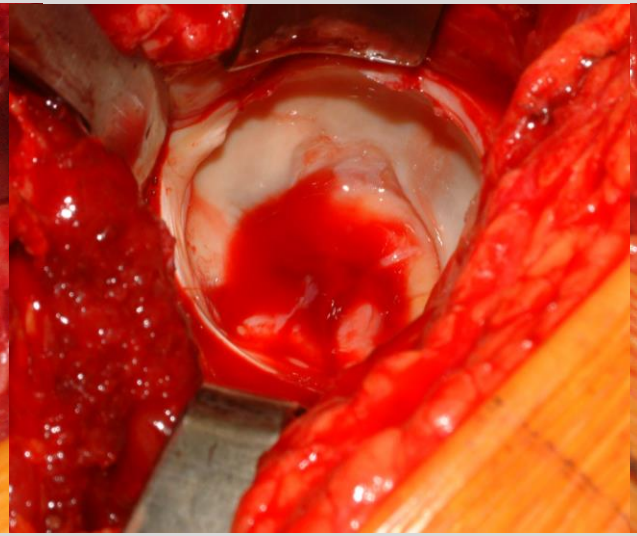
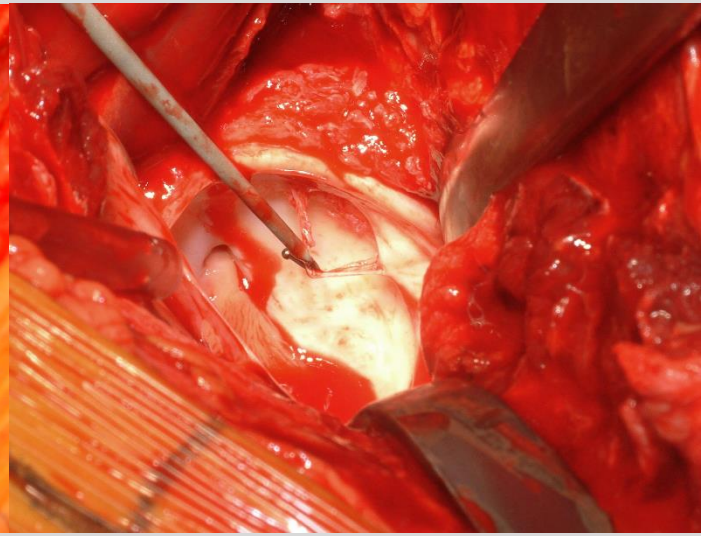
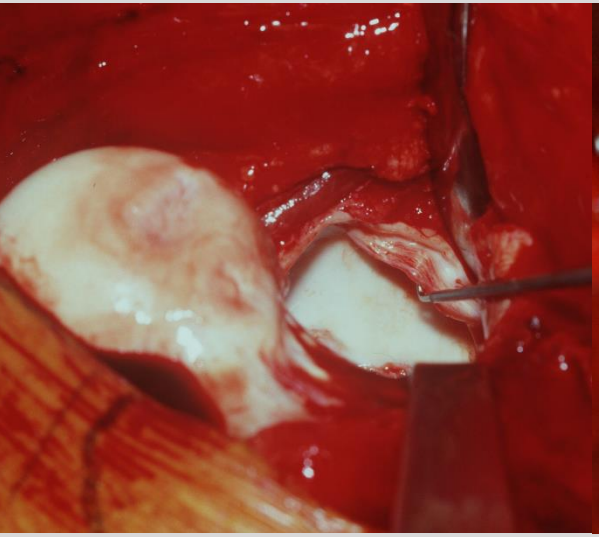
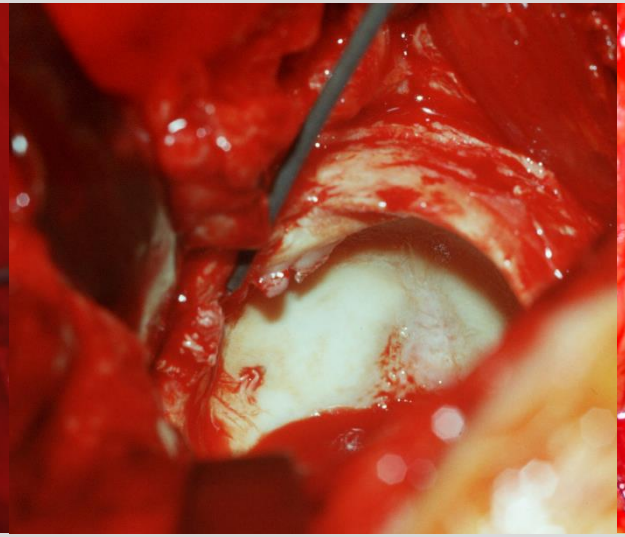

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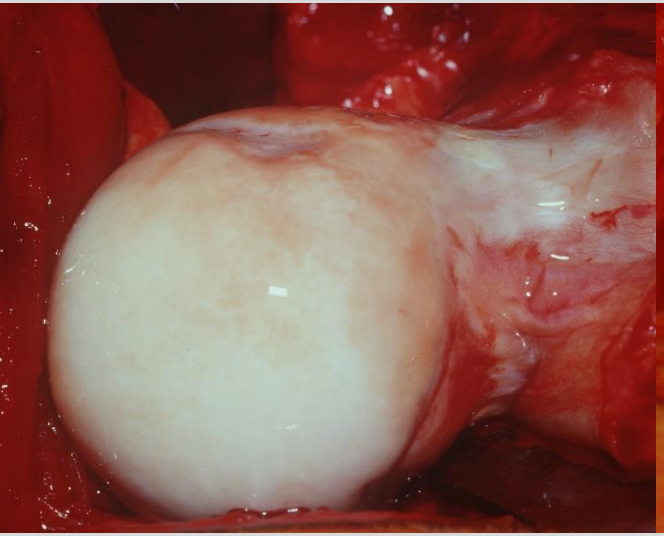
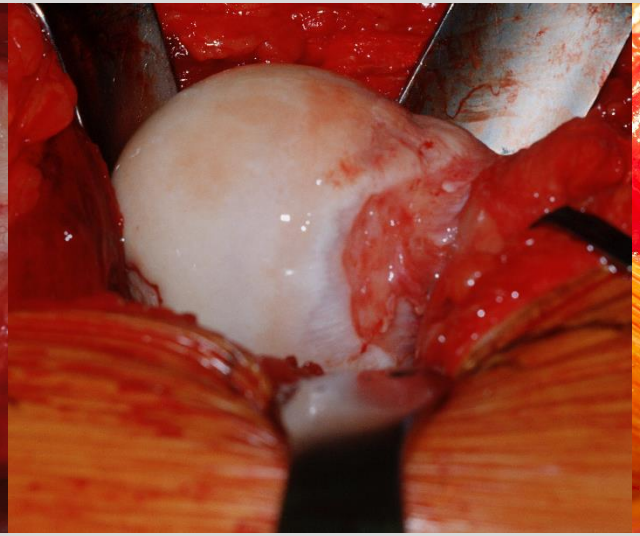

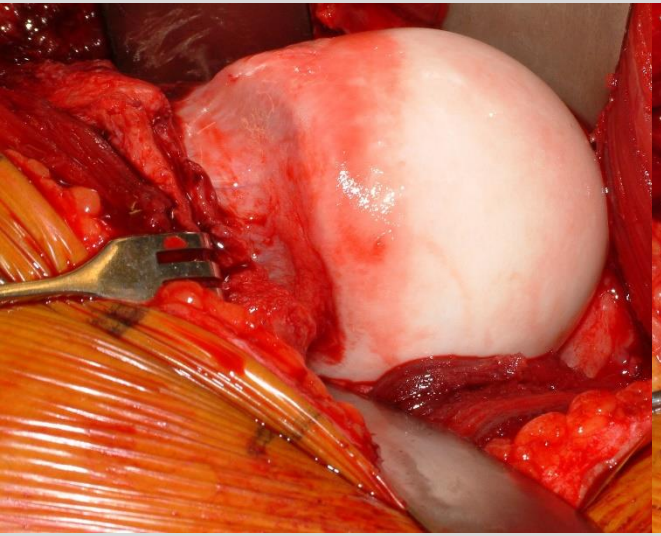
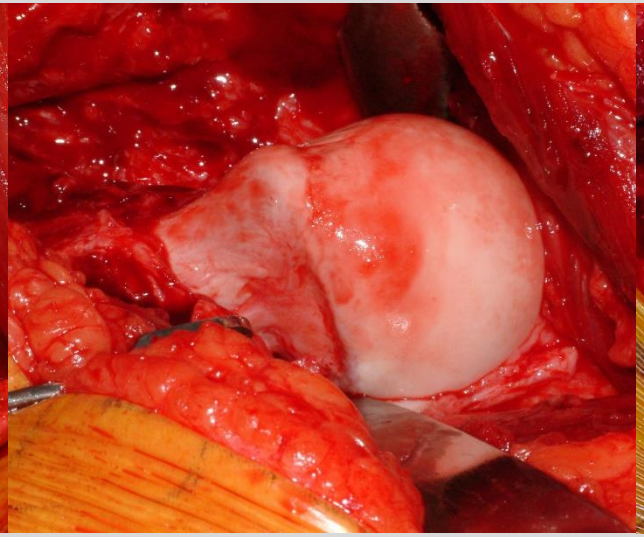
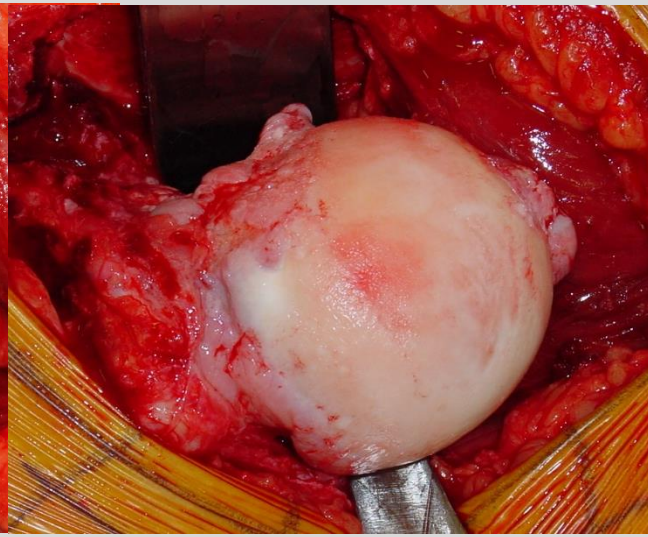

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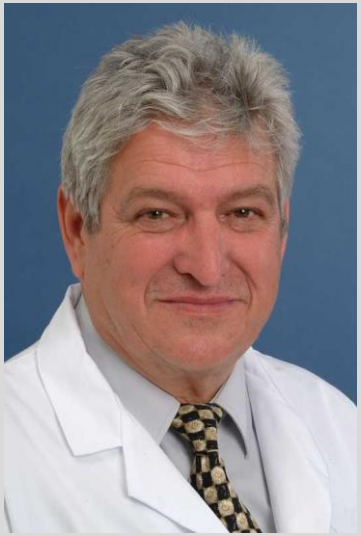
The trochanteric flip approach
Perfusion sparing

Surgical technique



Ganz R, Gill TJ, Gautier E, Ganz K, Krügel N, Berlemann U. Surgical dislocation of the adult hip:
A technique with full access to the femoral head and acetabulum without the risk of avascular necrosis.
J Bone Joint Surg Br. 2001;83:1119-1124.

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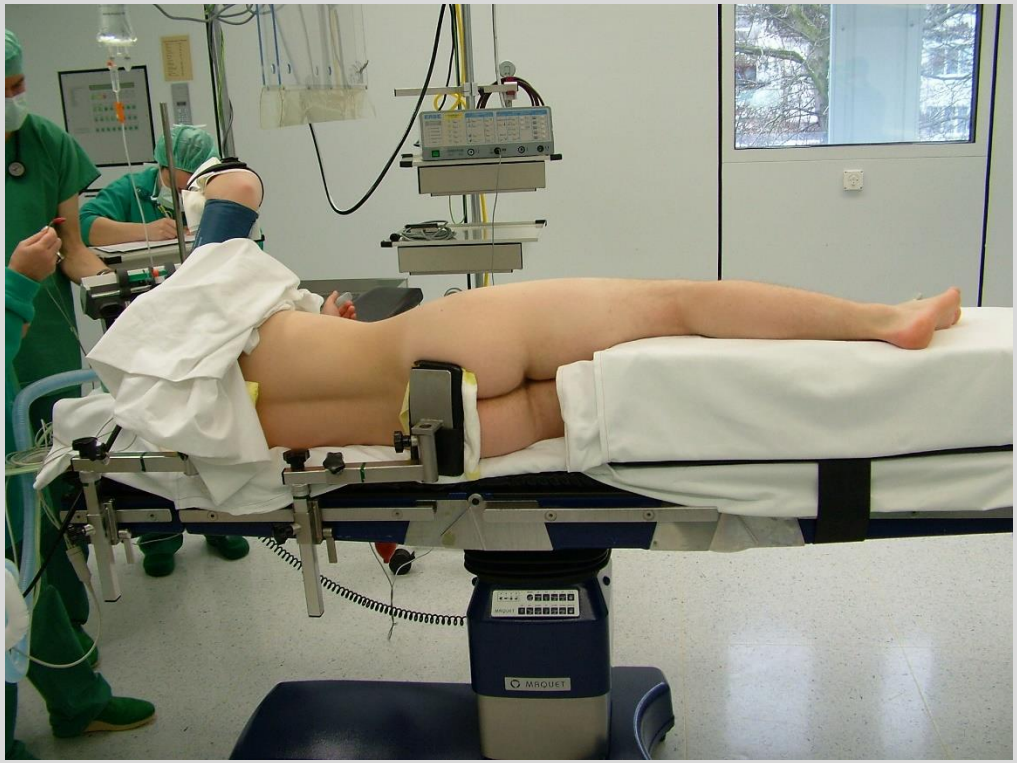
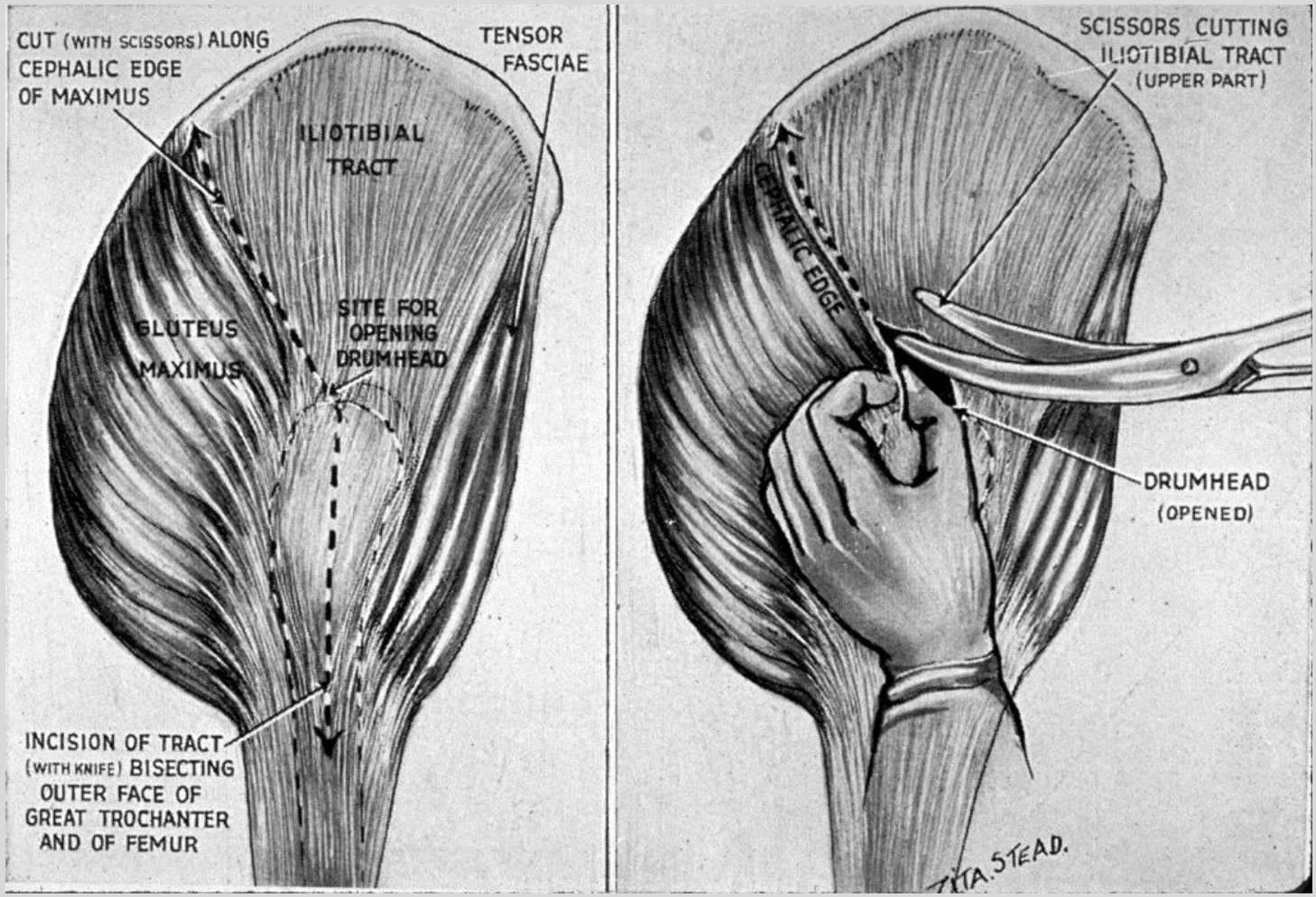
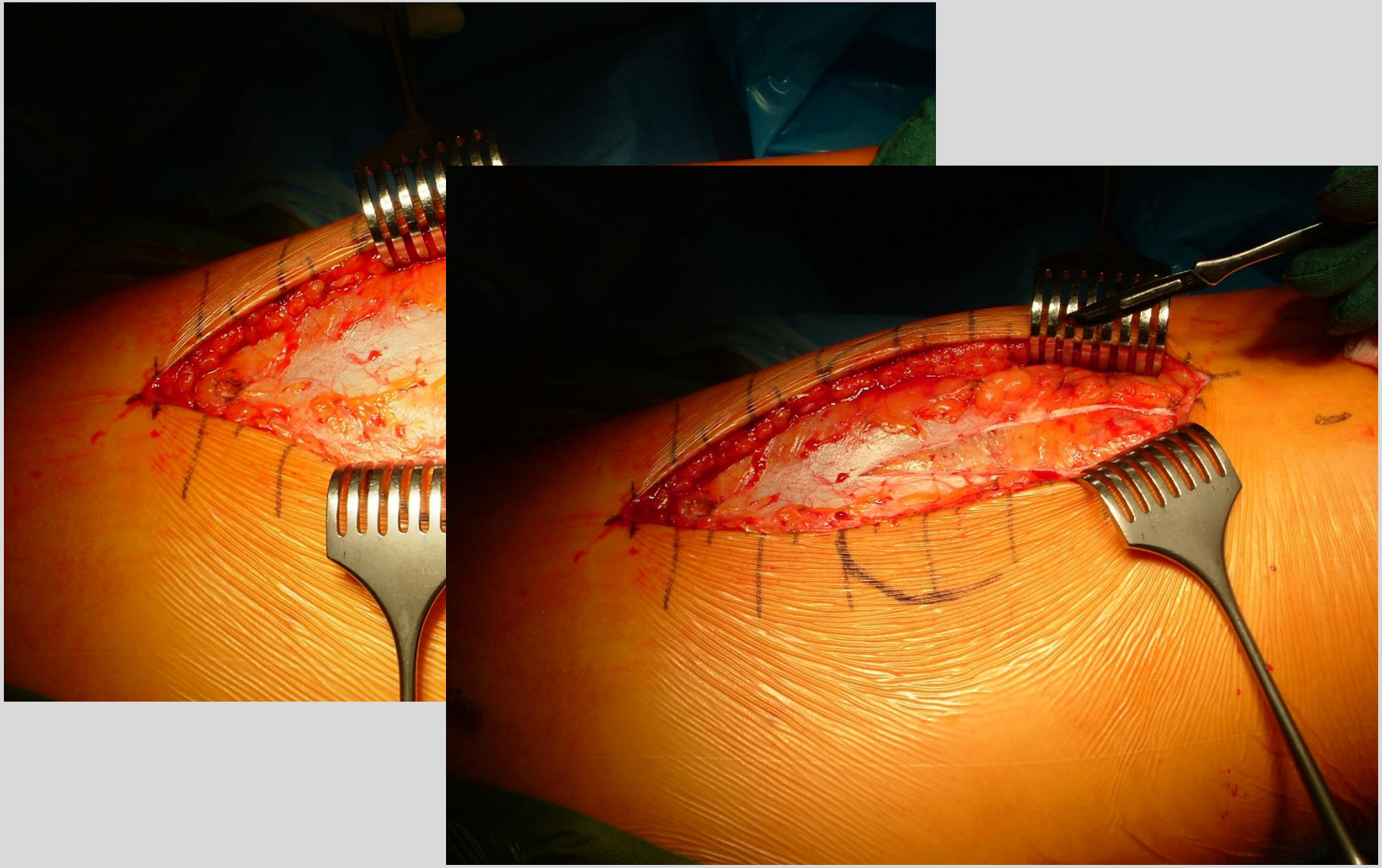
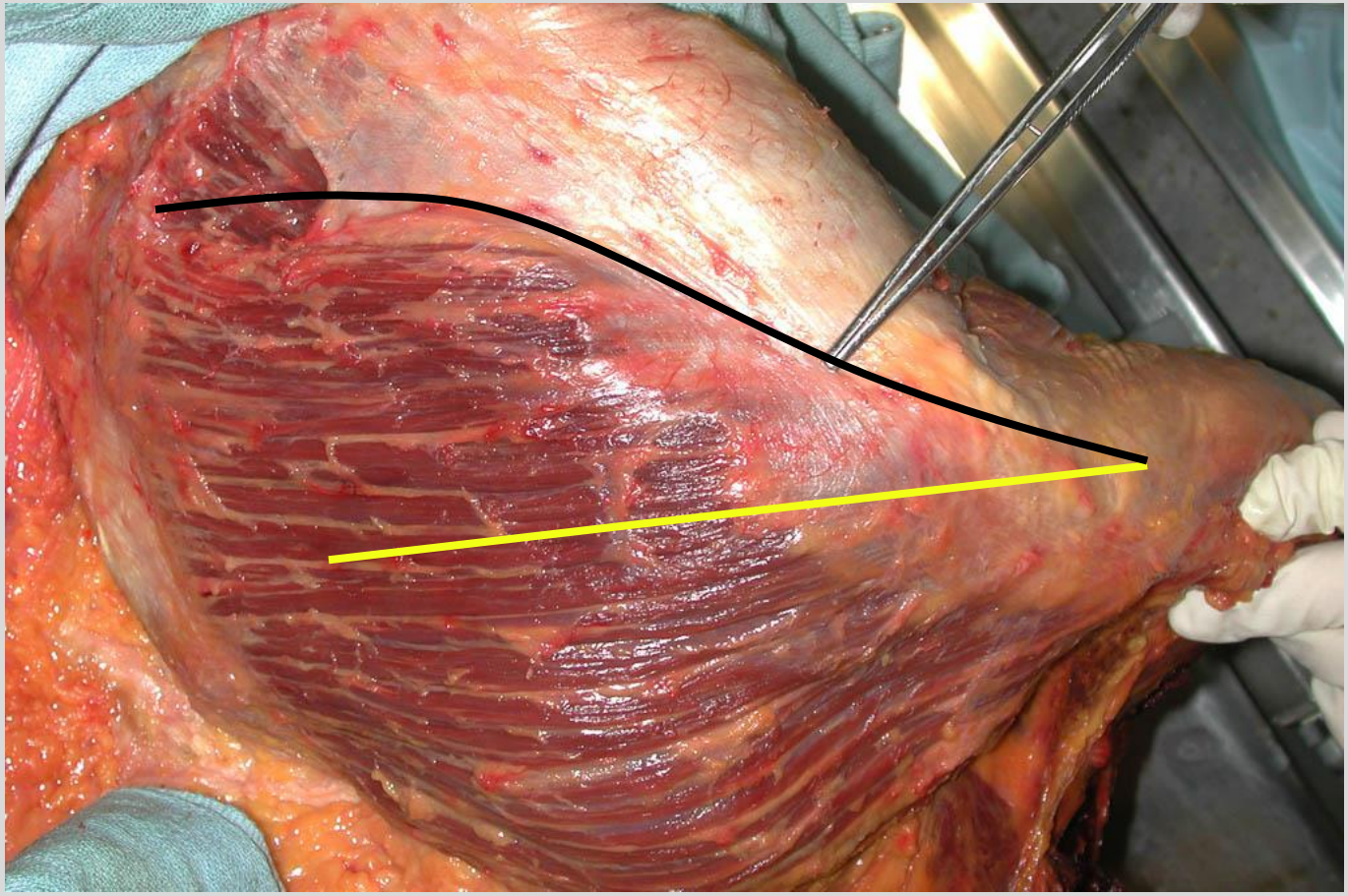


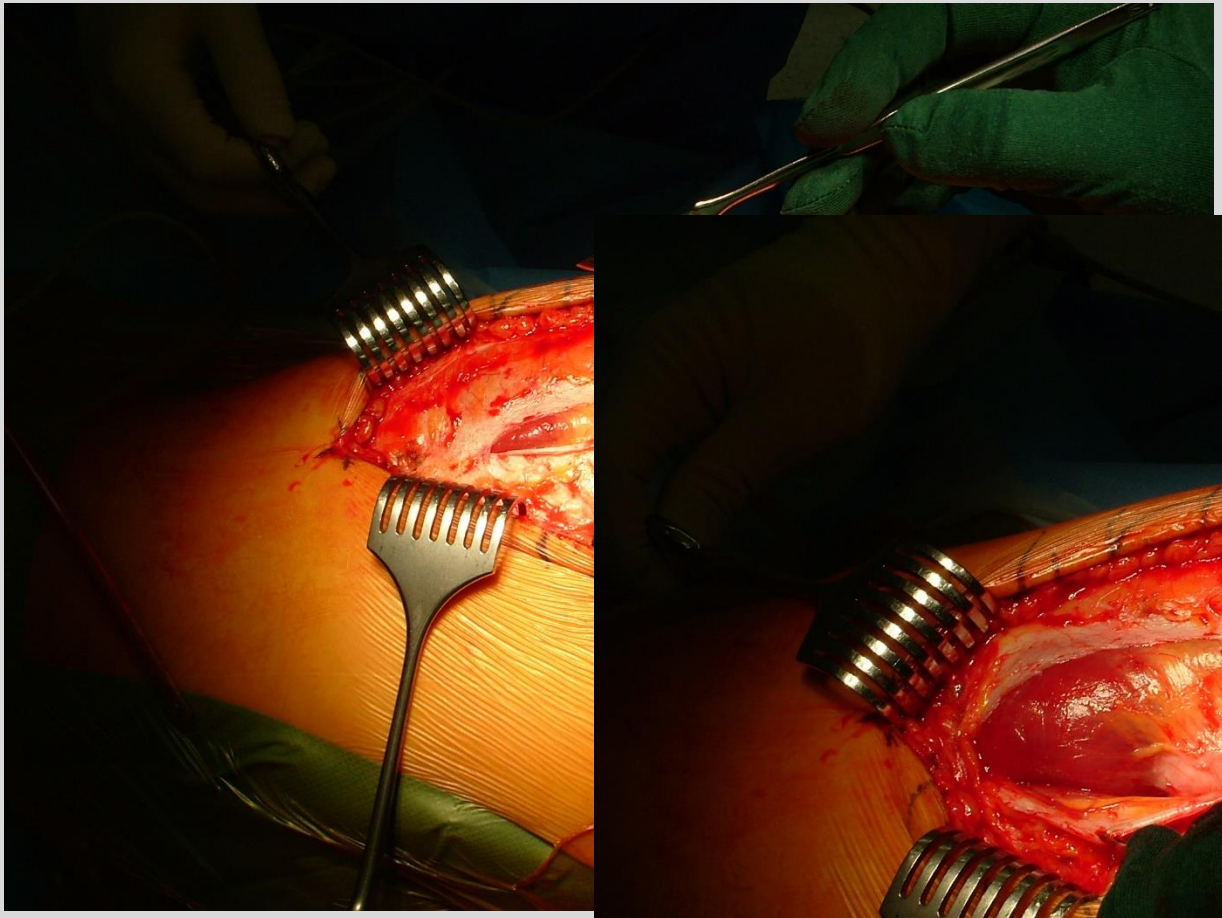
1927 Henry

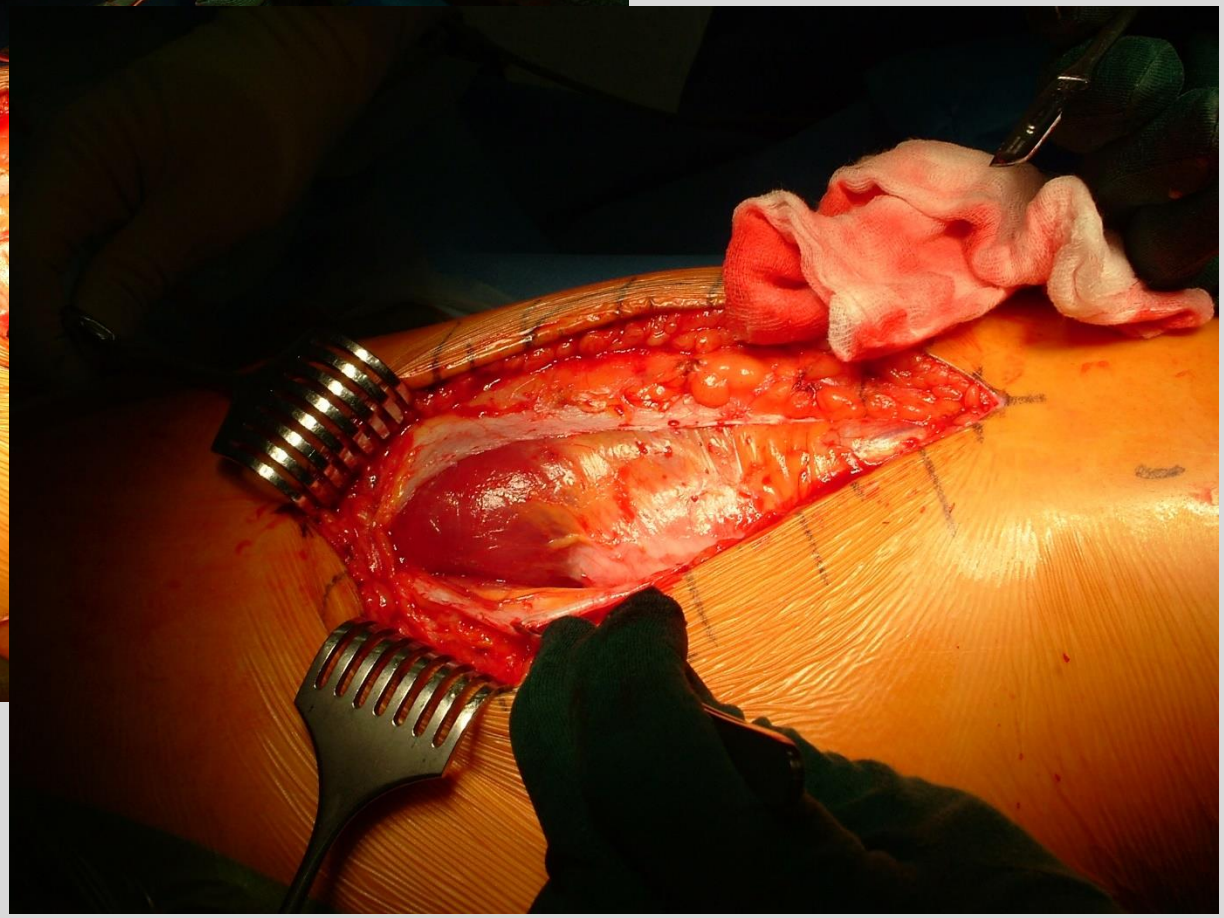

CUT (WITH SCISSORS) ALONG
CEPHALIC EDGE
OF MAXIMUS
TENSOR
FASCIAE
ILIOTIBIAL
TRACT
GLUTEUS
MAXIMUS
SITE FOR
OPENING
DRUMHEAD
INCISION OF TRACT
(WITH KNIFE) BISECTING
OUTER FACE OF
GREAT TROCHANTER
AND OF FEMUR
SCISSORS CUTTING
ILIOTIBIAL TRACT
(UPPER PART)
CEPHALIC EDGE
DRUMHEAD
(OPENED)

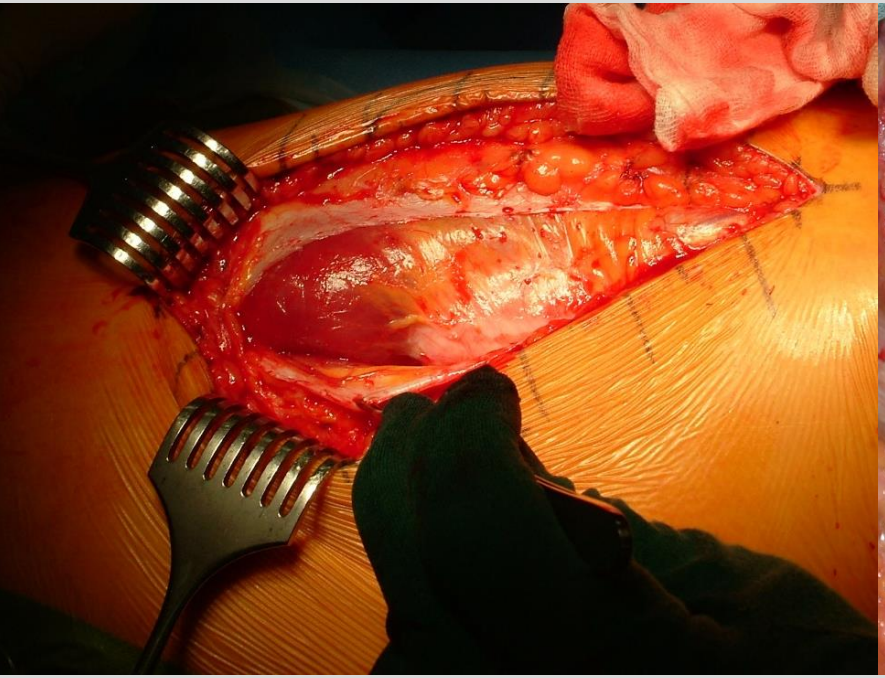


Split or reflect gluteus maximus?









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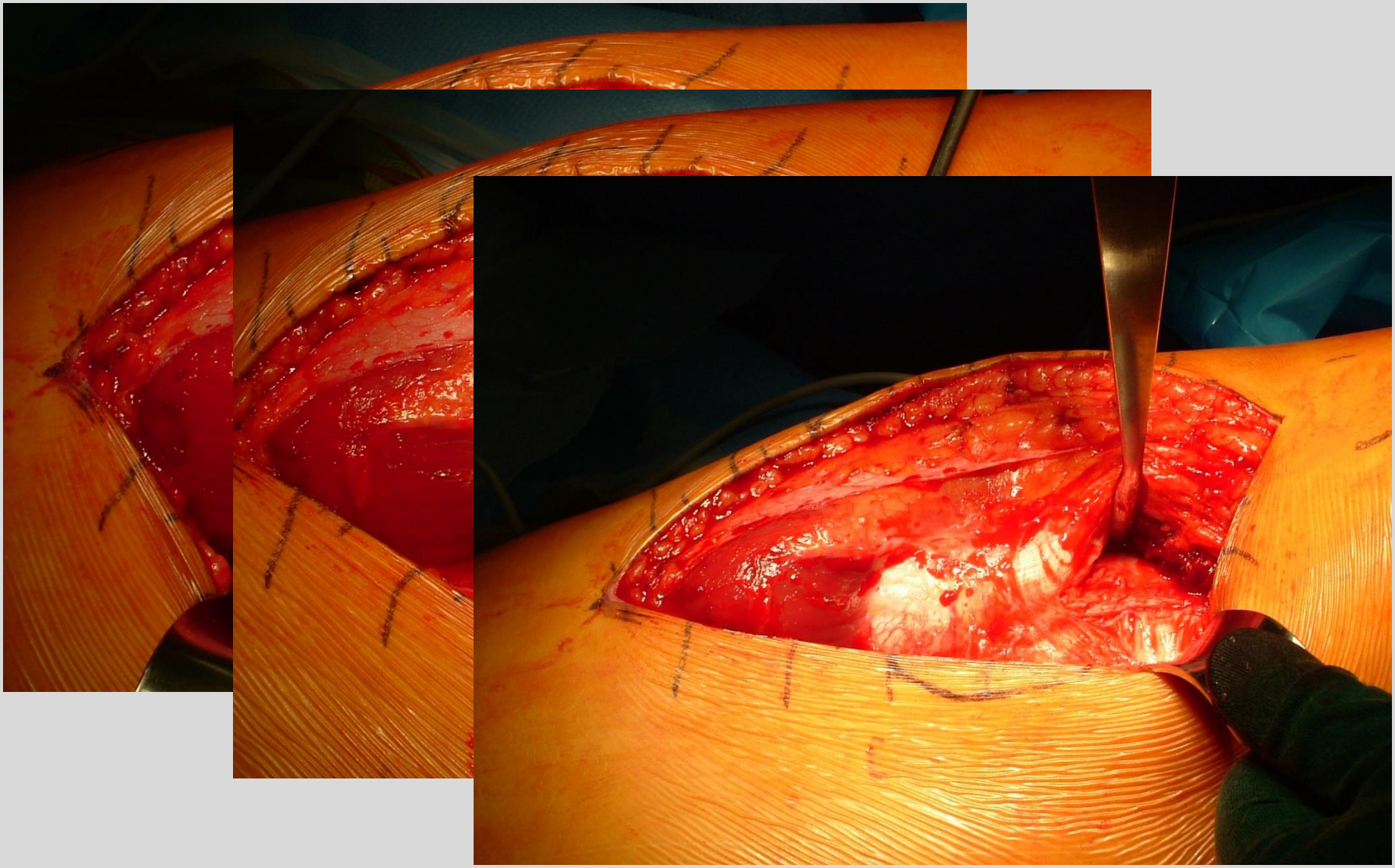

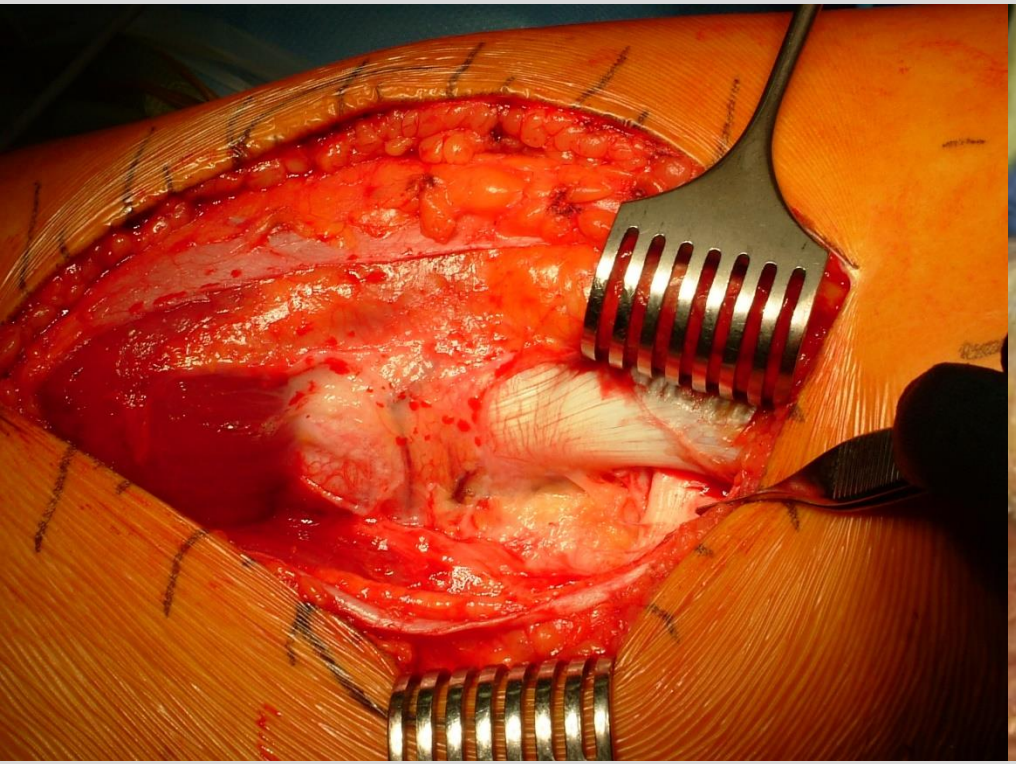

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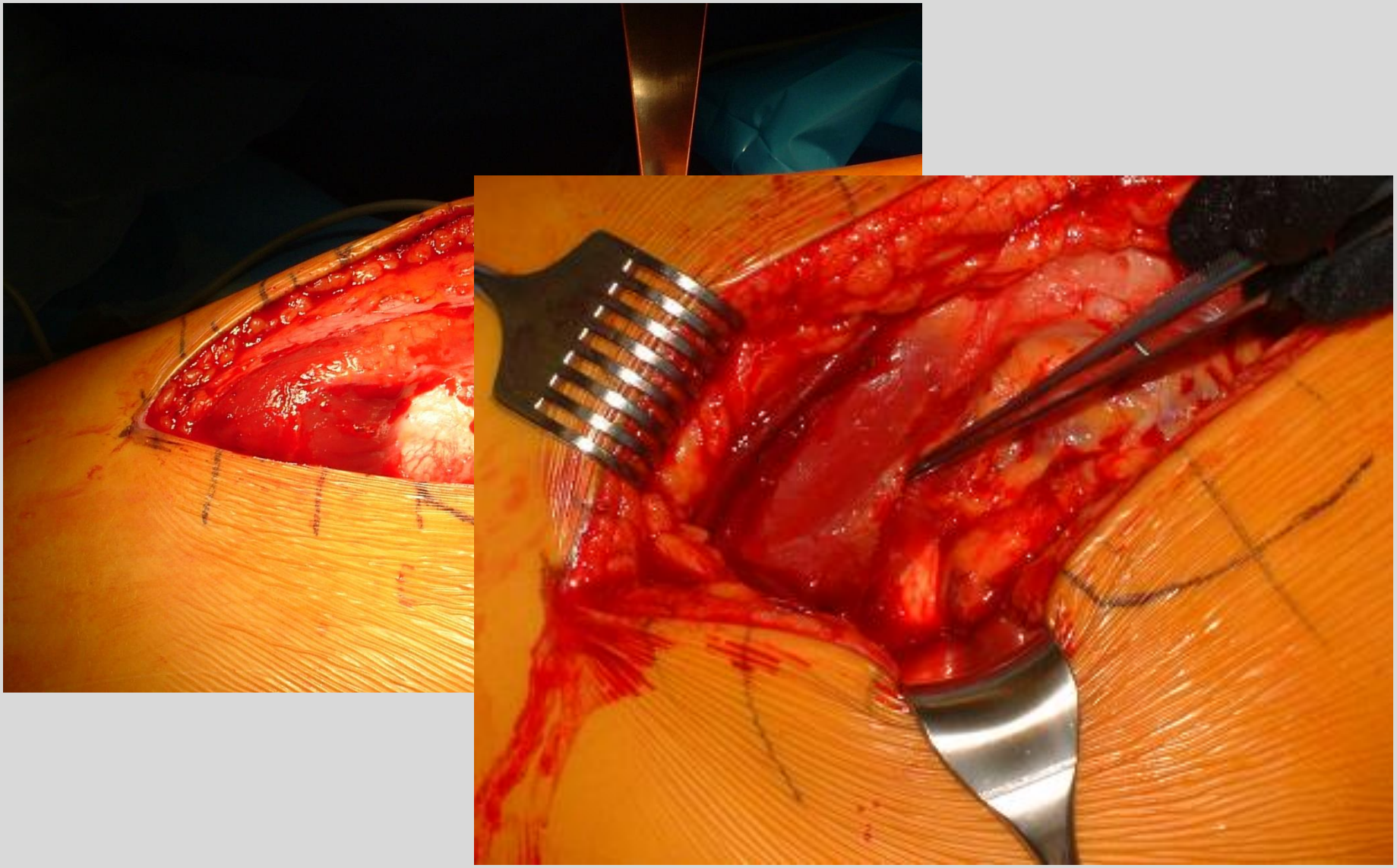

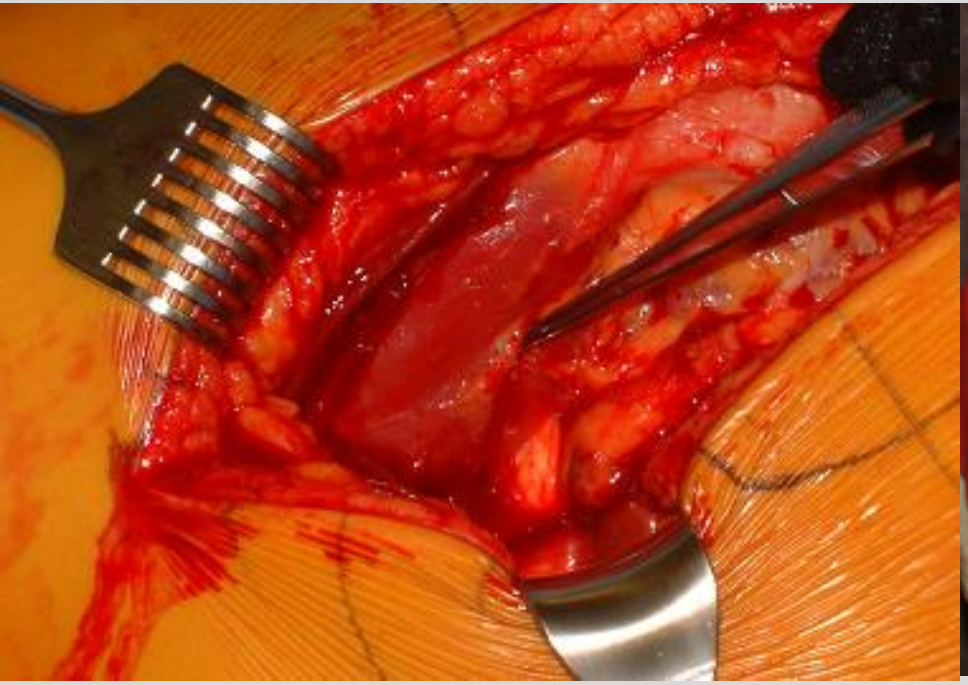

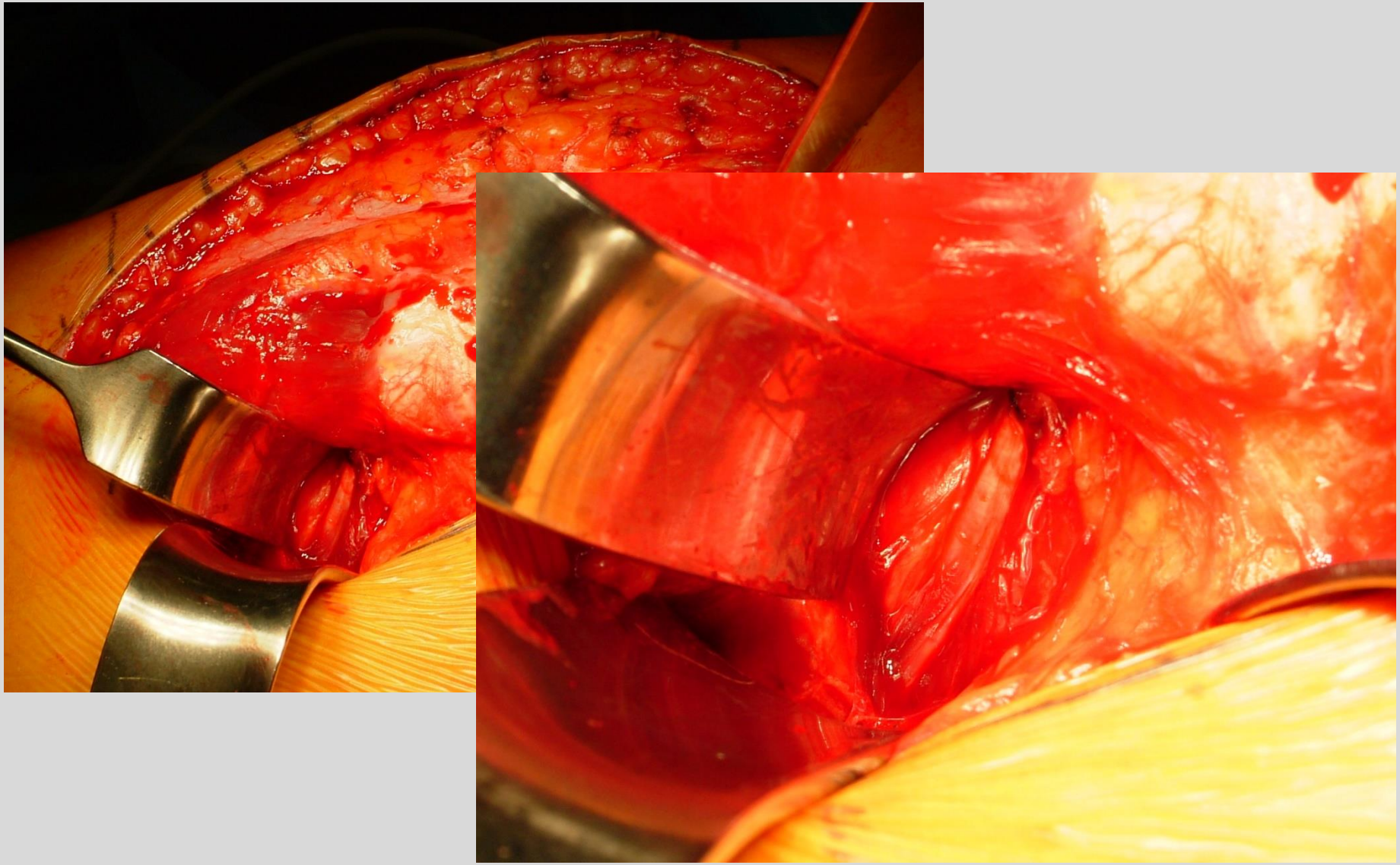

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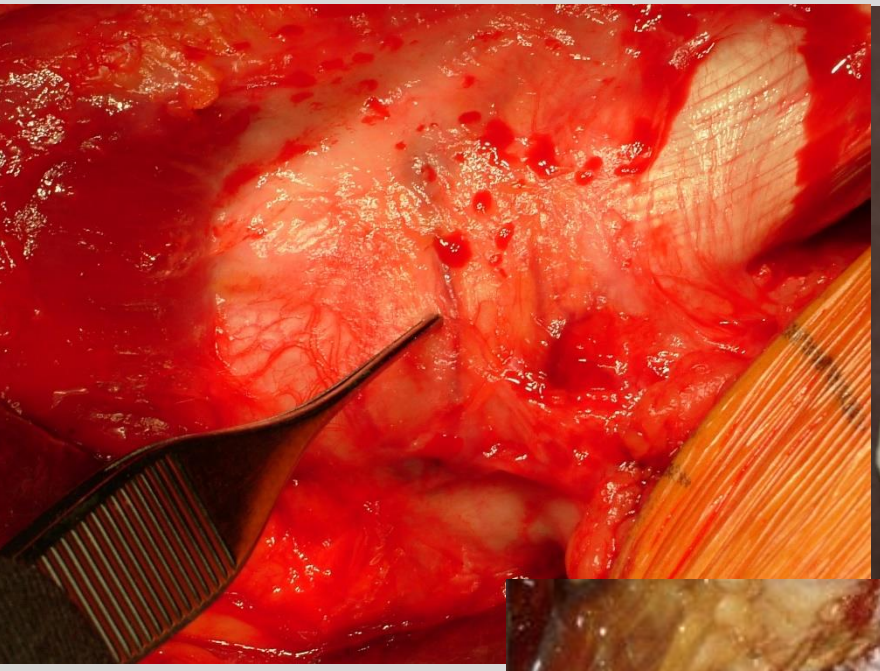

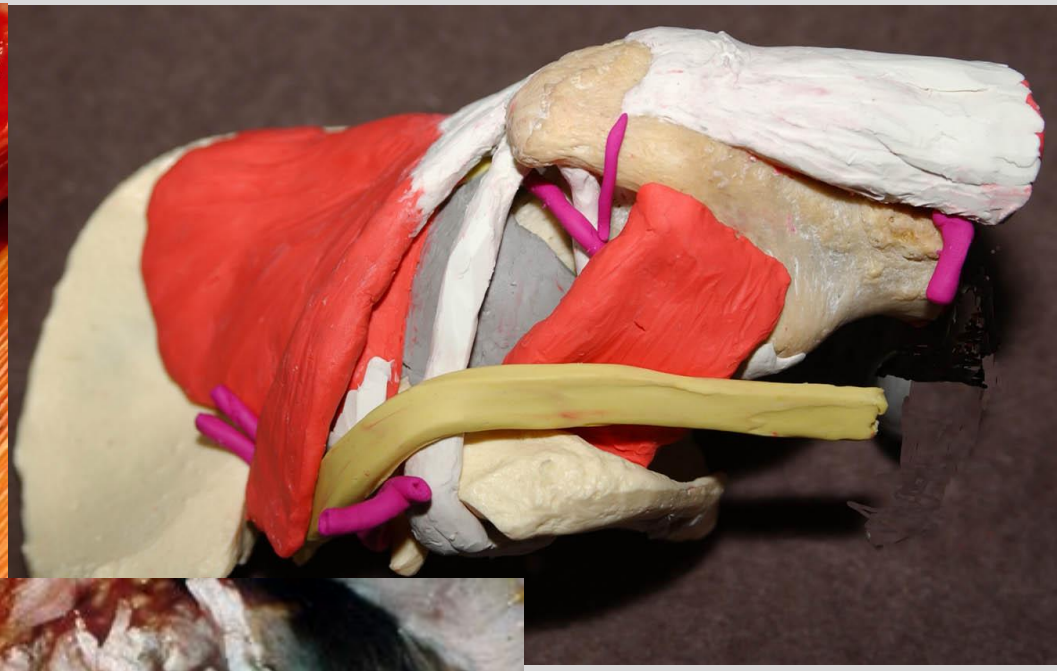

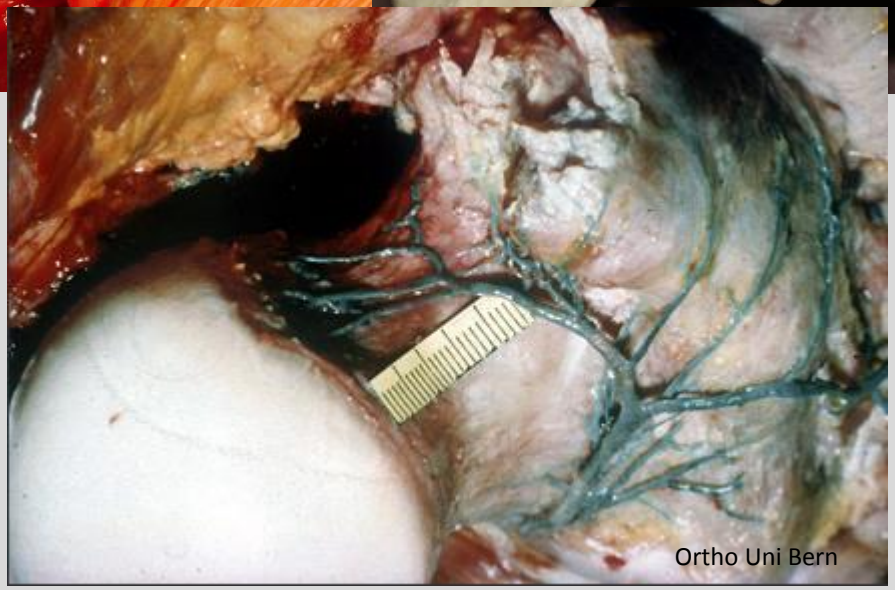

Ortho Uni Bern

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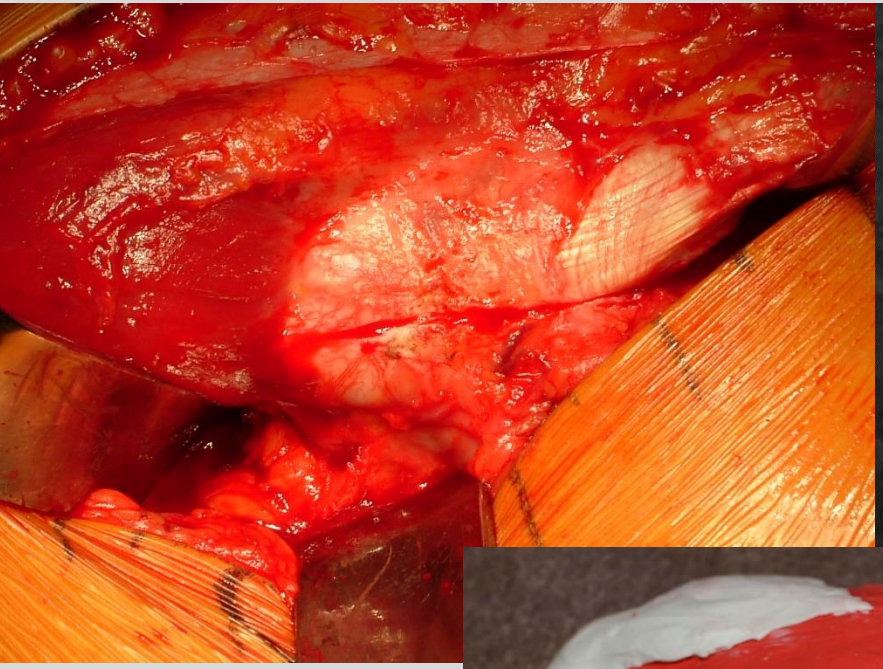

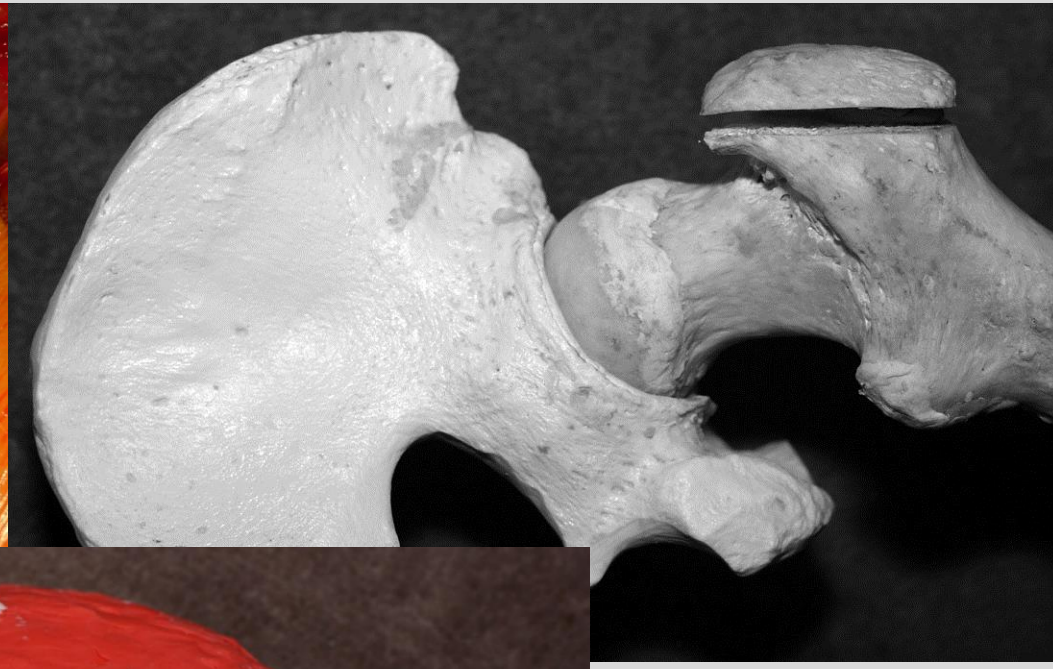

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Torsion

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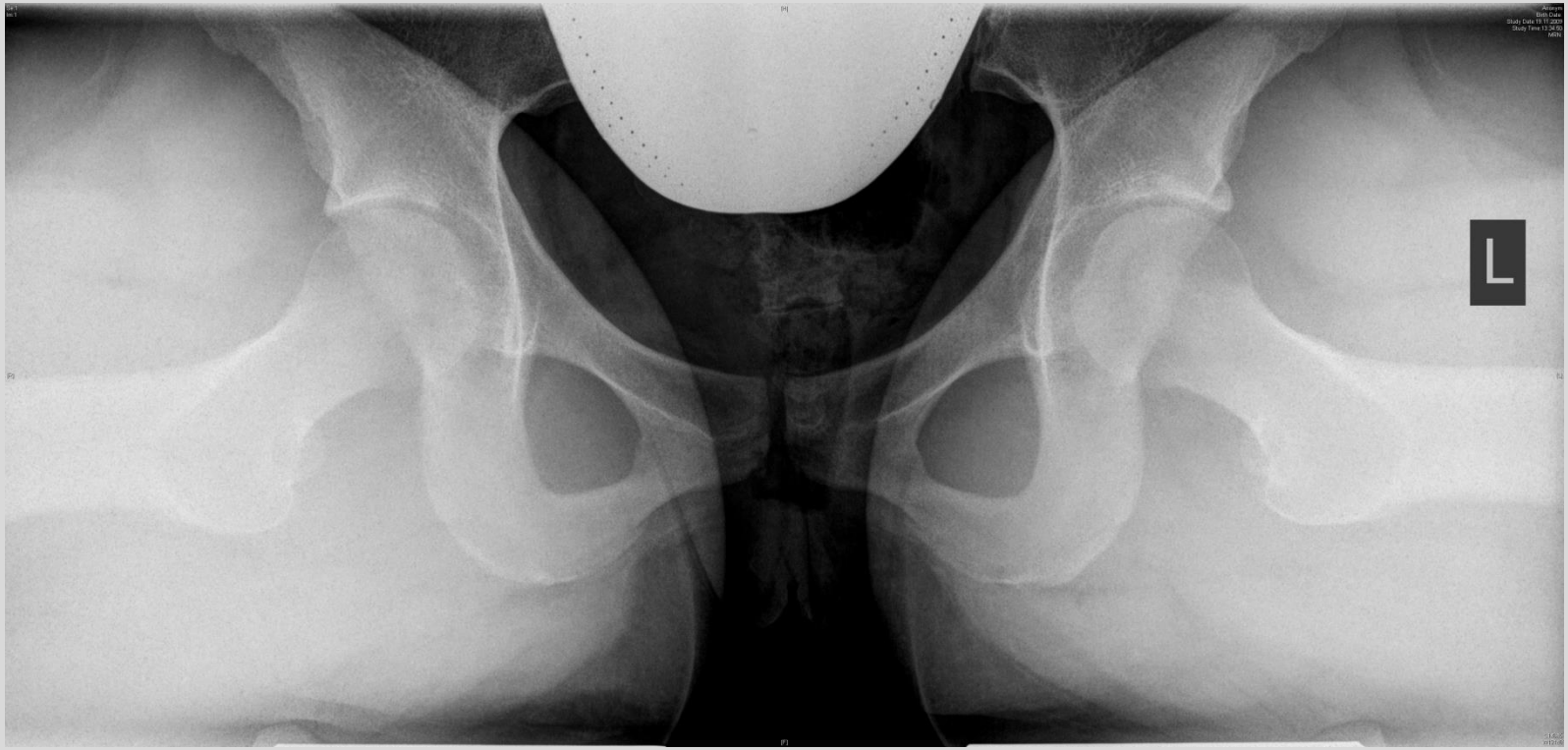

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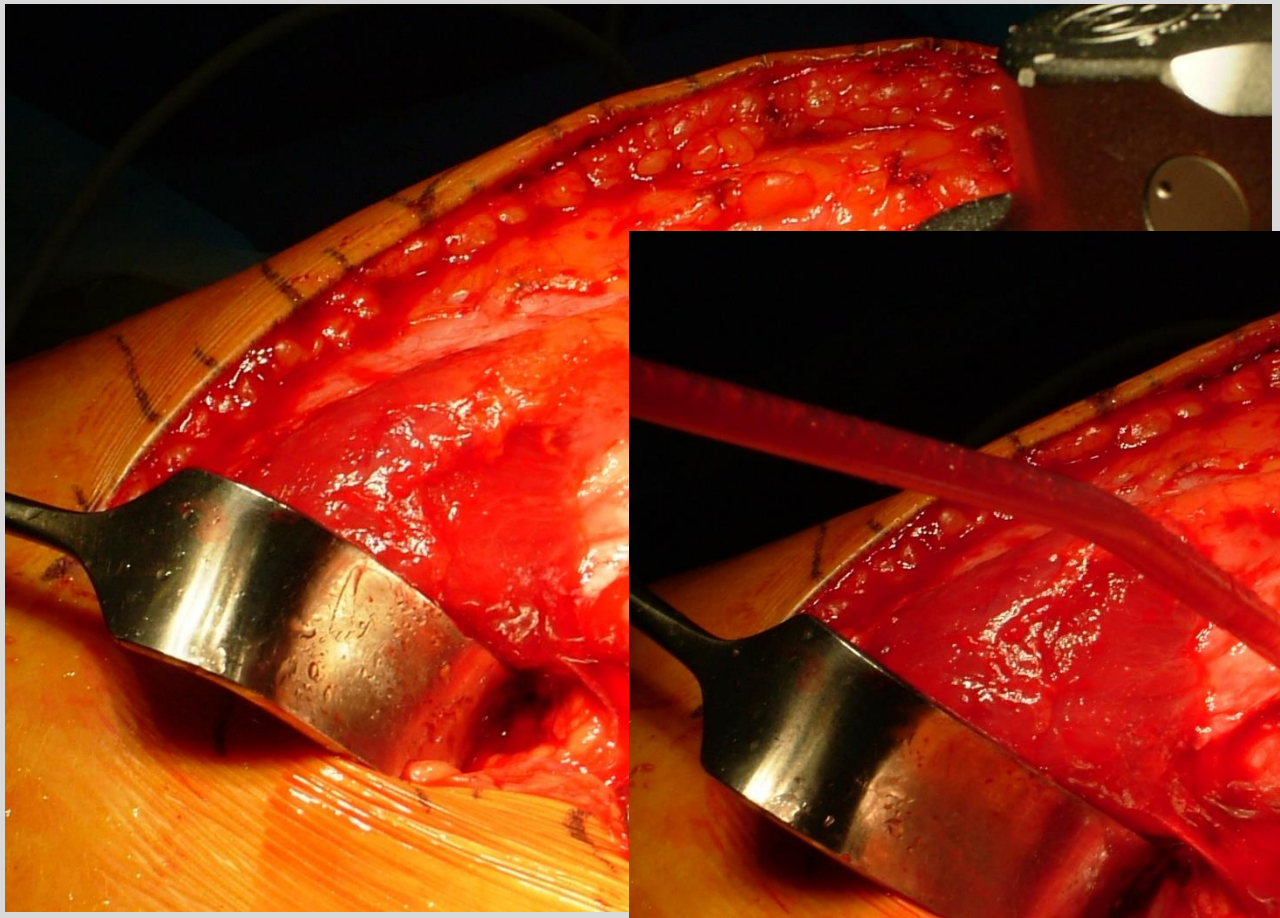

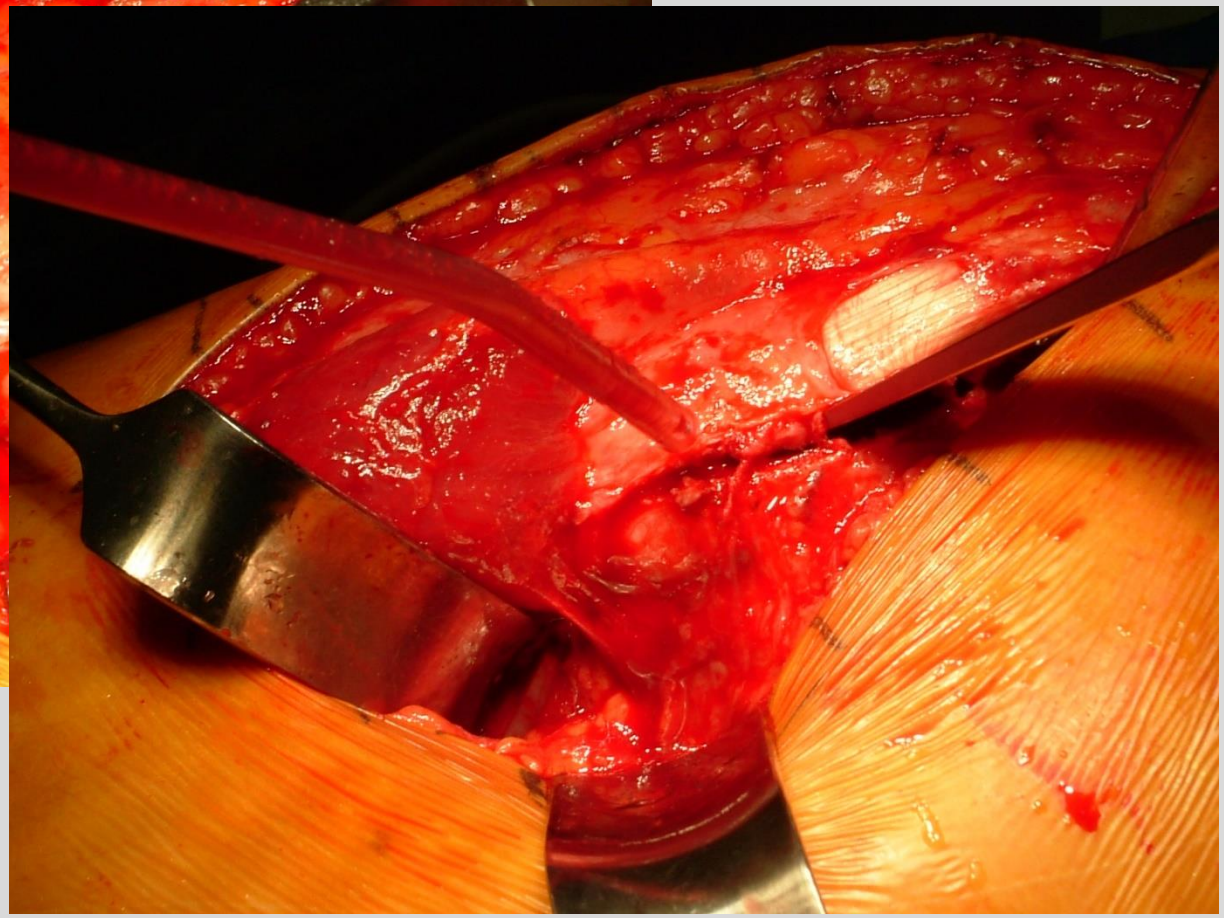

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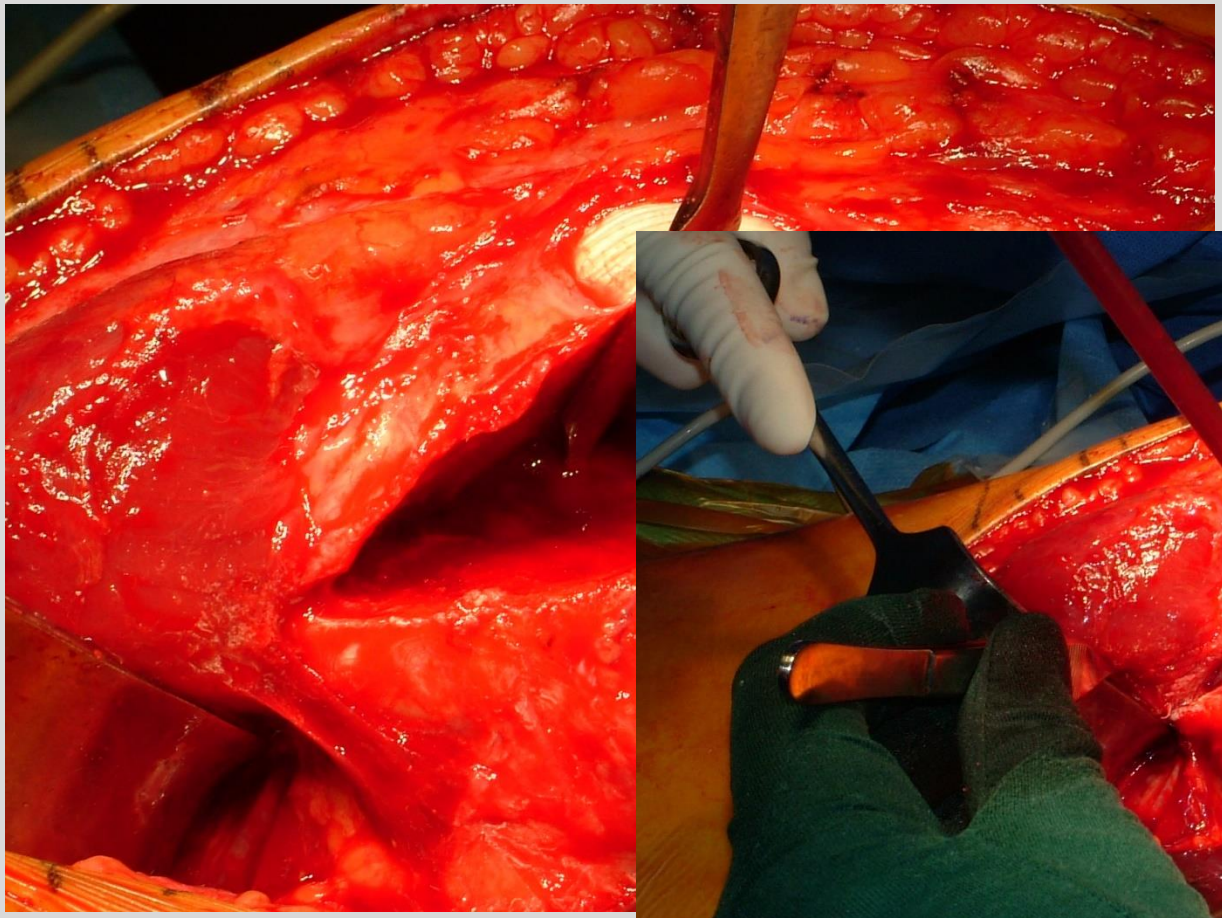

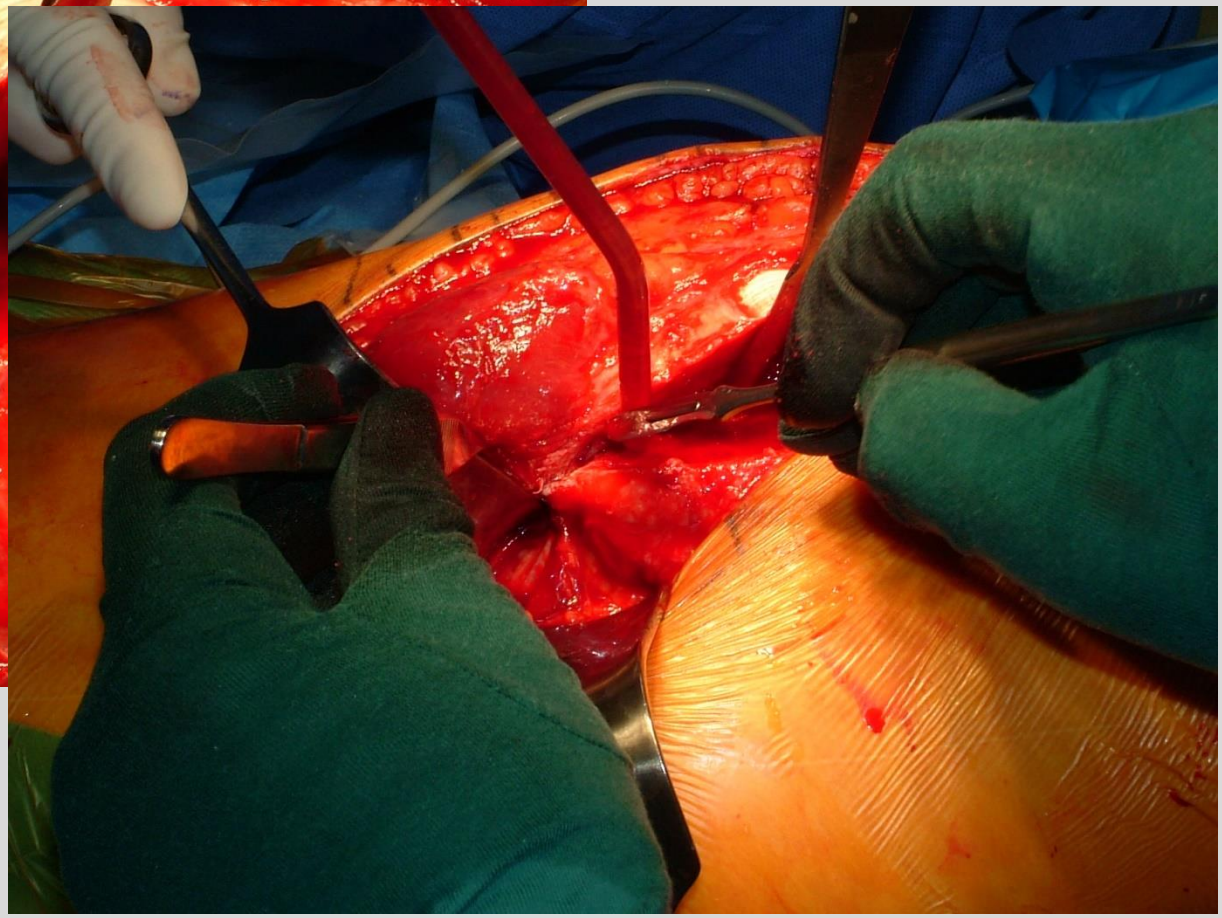

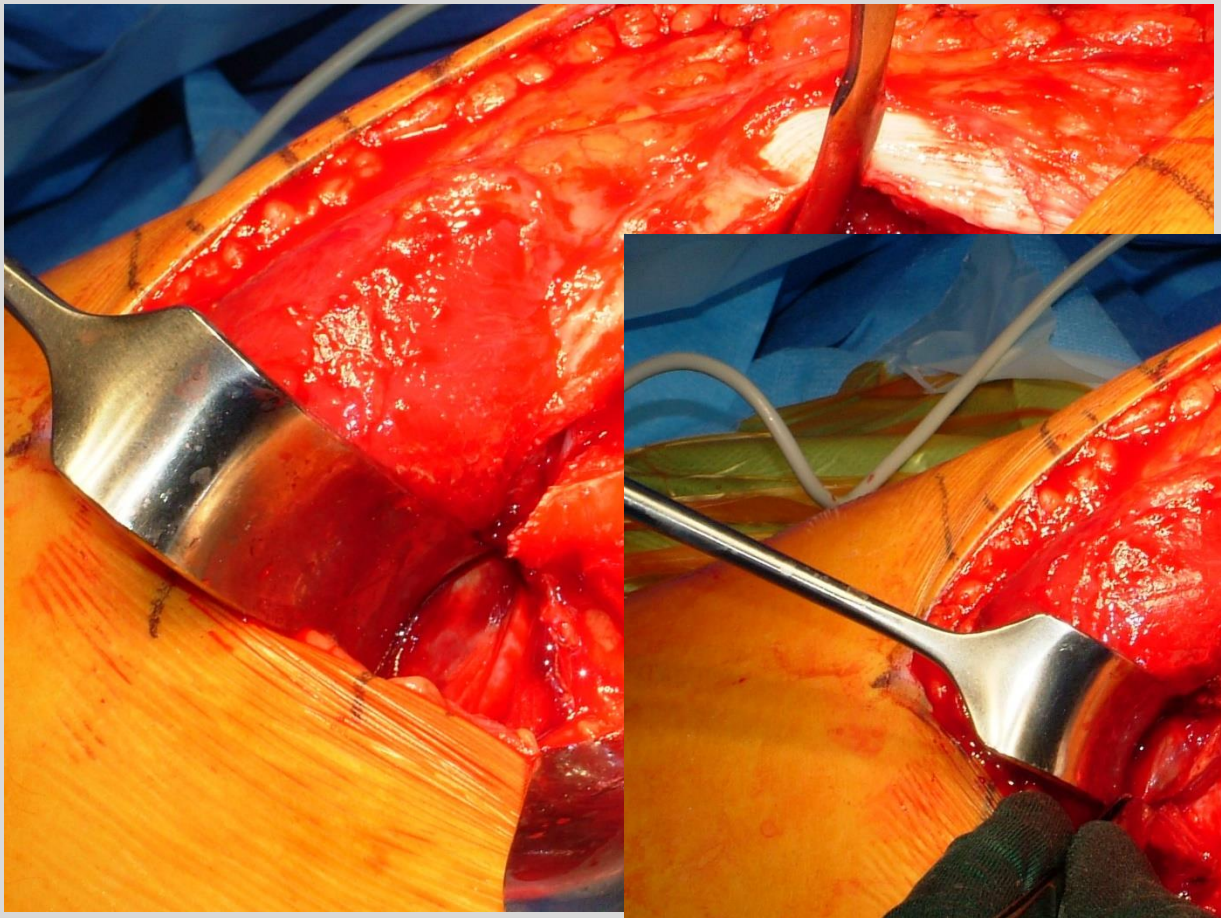

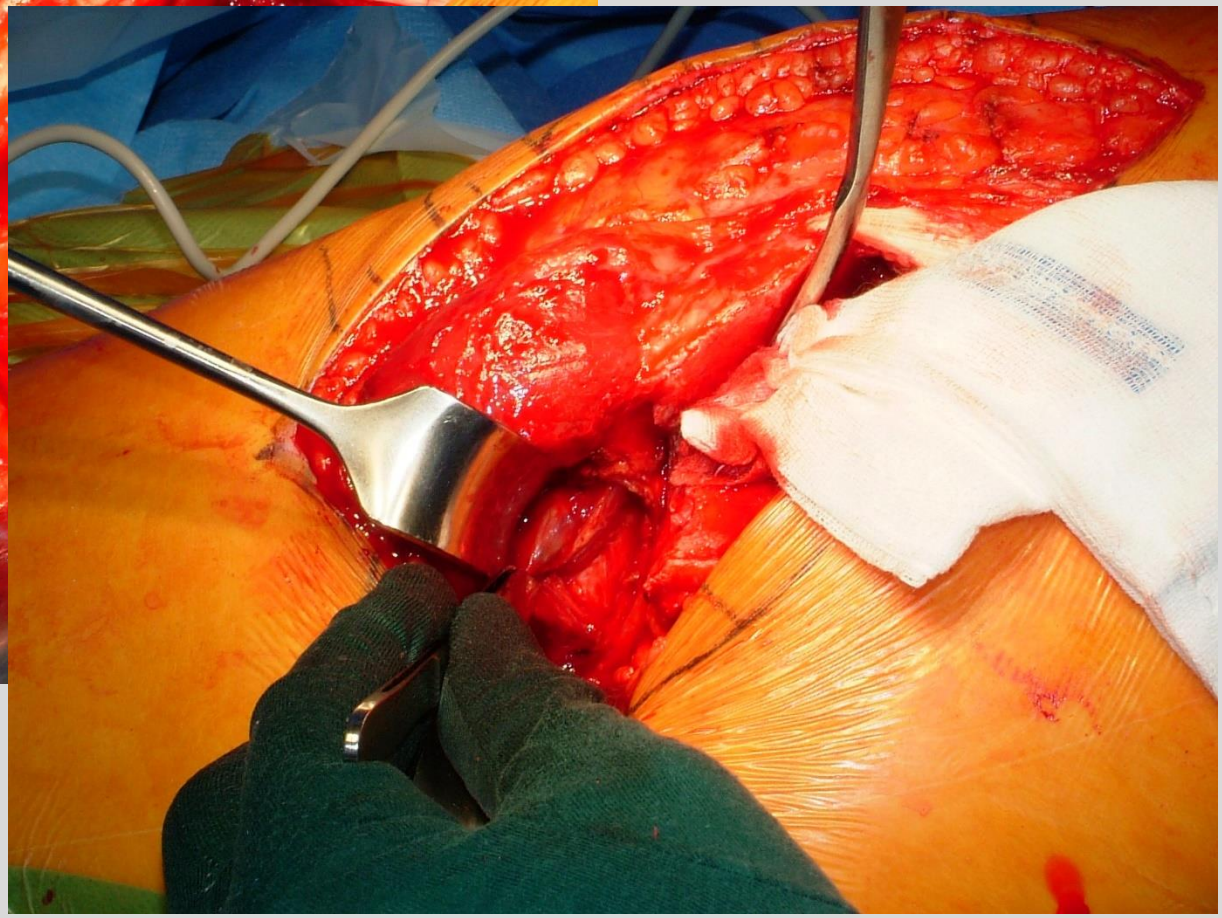

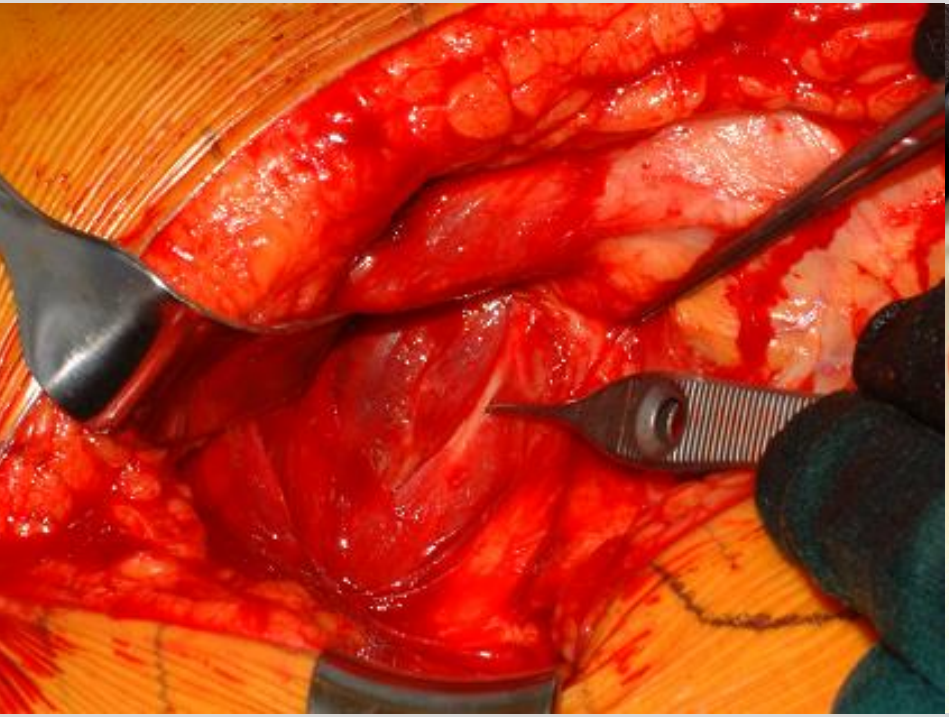

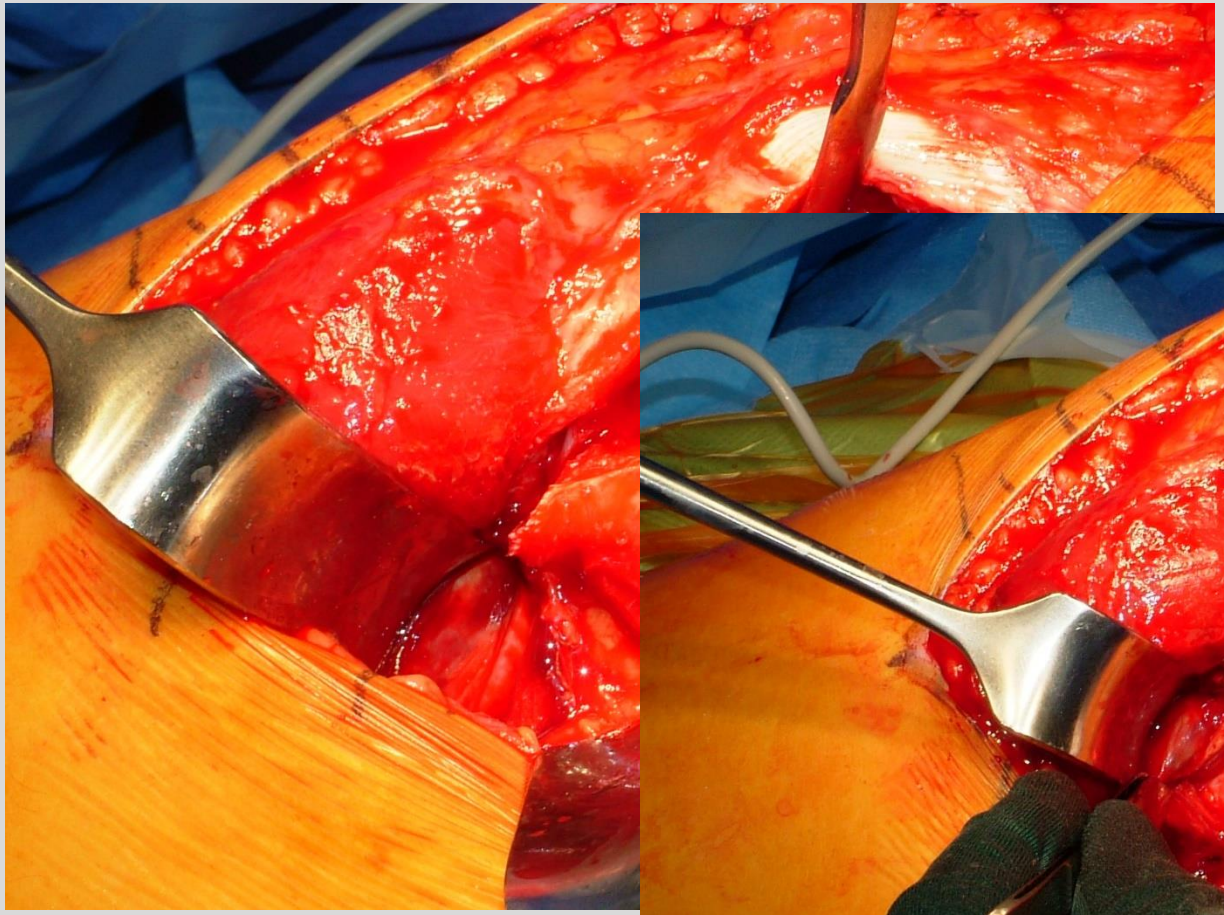

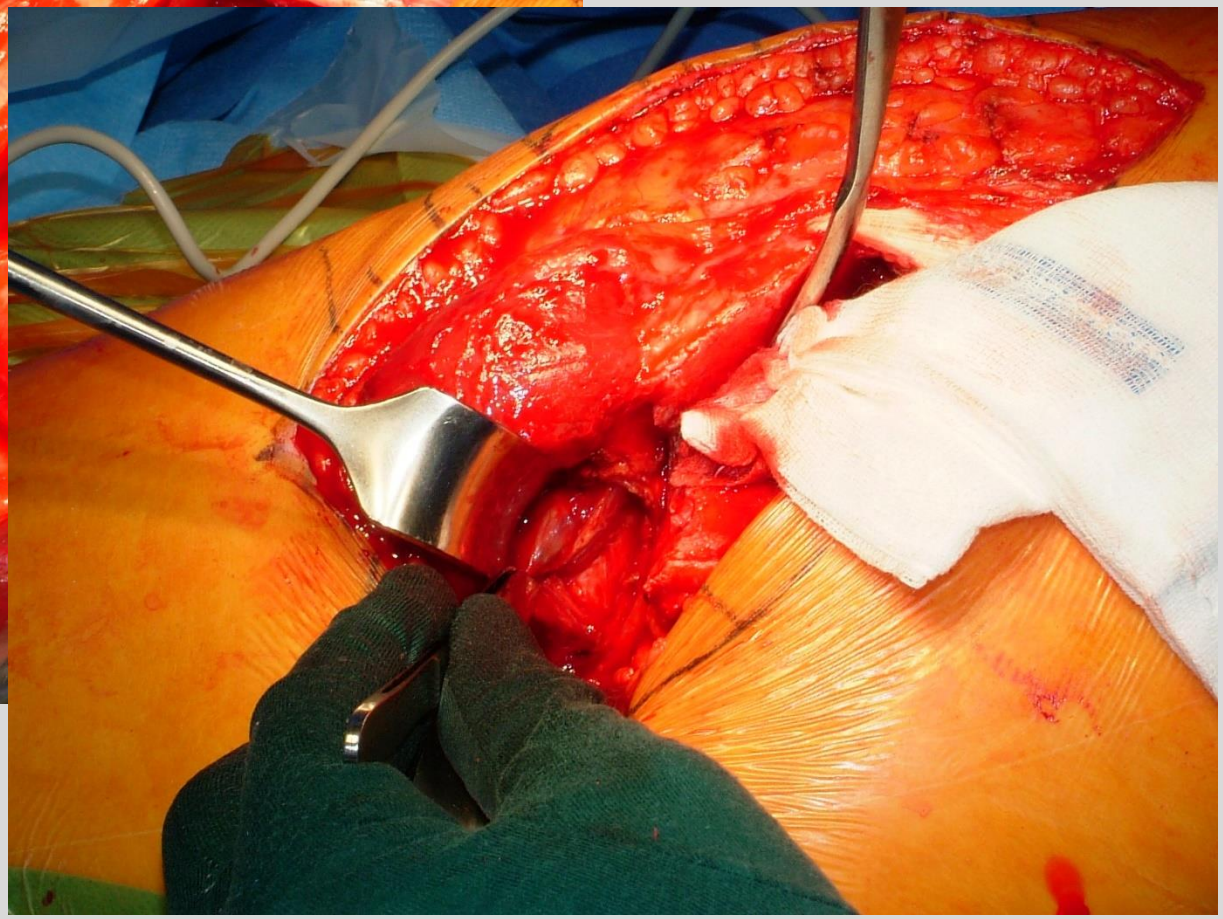

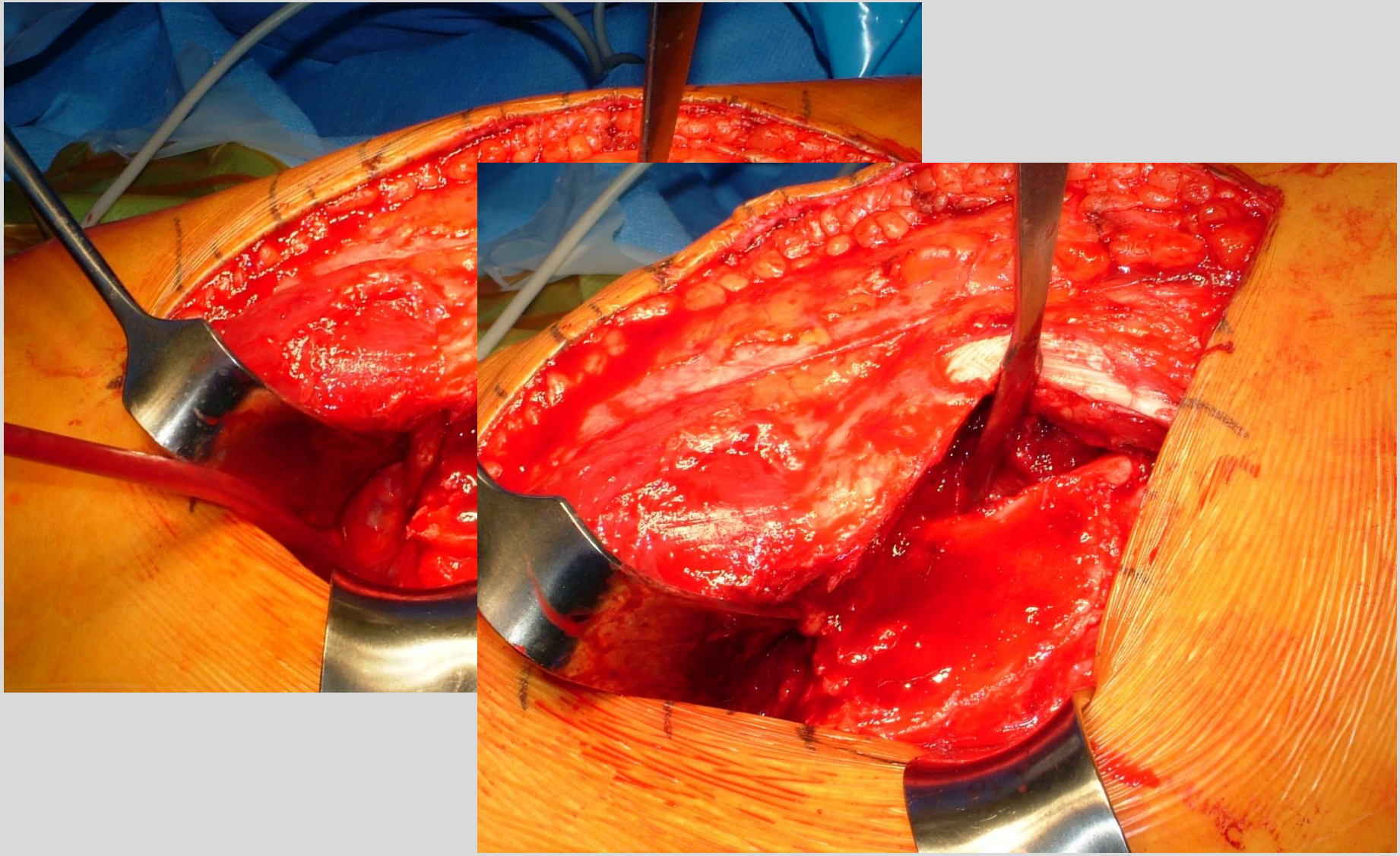

Stepped Trochanteric Osteotomy

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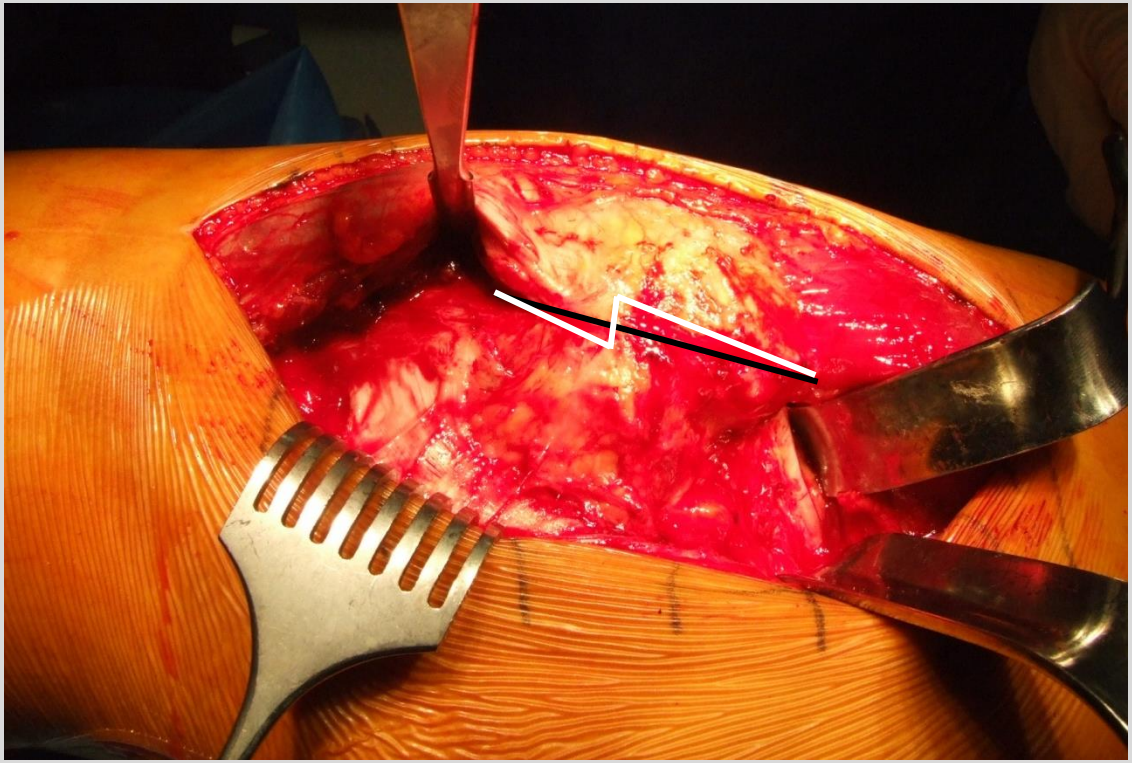

Stepped Trochanteric Osteotomy

ORTHOPÄDIE SONNENHOF
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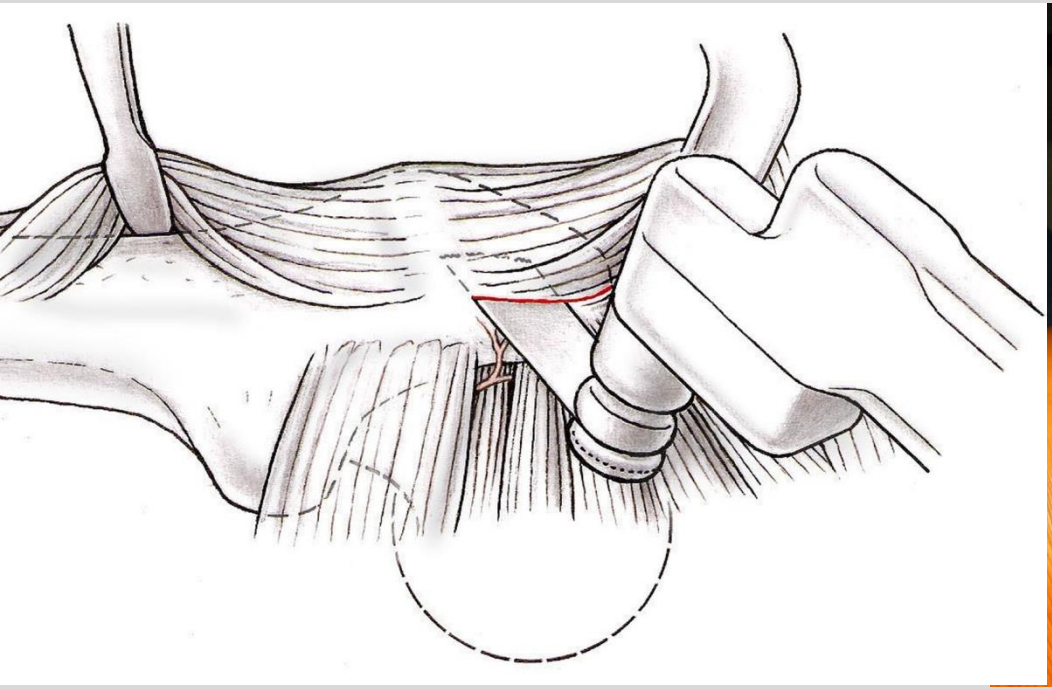
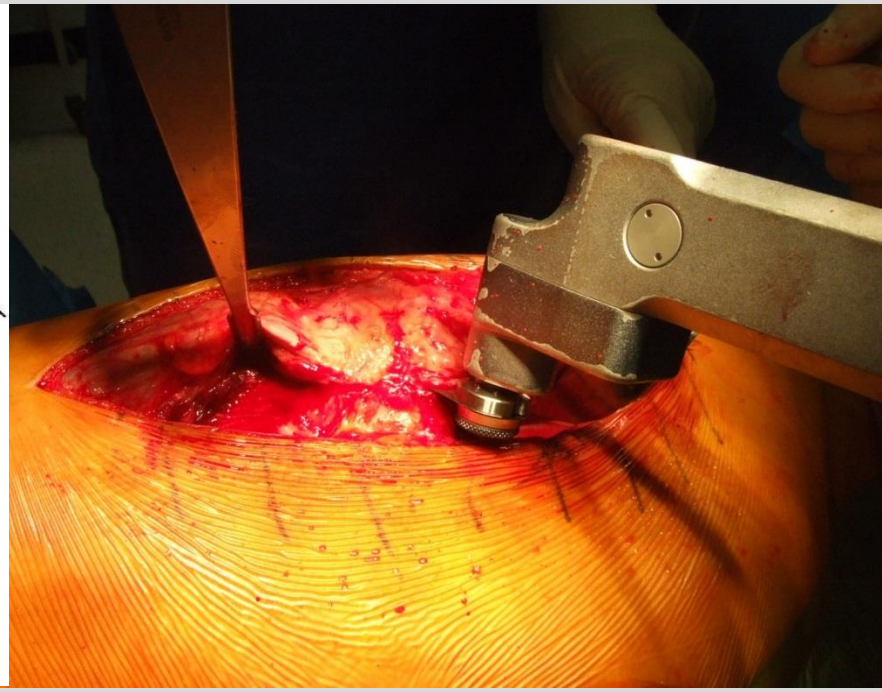
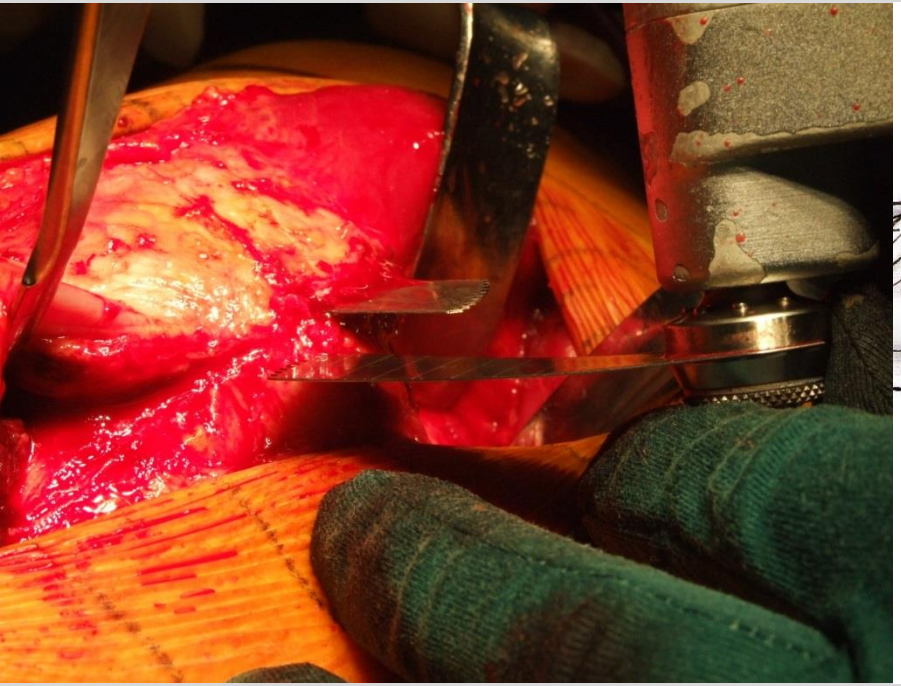
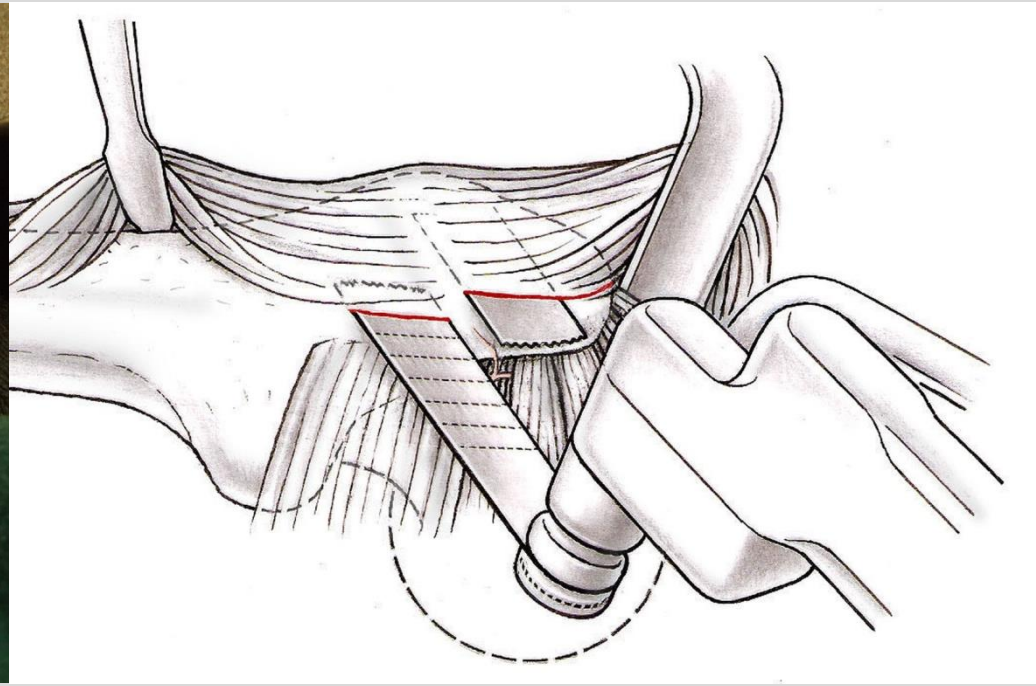




Stepped Trochanteric Osteotomy

ORTHOPÄDIE SONNENHOF
ortho ▪ spine ▪ sport





Stepped Trochanteric Osteotomy

ORTHOPÄDIE SONNENHOF
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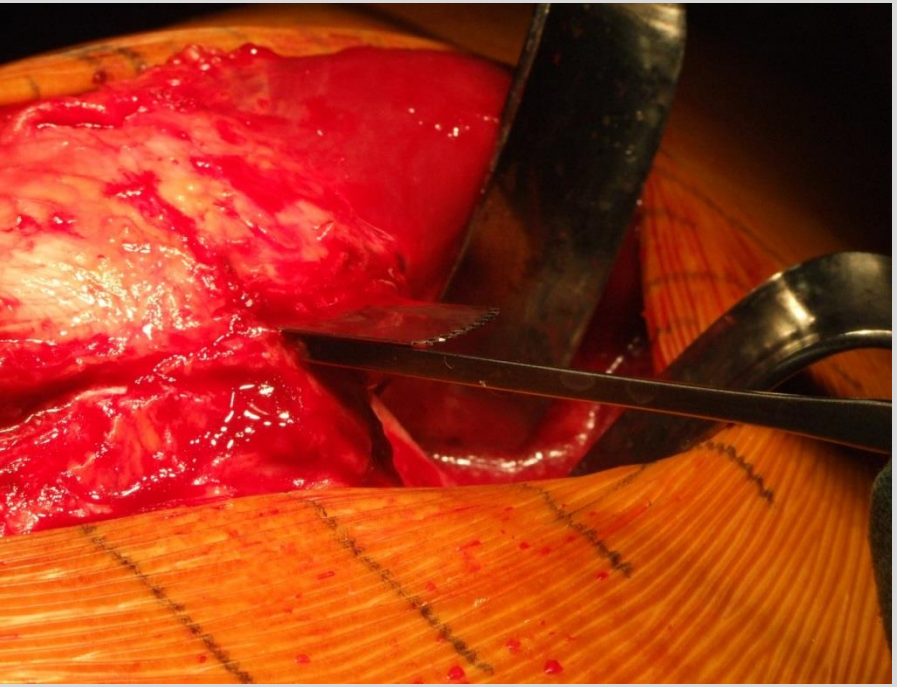

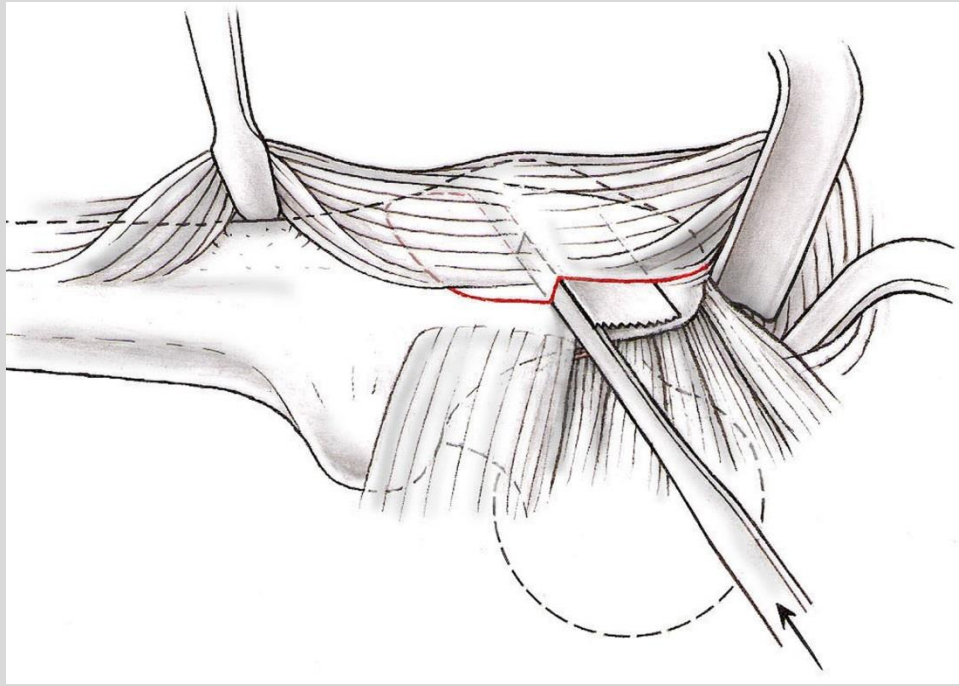

Stepped Trochanteric Osteotomy

ORTHOPÄDIE SONNENHOF
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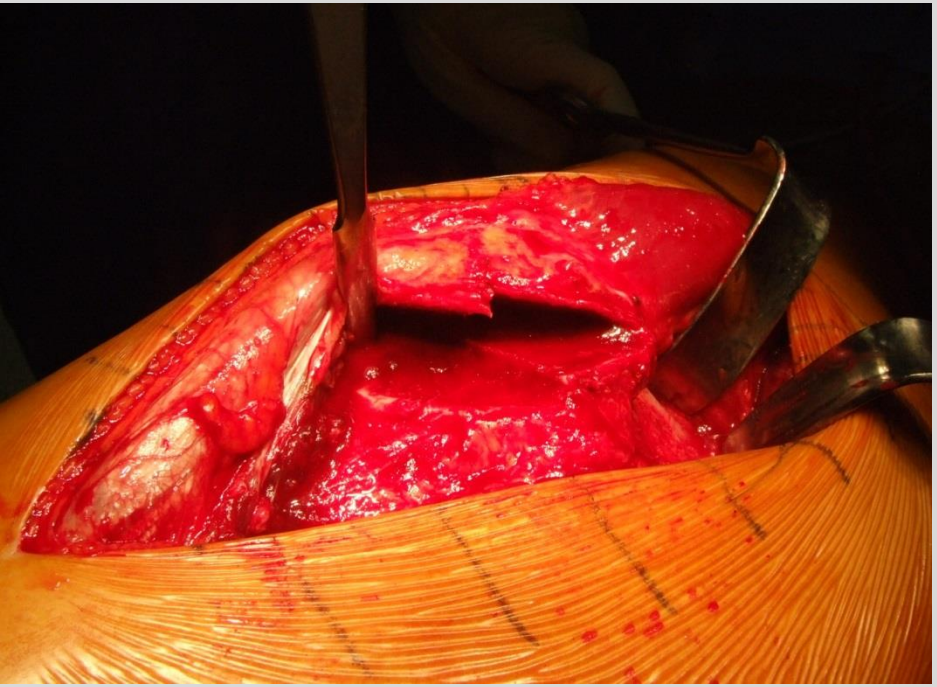
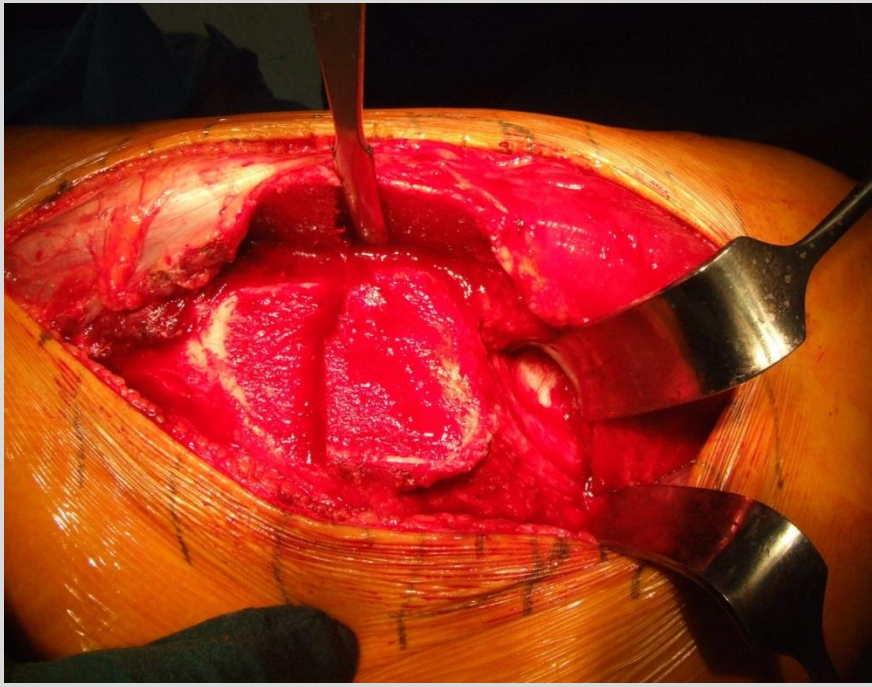
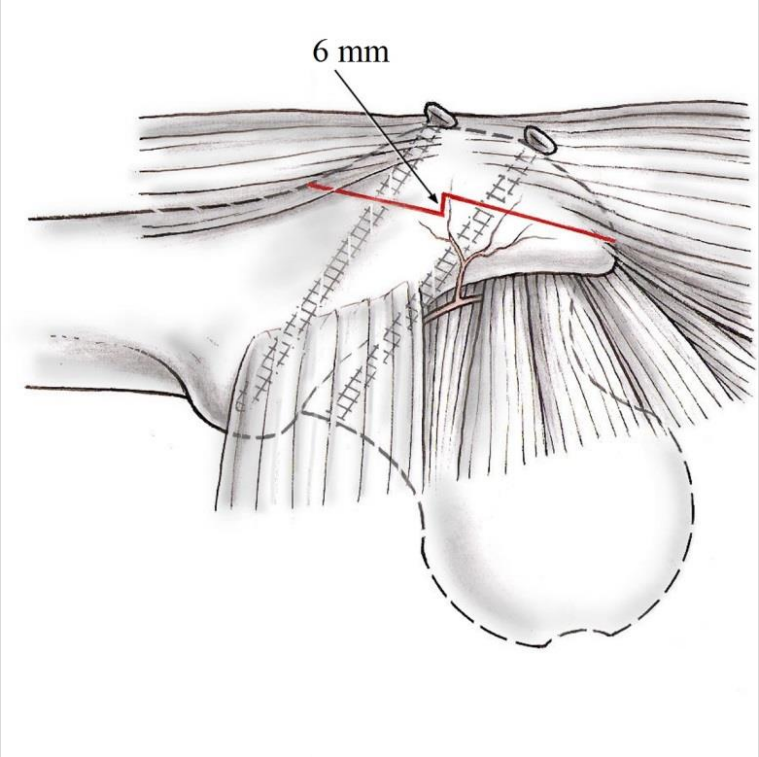




Stepped Trochanteric Osteotomy



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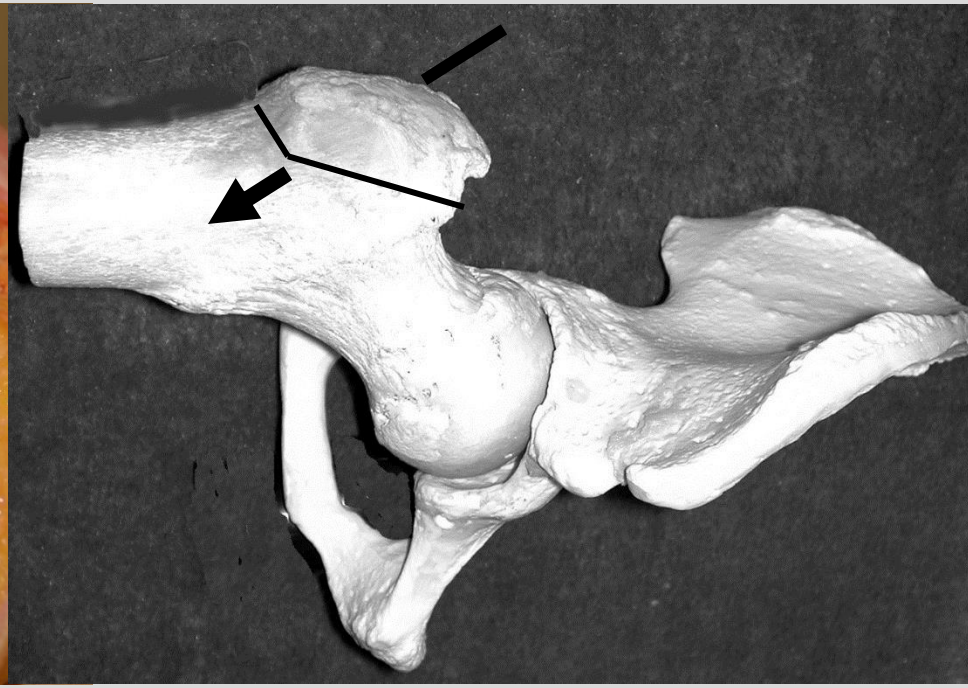
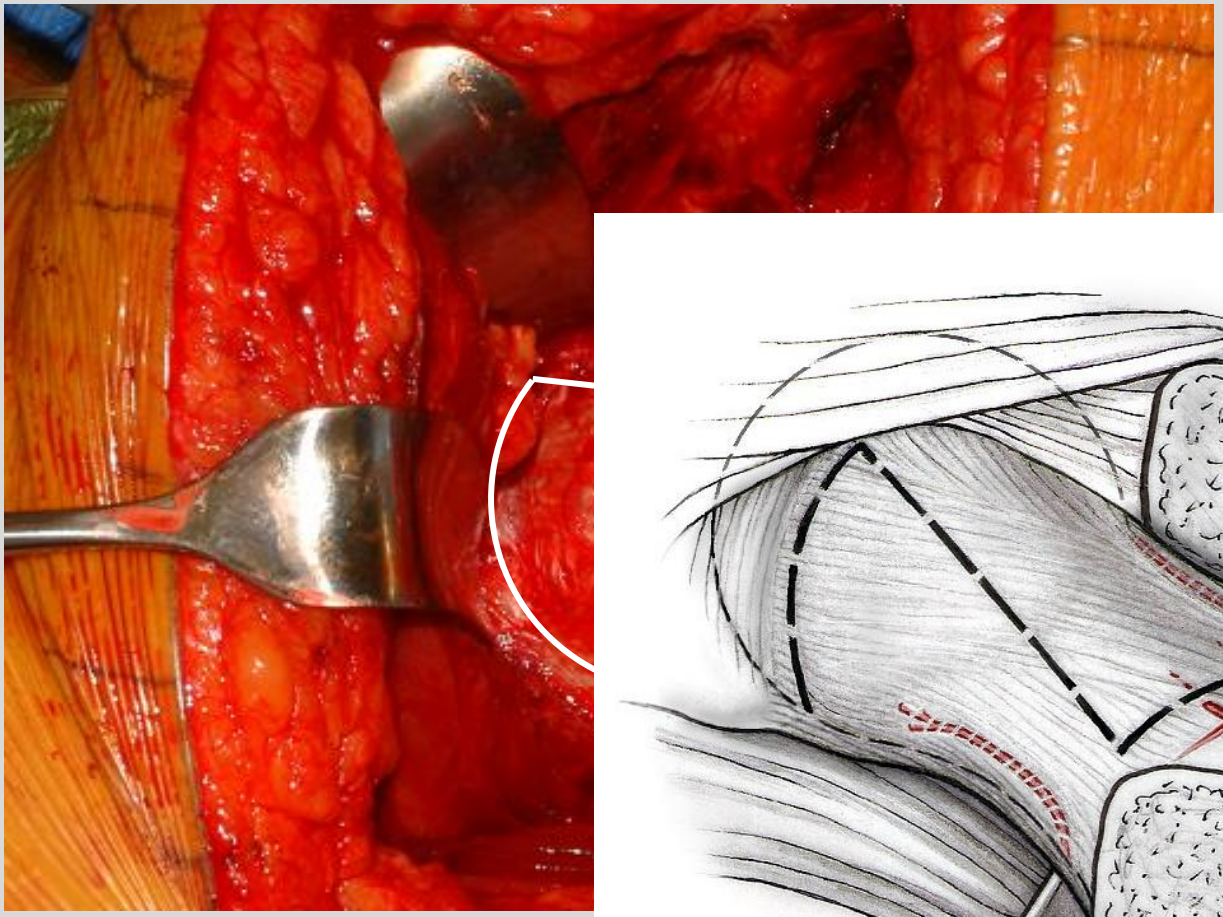
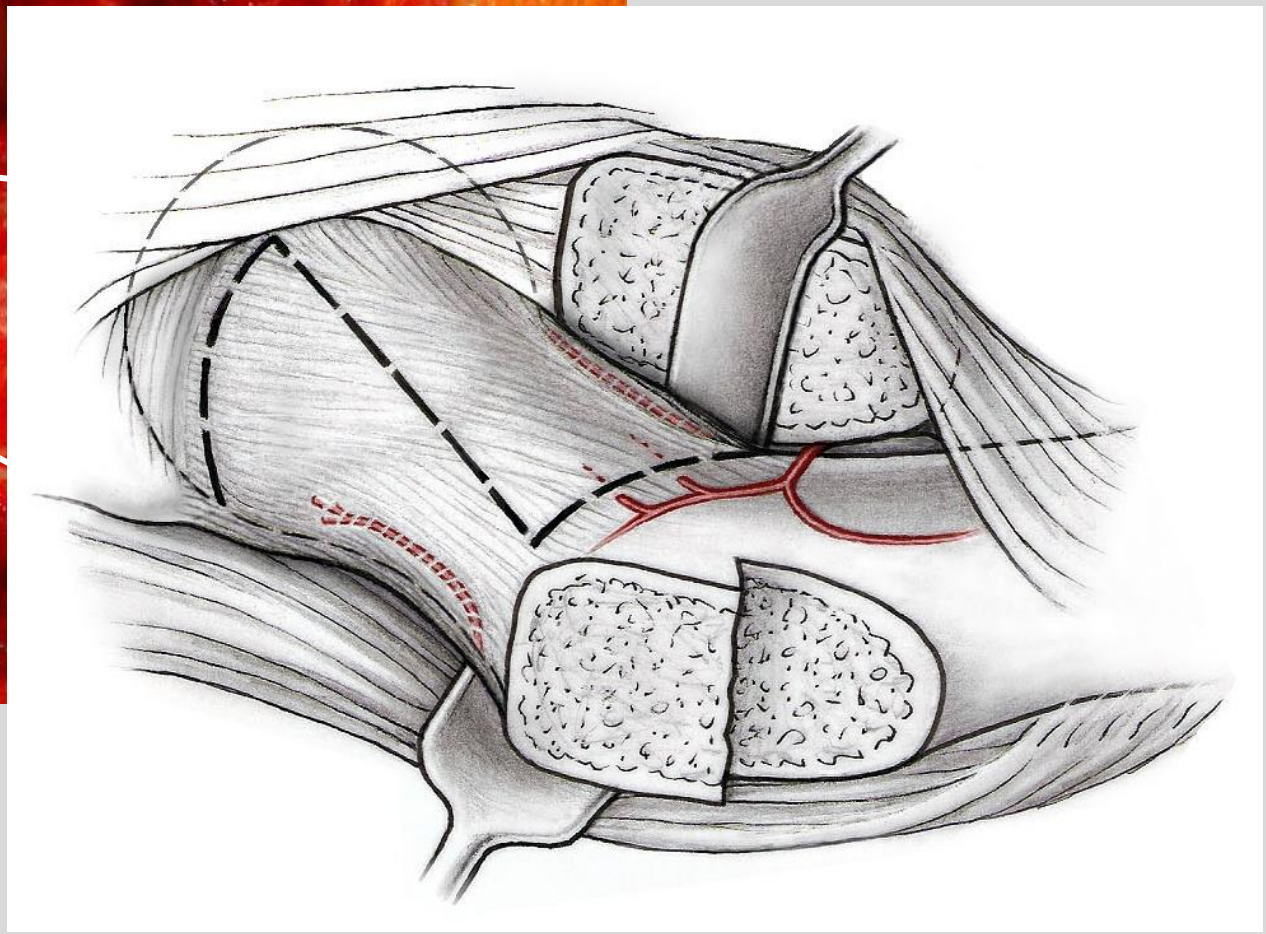
ortho ▪ spine ▪ sport

View from anterior



Capsulotomy





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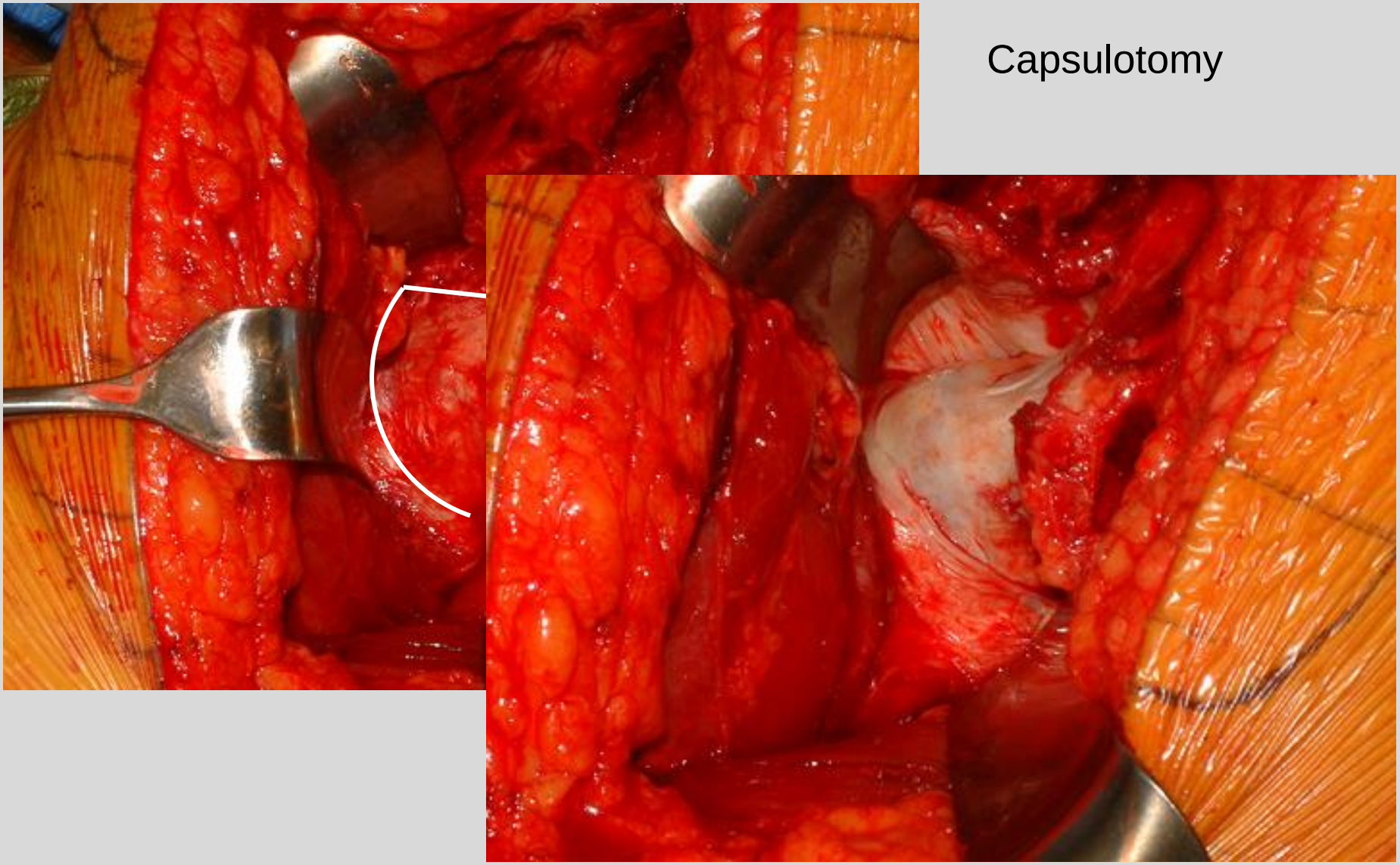
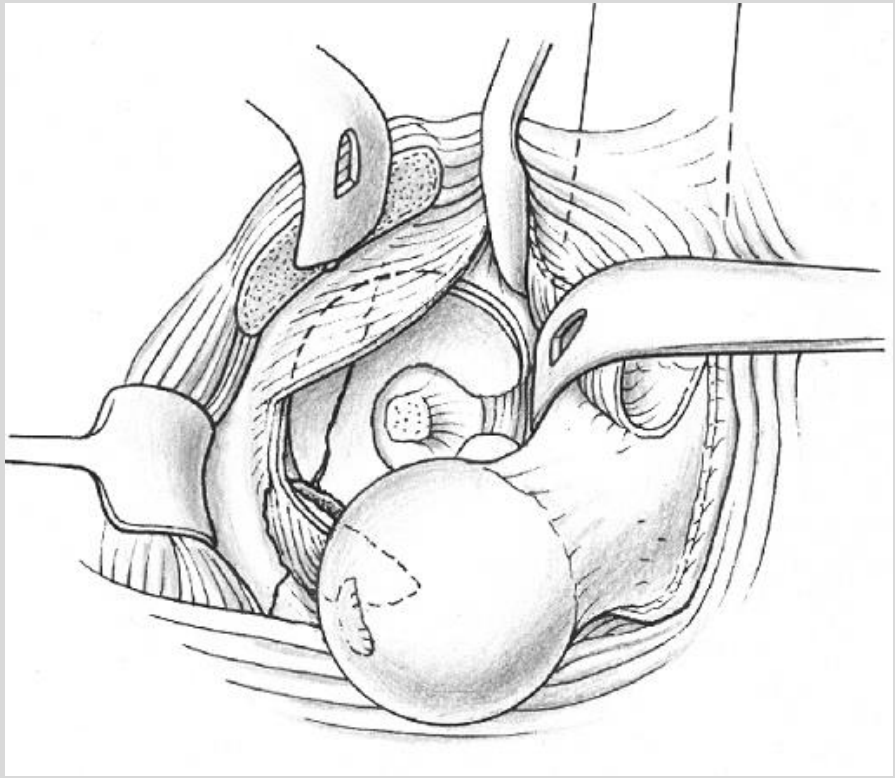
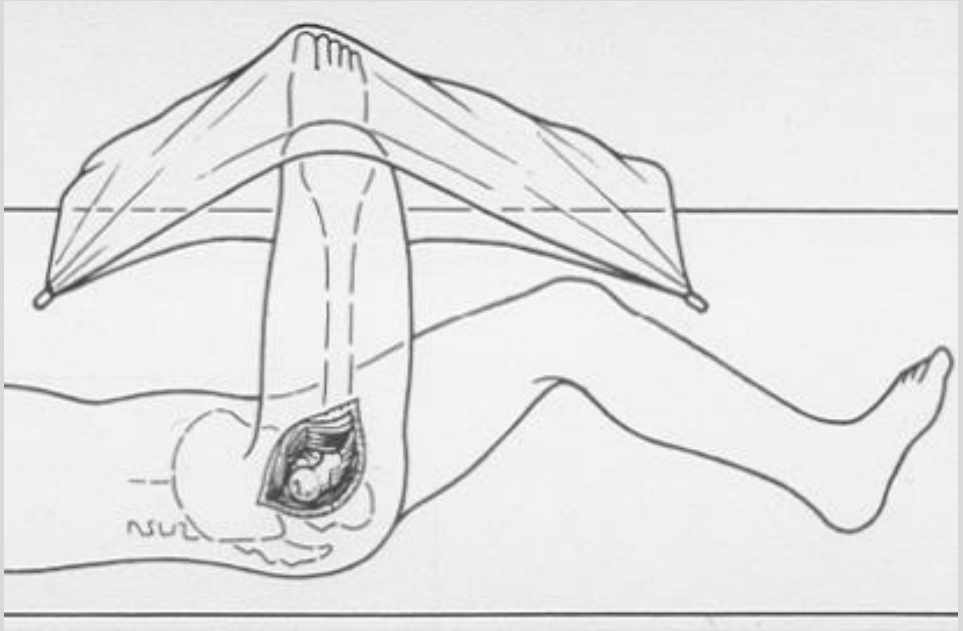
Capsulotomy







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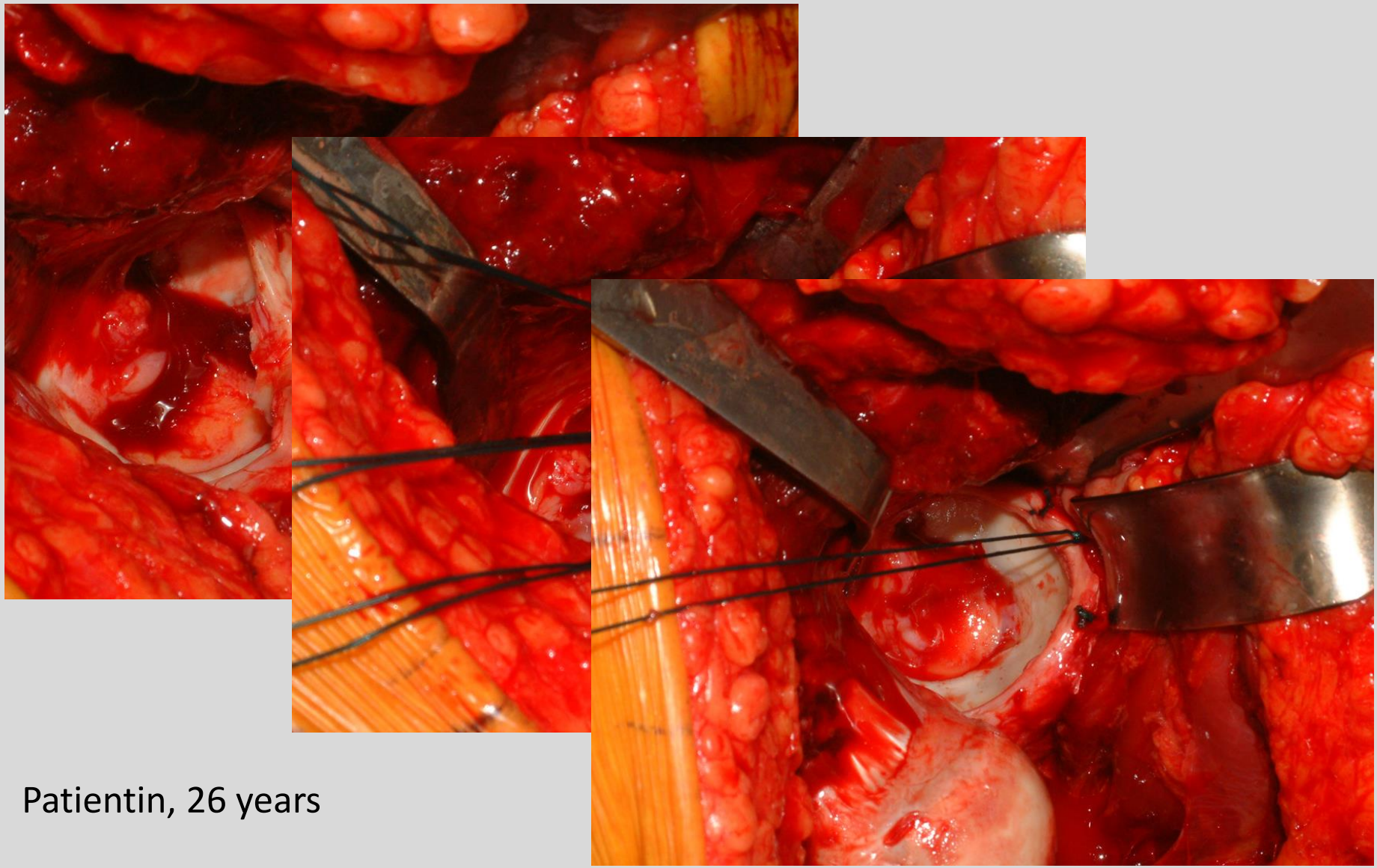

Patientin, 26 years

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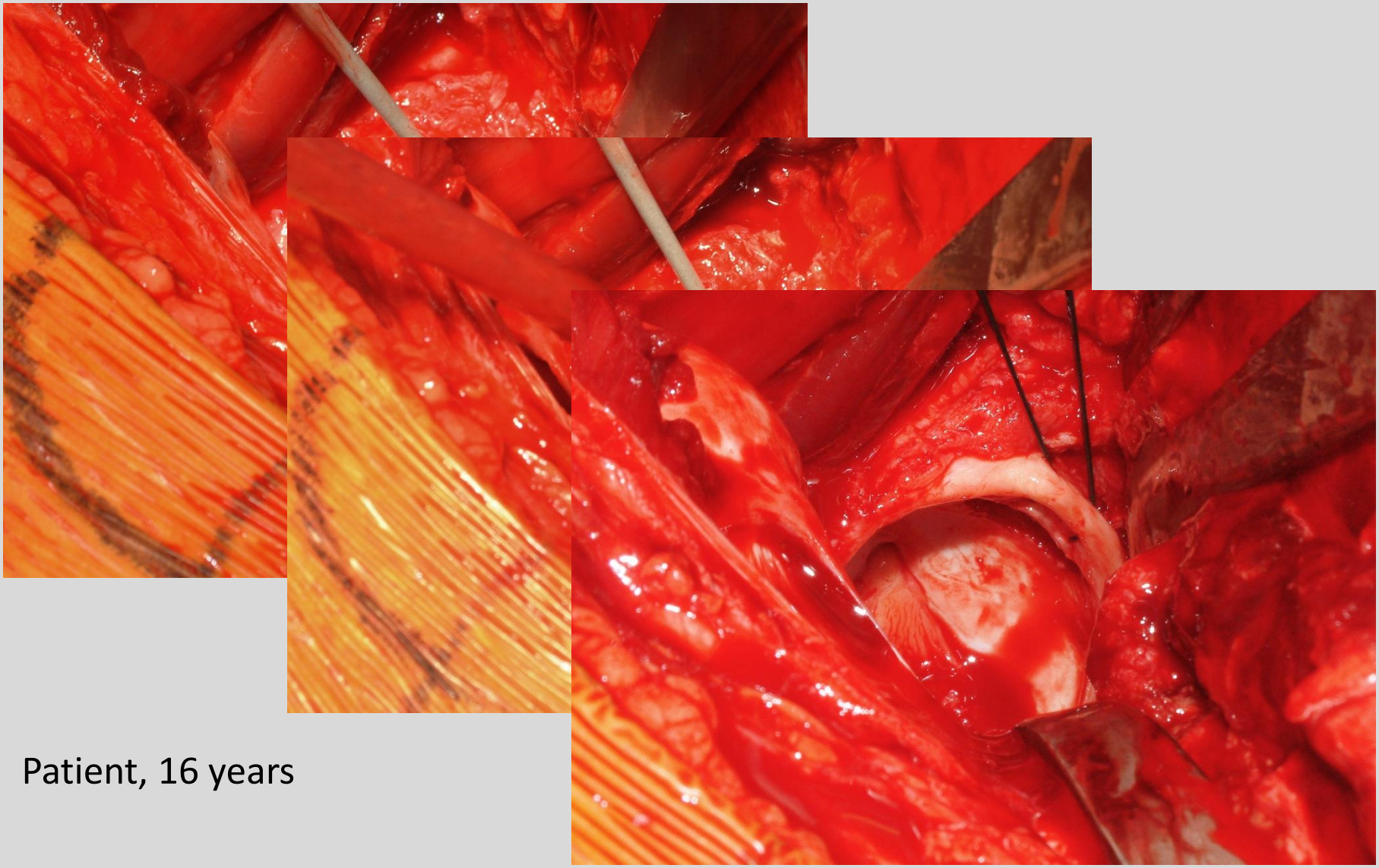
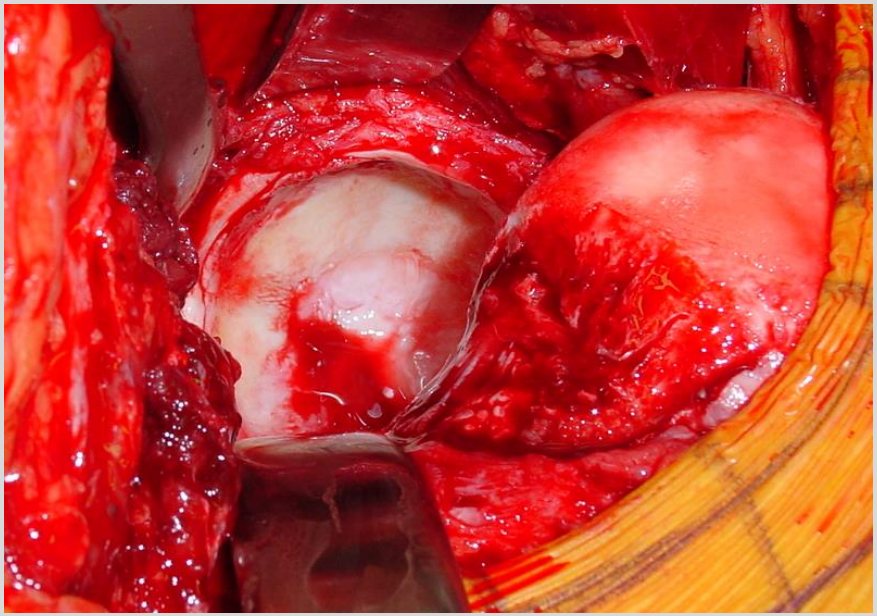
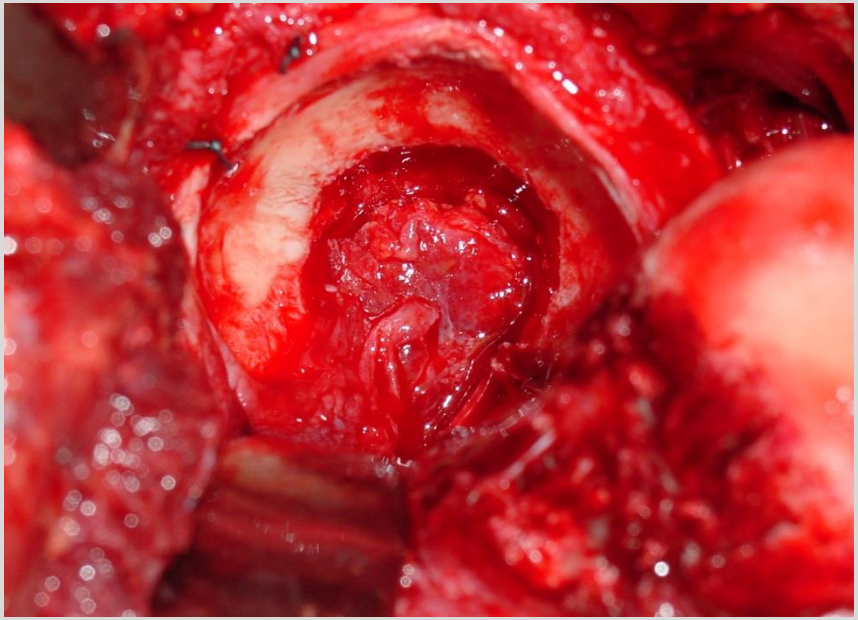


Patient, 16 years





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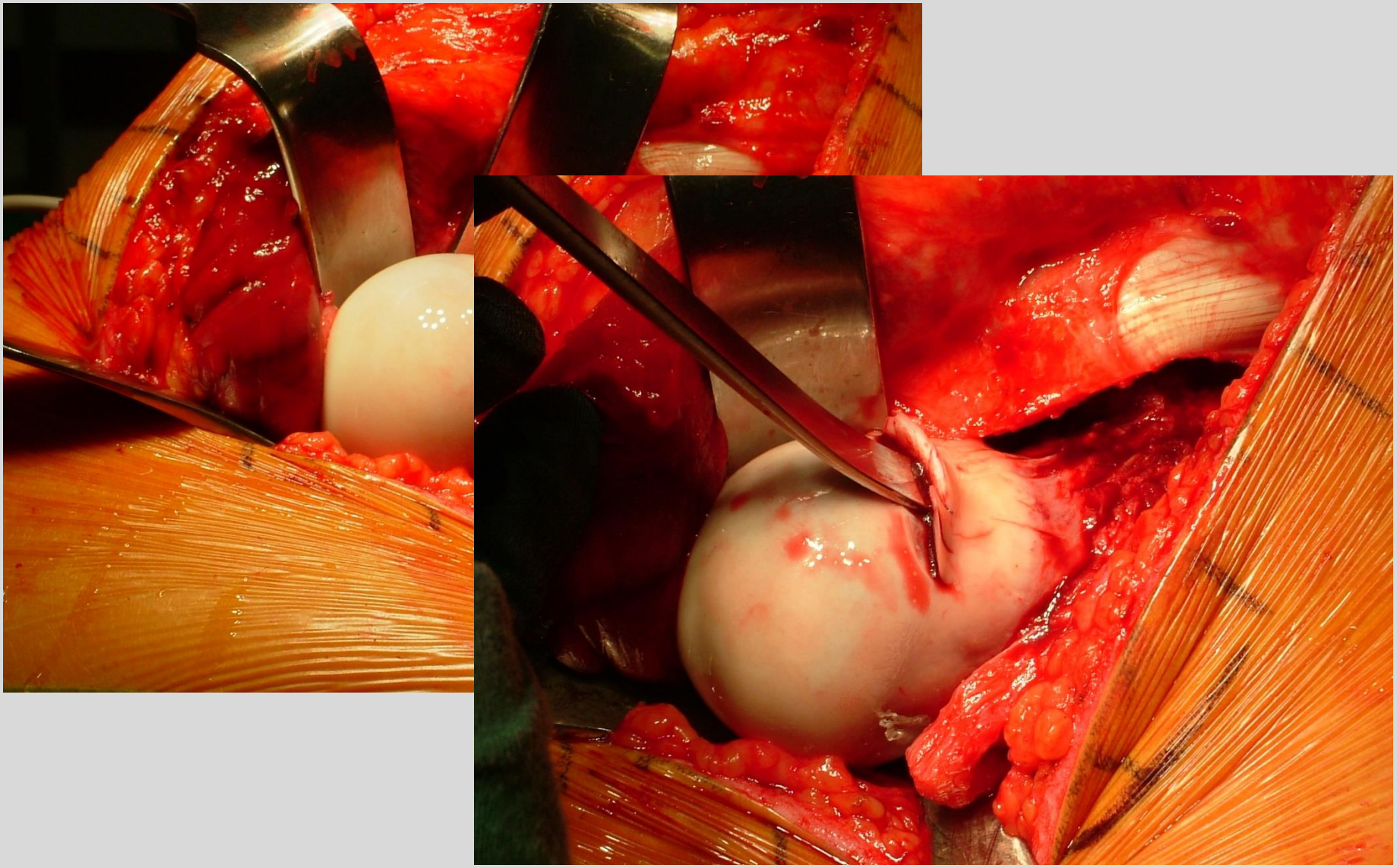

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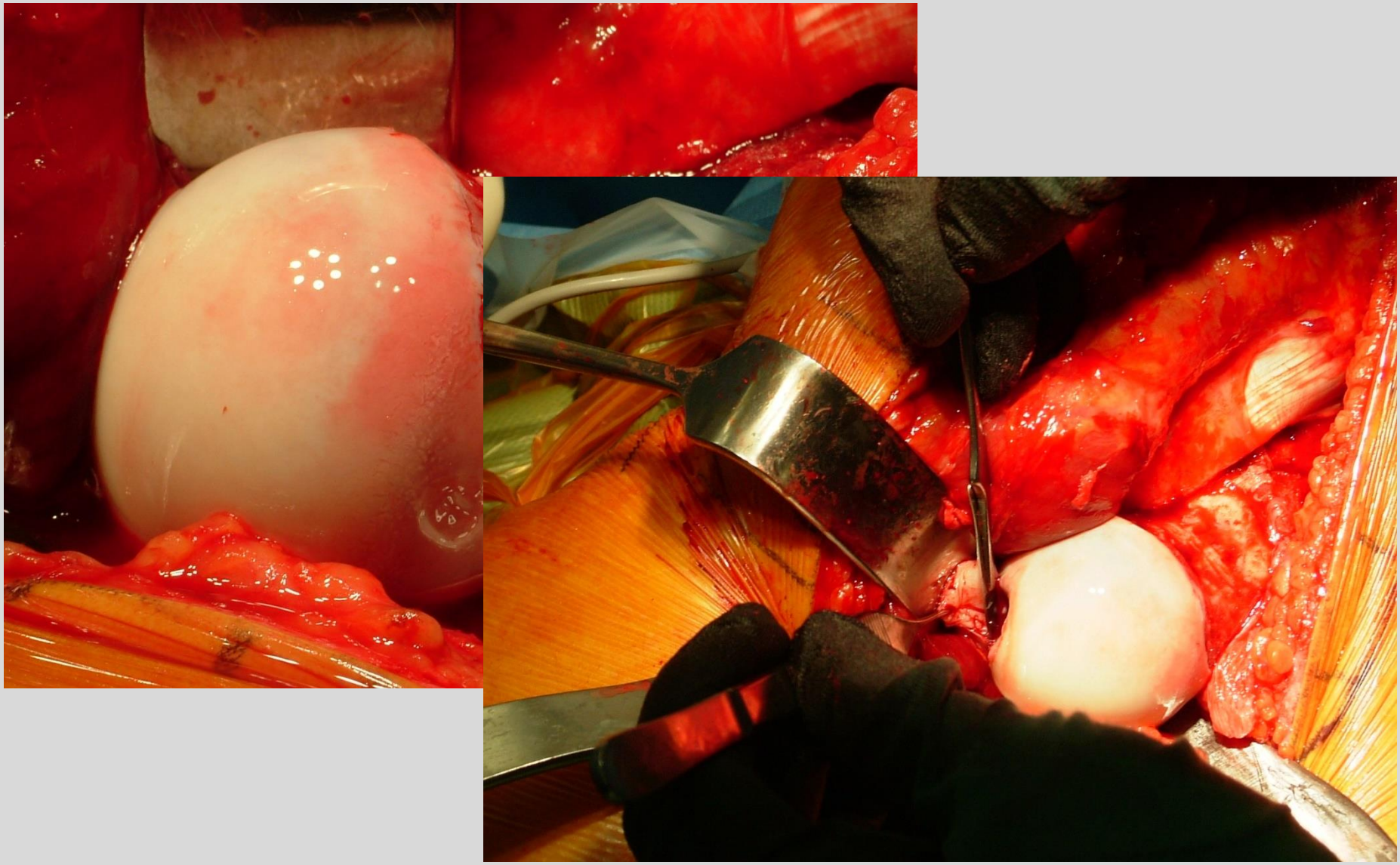

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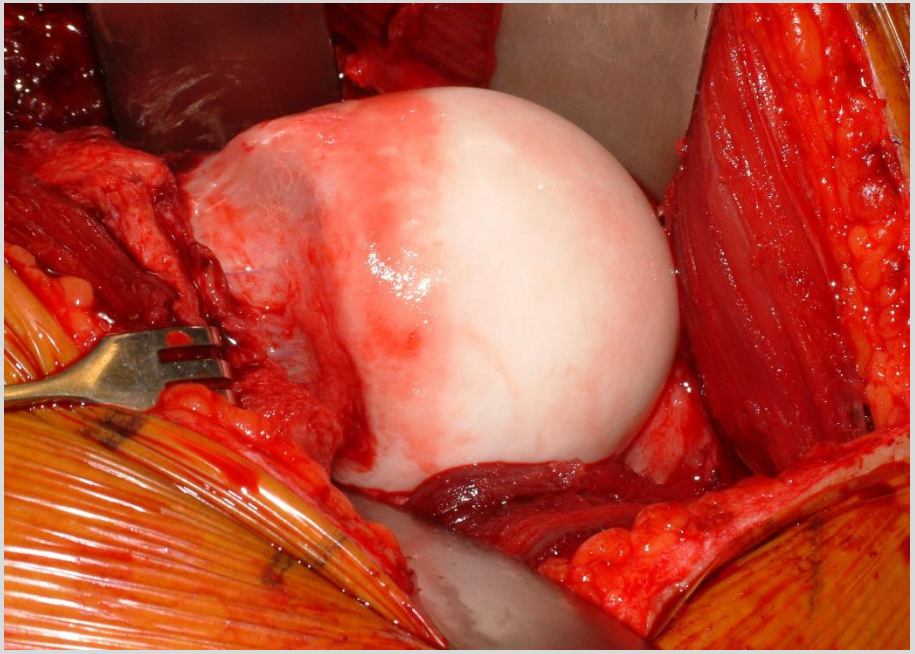
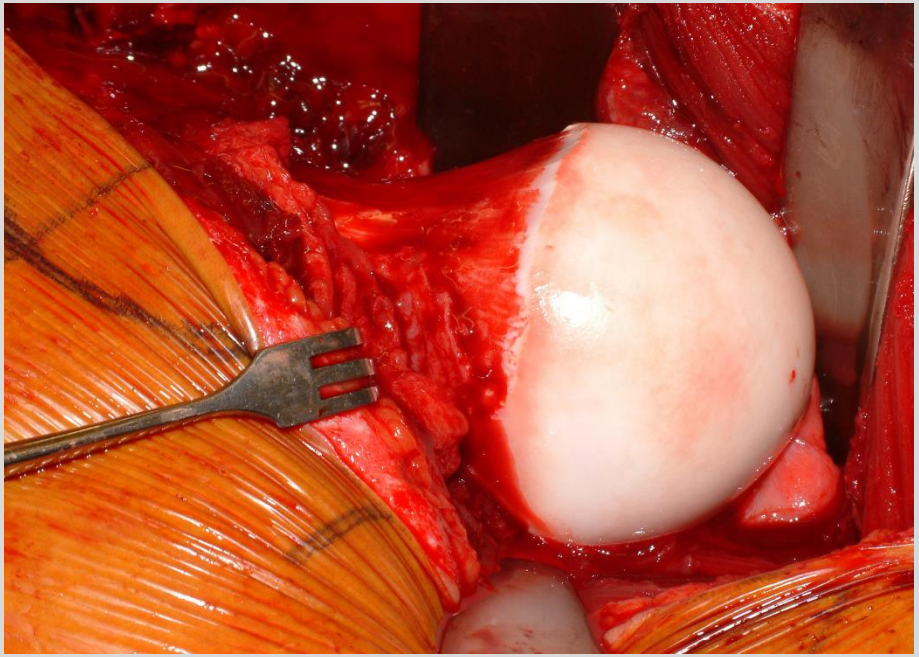
Patient, 17 Jahre

Patient, 17 years





Intraoperative goals

Impingement free motion:

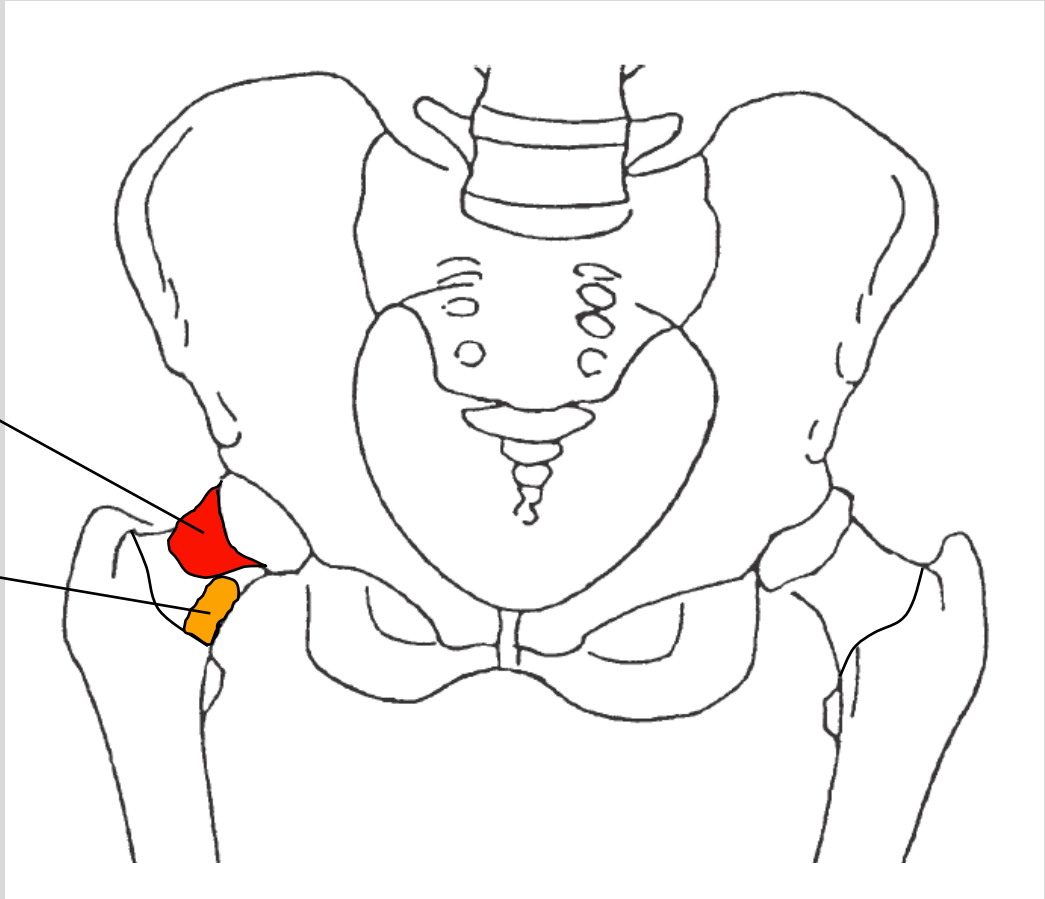
- IR in 90° of hip flexion of 40-45°

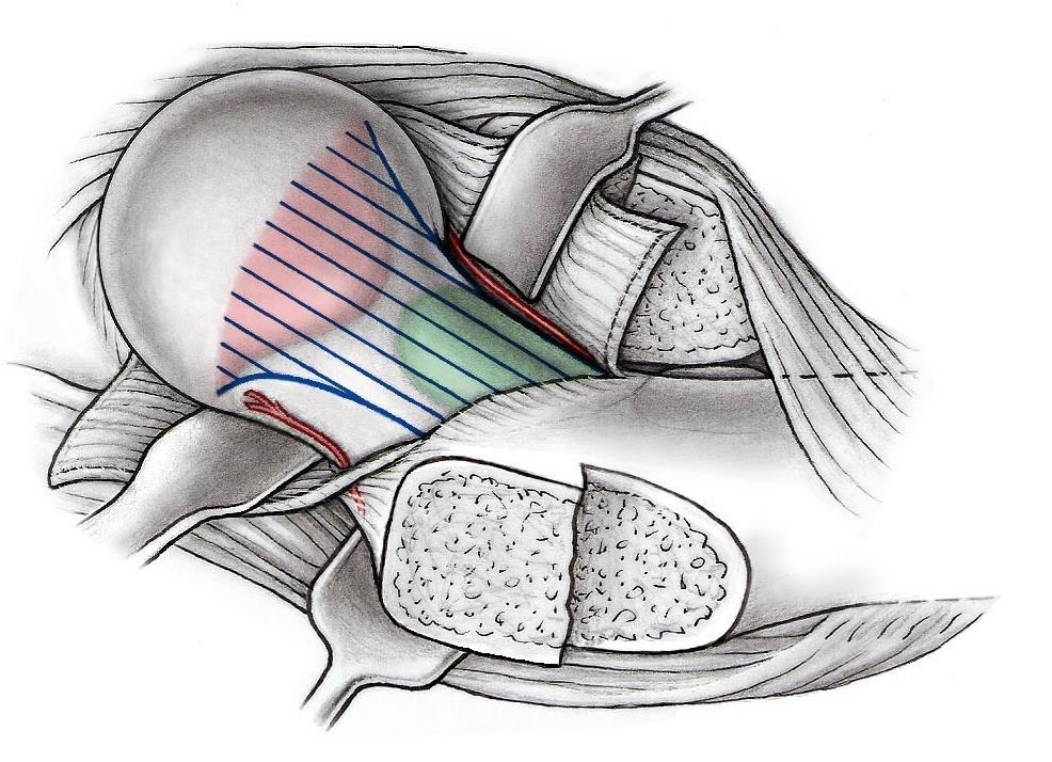
- Flexion of 115°-120°

Areas of femoral impingement

Impingement in IR

Impingement in flexion

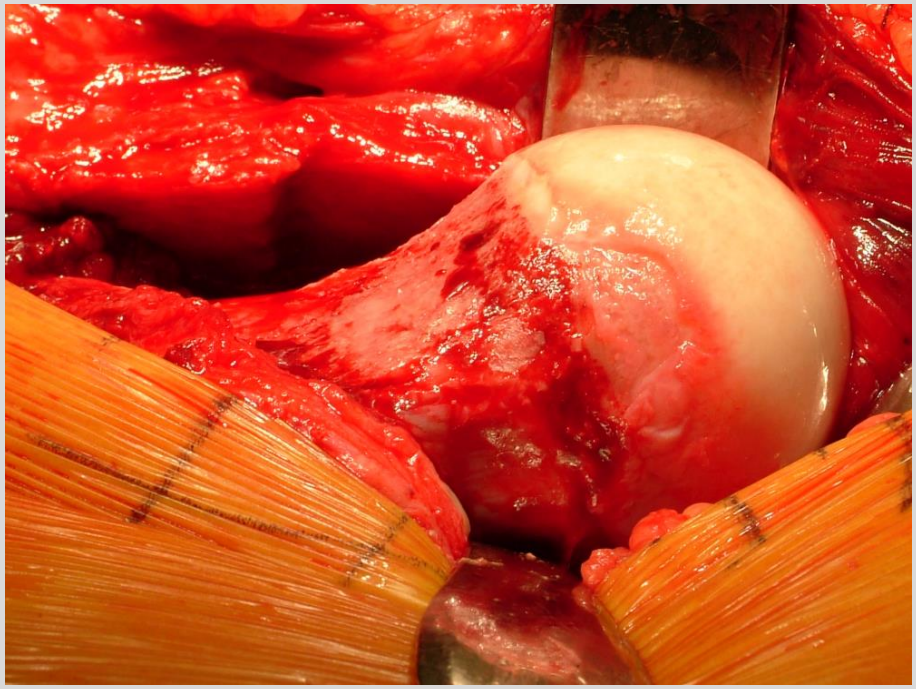




Intraoperative goals

Impingement free motion:

- IR in 90° of hip flexion of 40-45°
- Flexion of 115°-120°
- Smooth transition at the junction



Postoperative rehabilitation

4 weeks crutches 1/2 BW

CPM during hospitalization
At home exercise bike for hip mobilization
FLX p90°, a60° ;
Stretching of the quadriceps
Isometric quadriceps training

NSAR + PPI for 10 days

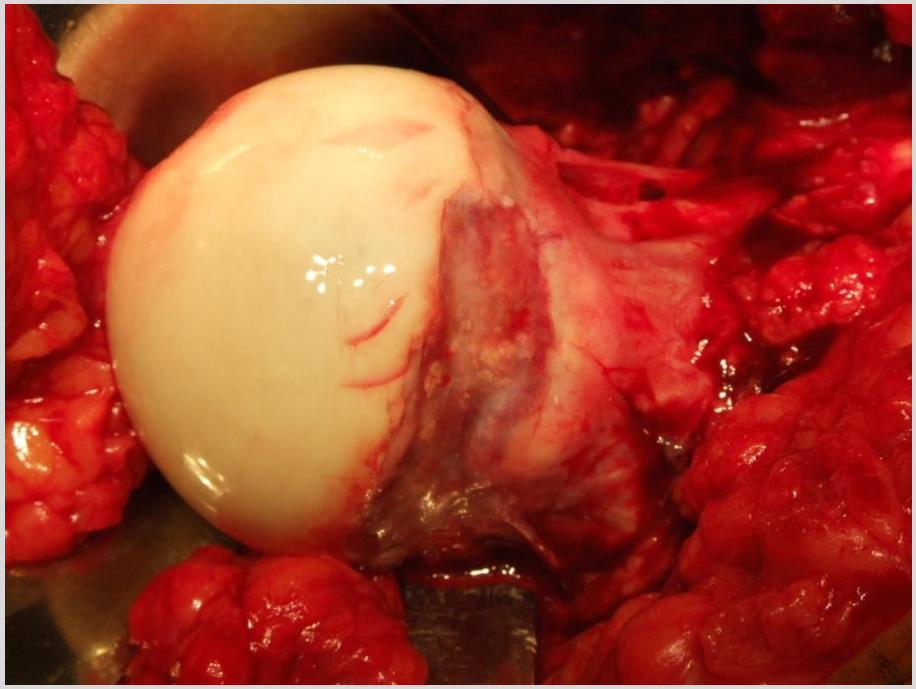
to avoid

Insufficient osteochondroplasty

Step osteochondroplasty

Damage to the blood vessels

Delayed union of the osteotomy



to avoid

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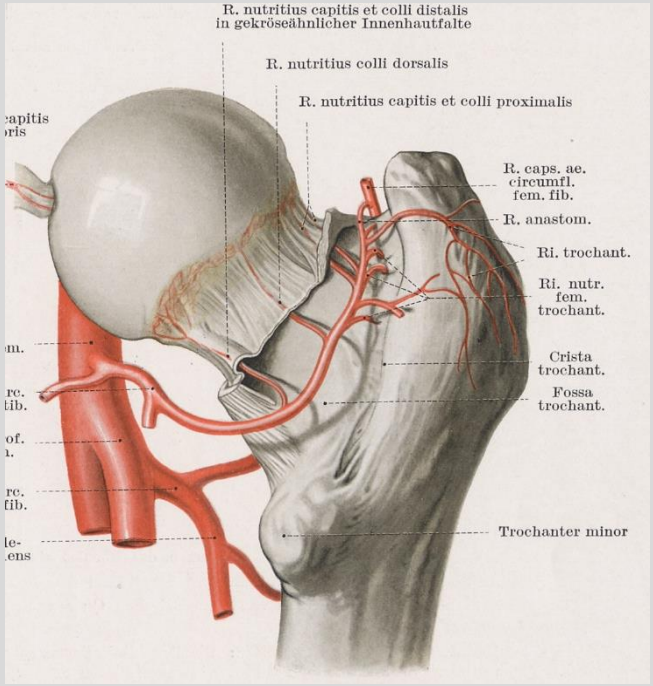
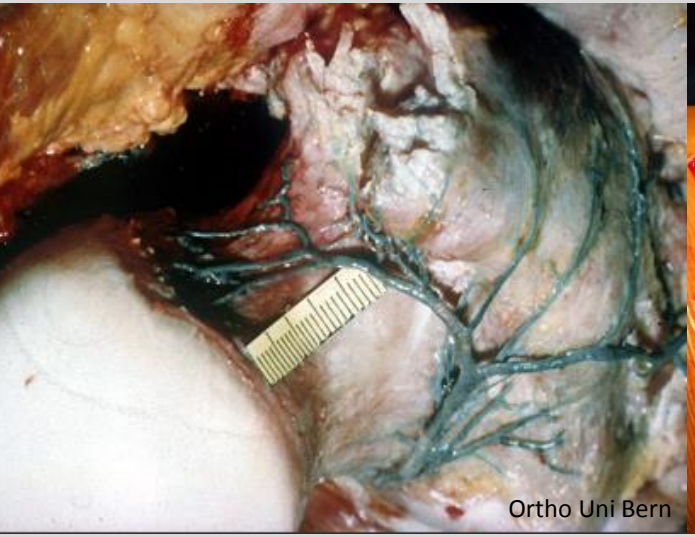
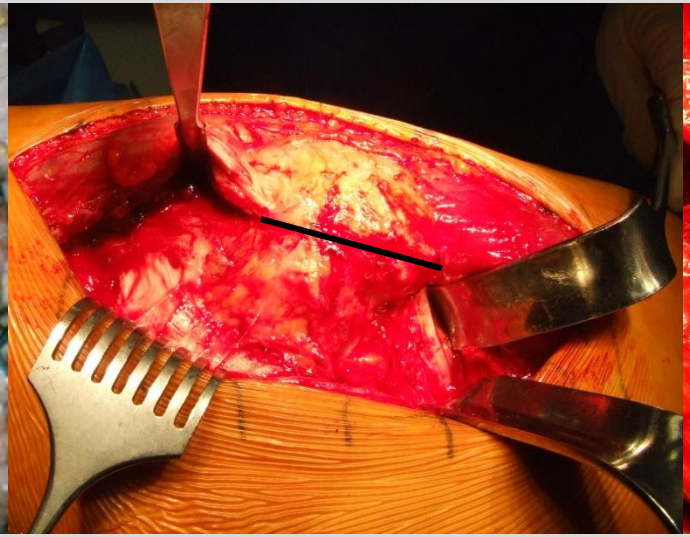
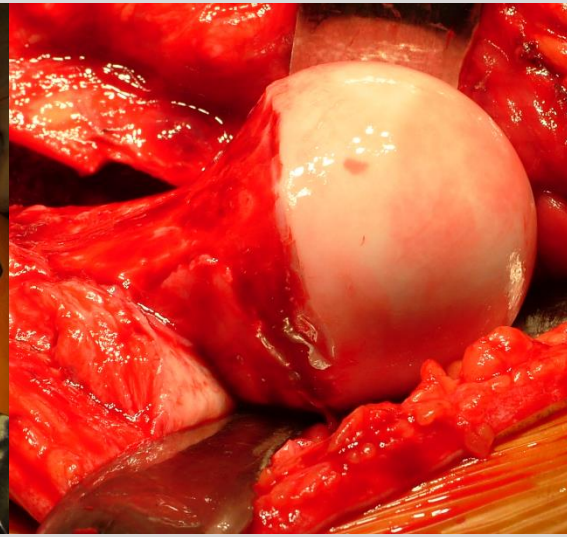


to avoid







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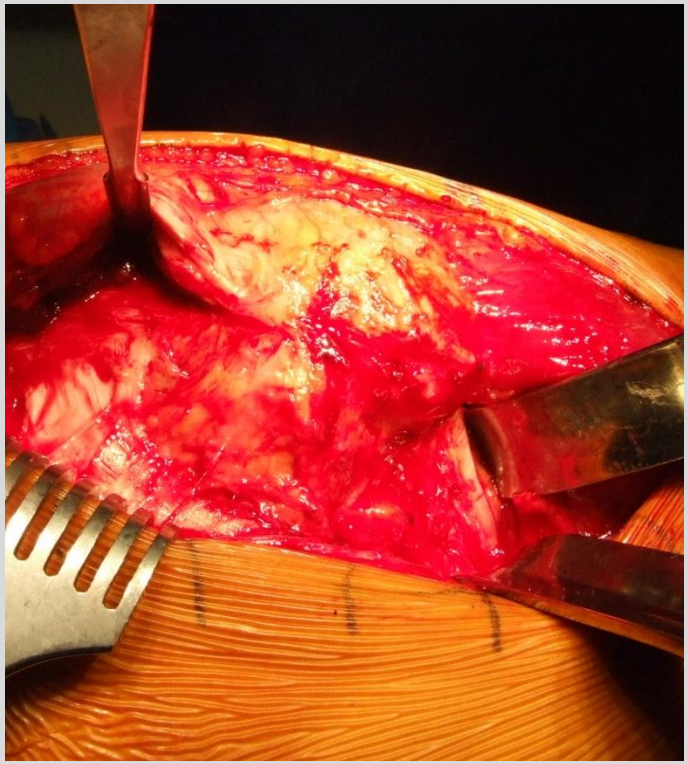

Thank you!