

'Salvage' in periprosthetic Fc

M Bonnin. Centre Orthopédique Santy. Lyon – France

R Becker. Hospital Brandenburg Theodor Fontane University –
Germany

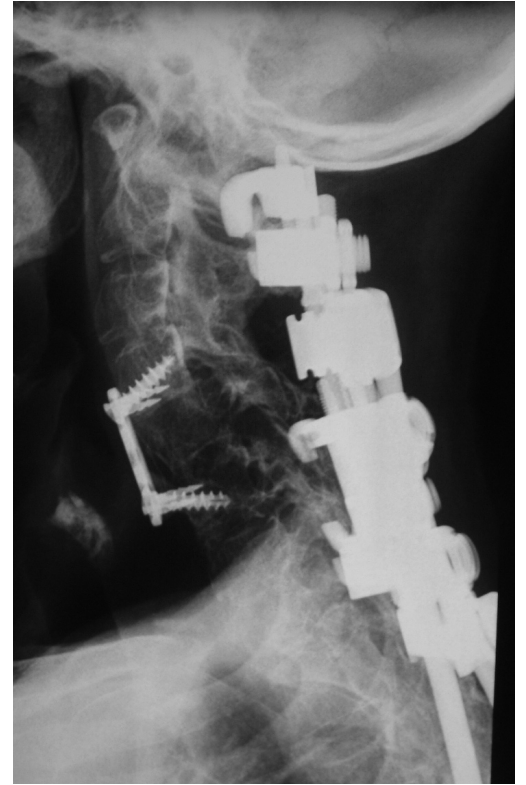
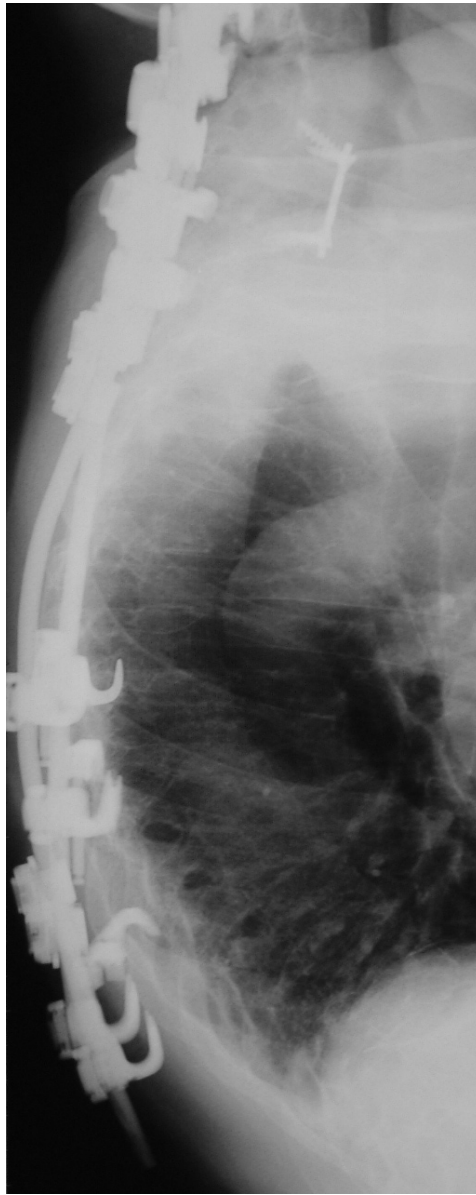
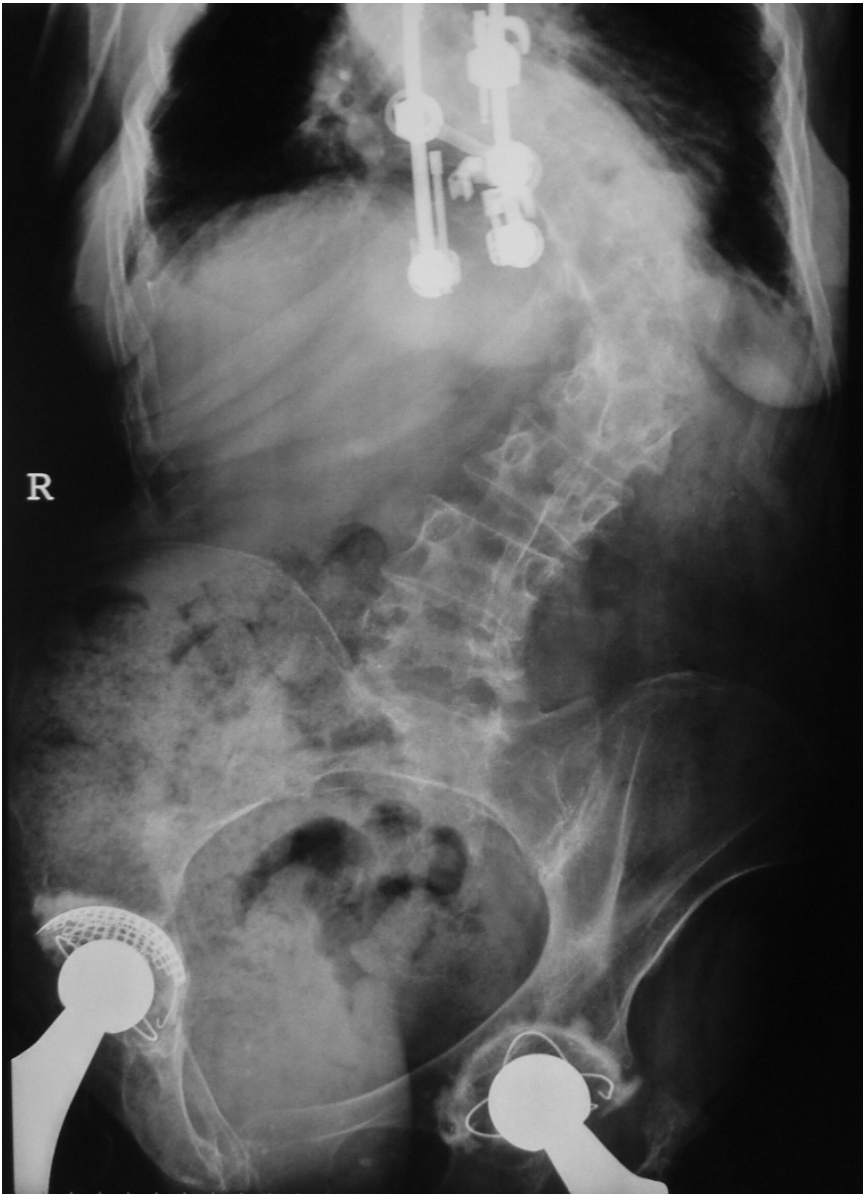


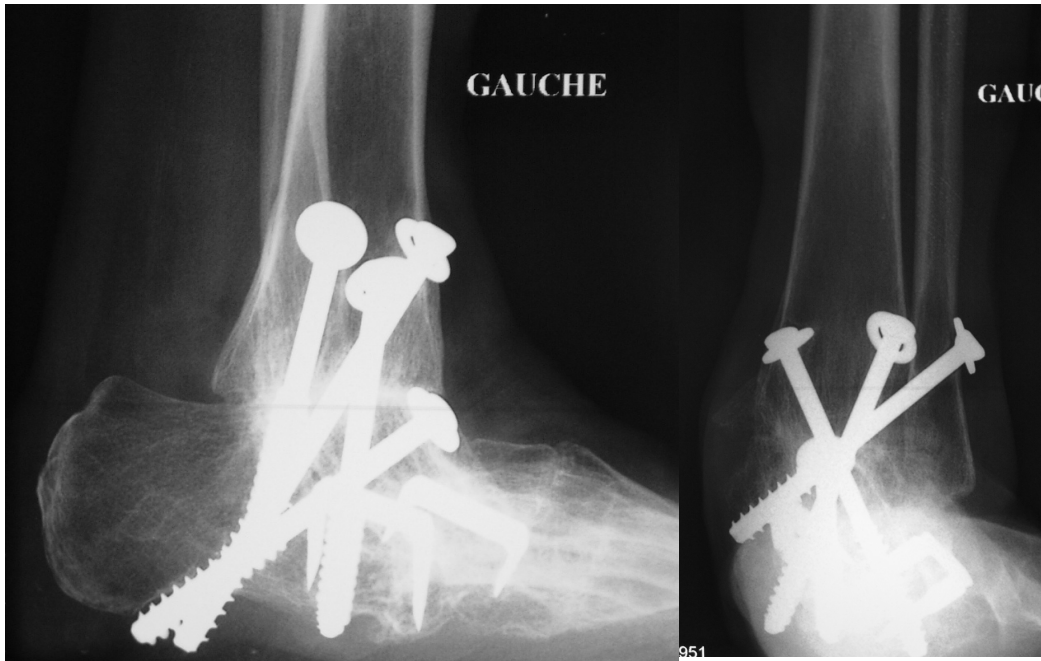
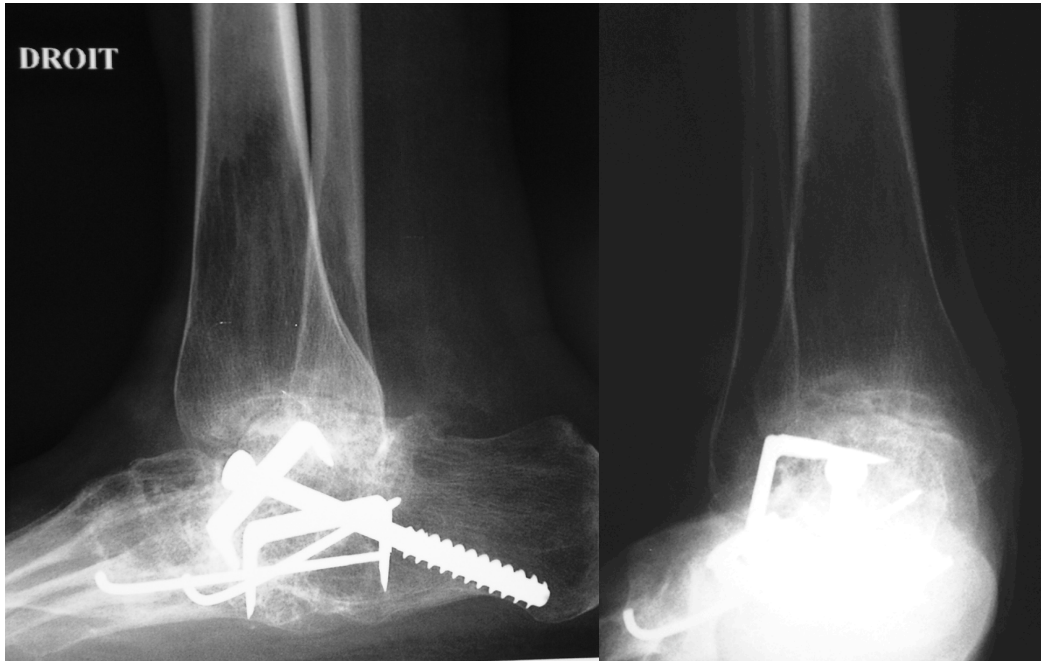
CASE #1

Mrs ROM..

- Juvenile Rheumatoid Arthritis
- Pediatricist
- Multi operated
- Fat embolism after TKA
- 53 years old

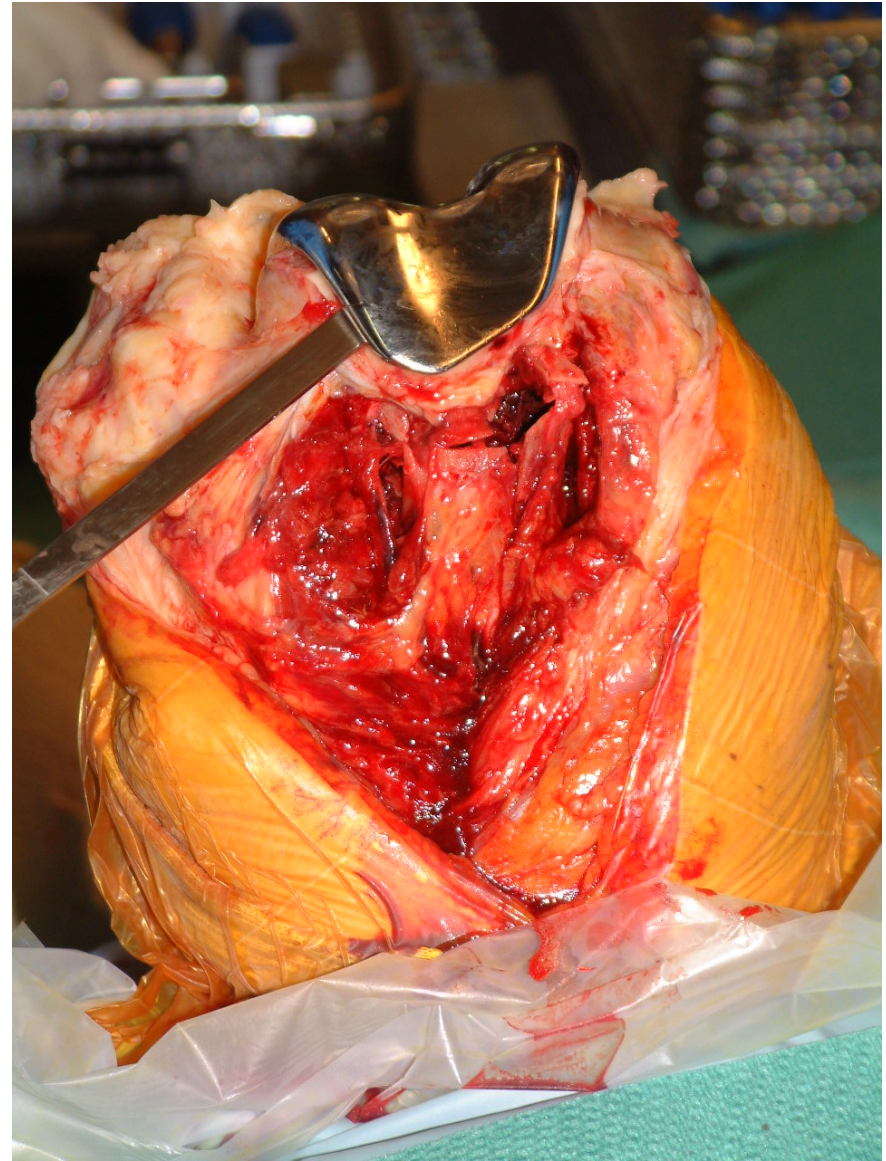
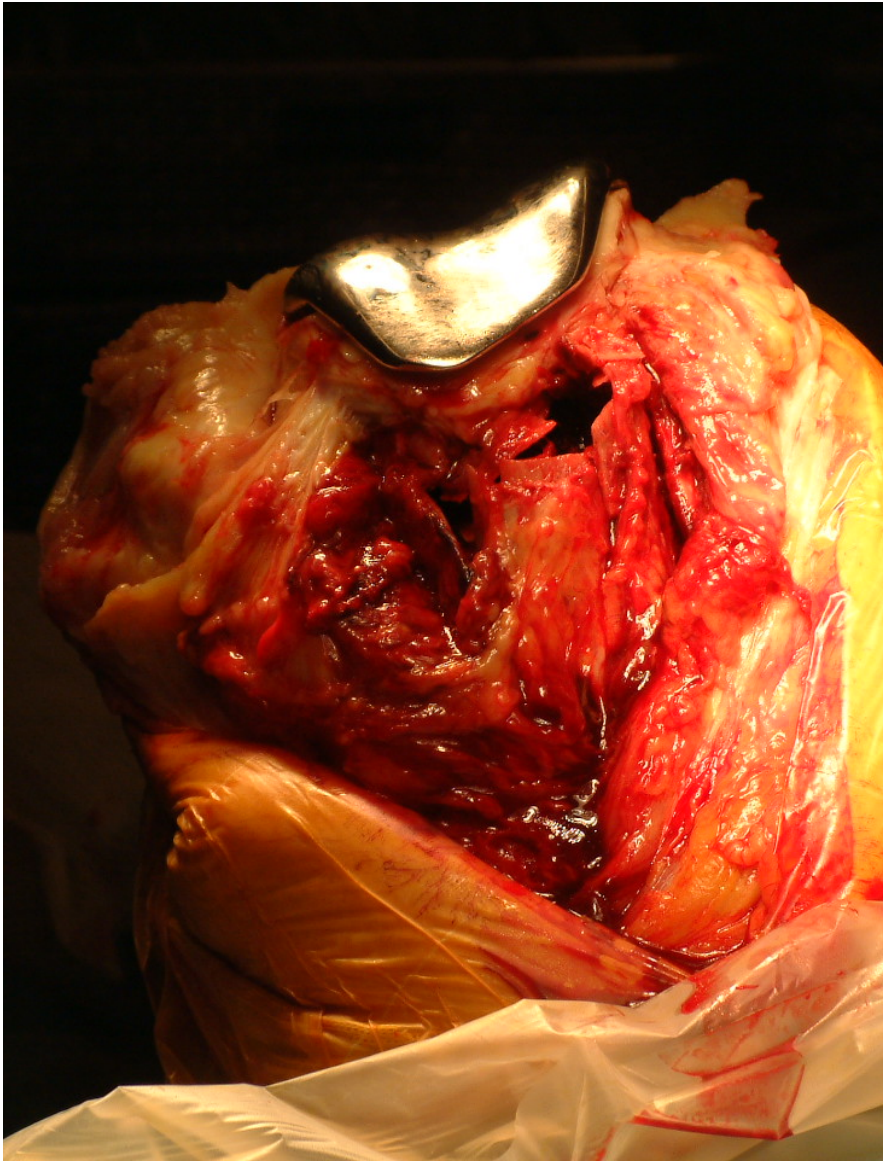




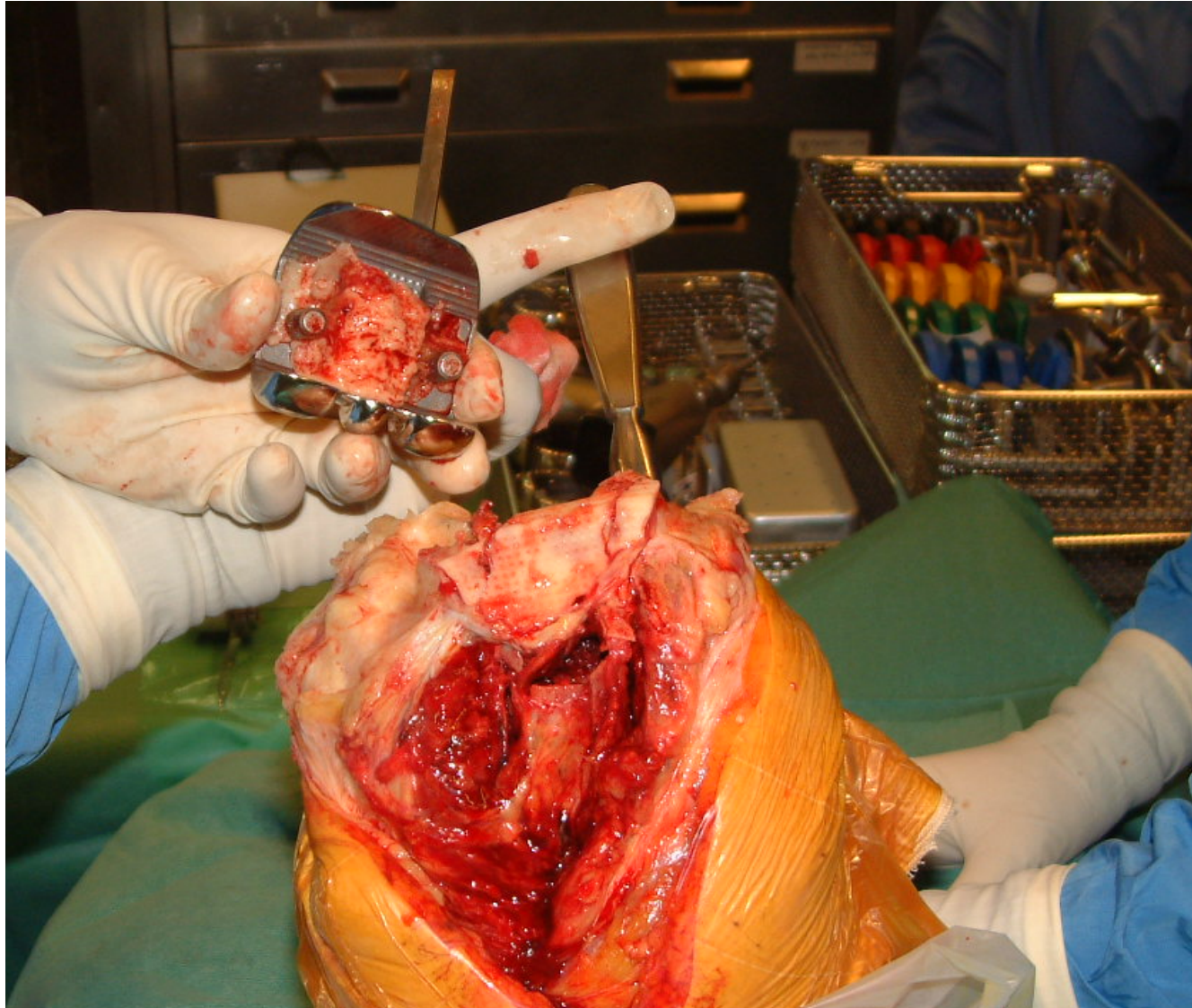




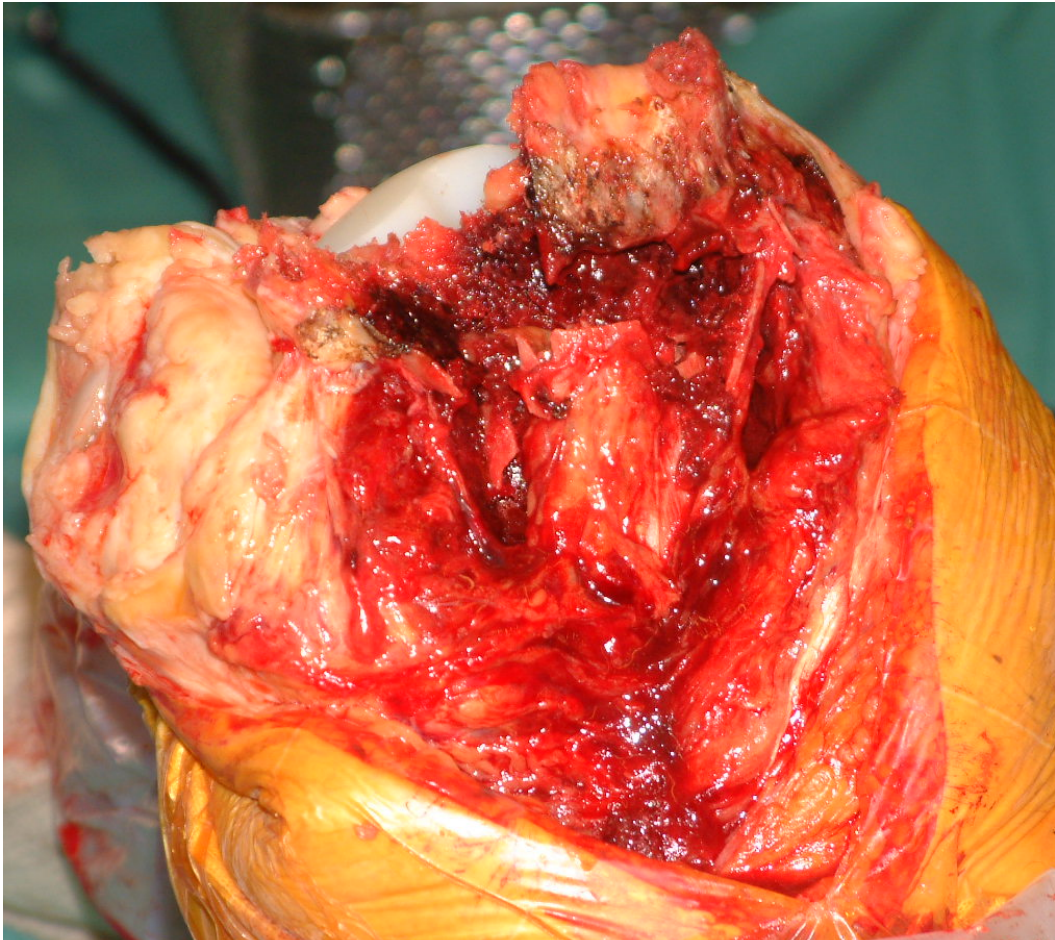
Revision of femoral component → long stem



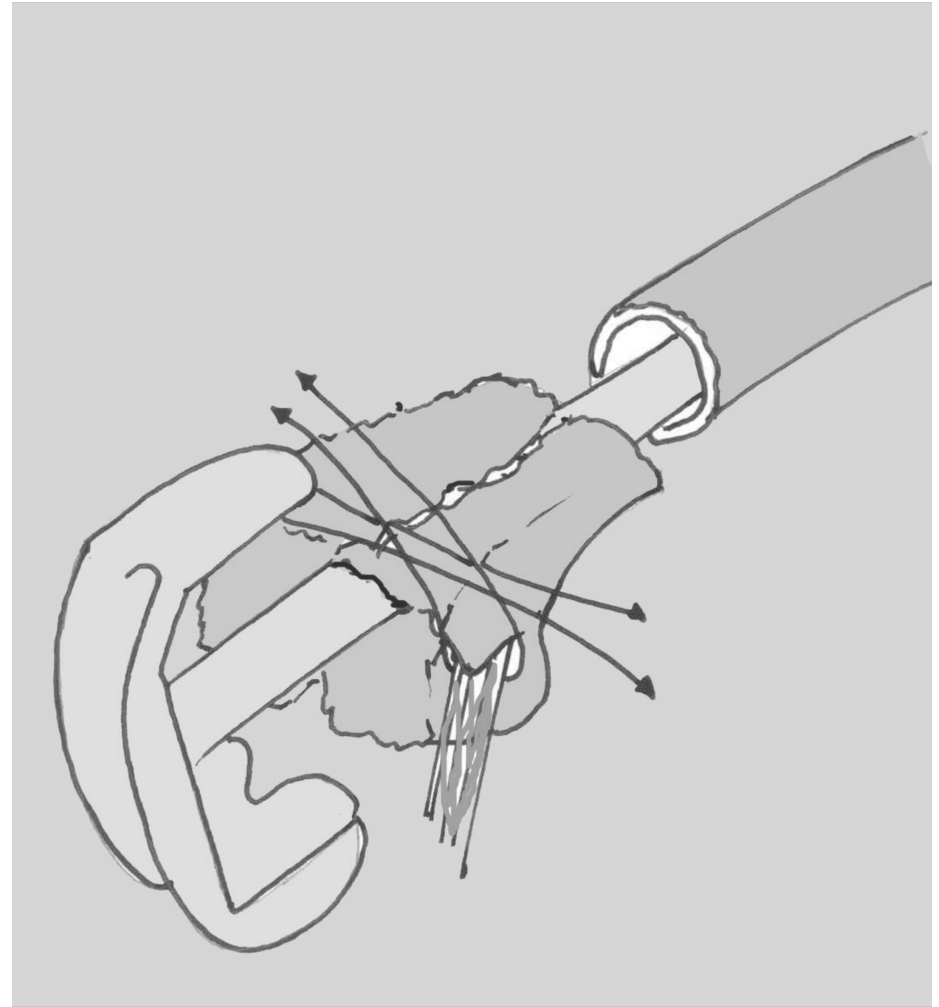
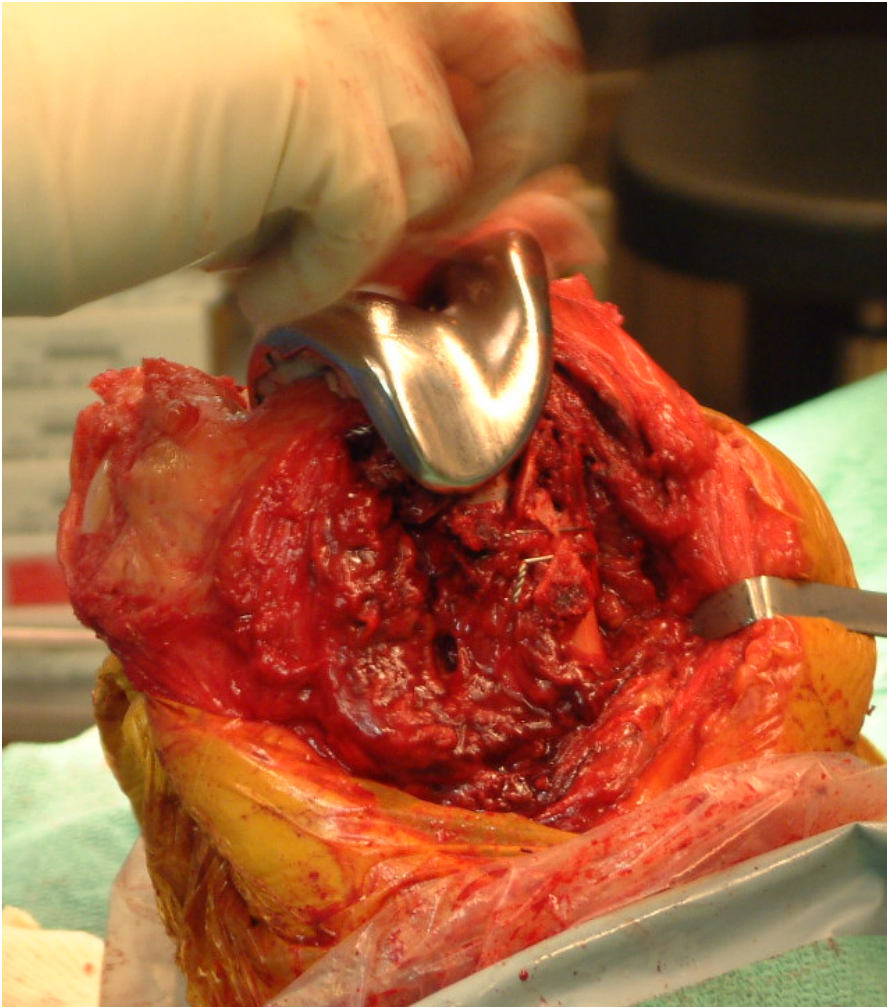
Removal of femoral component



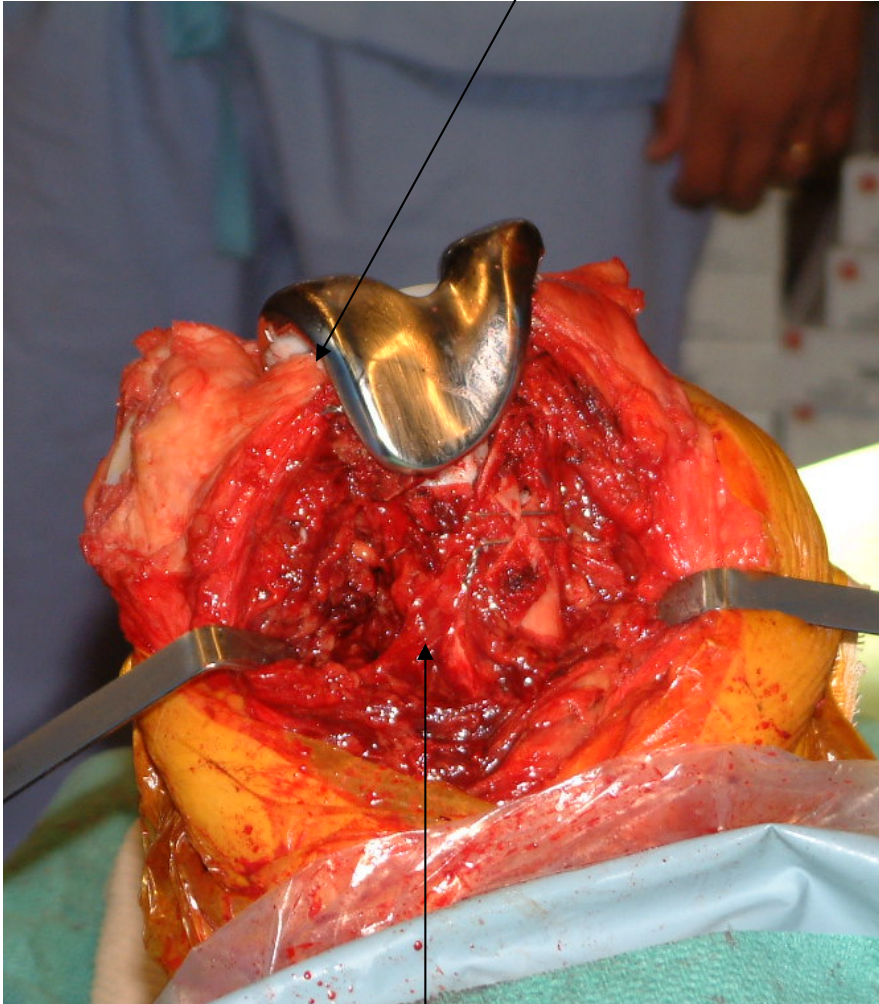
Bone loss - Separation of condyles



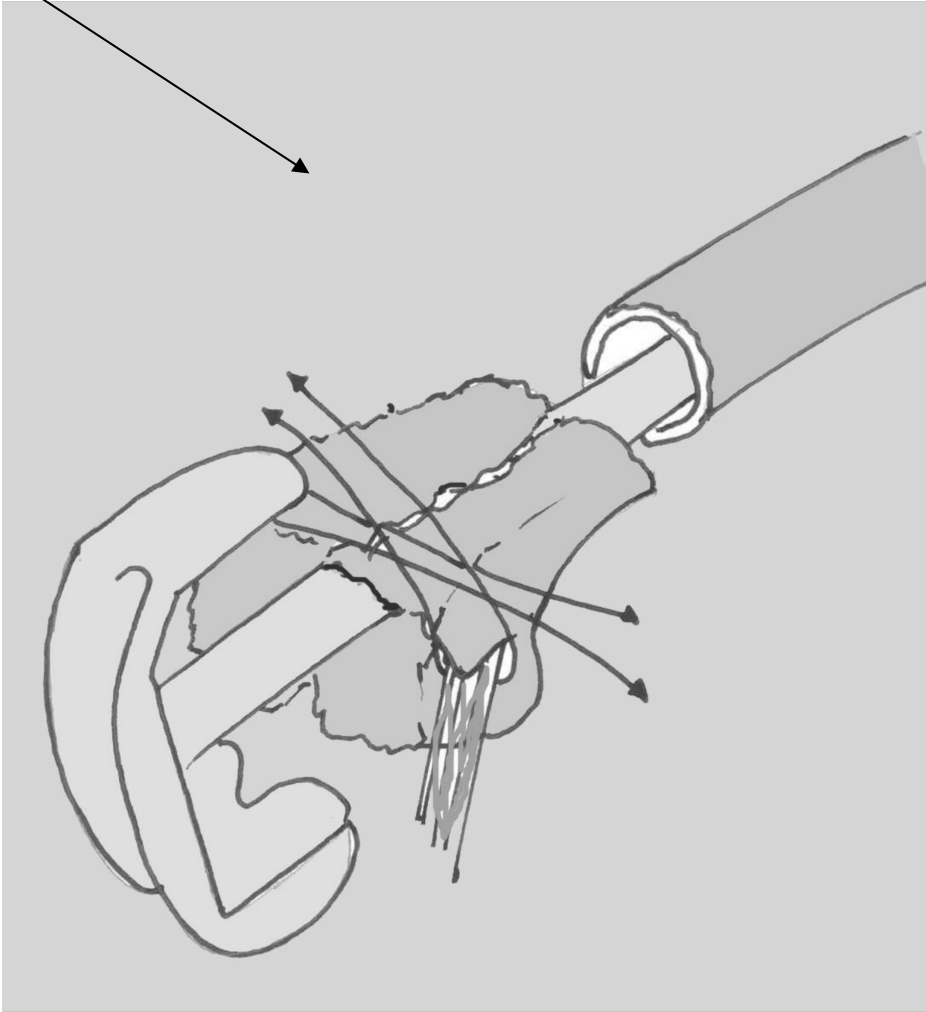
Introduction of femoral component with long stem (cemented)

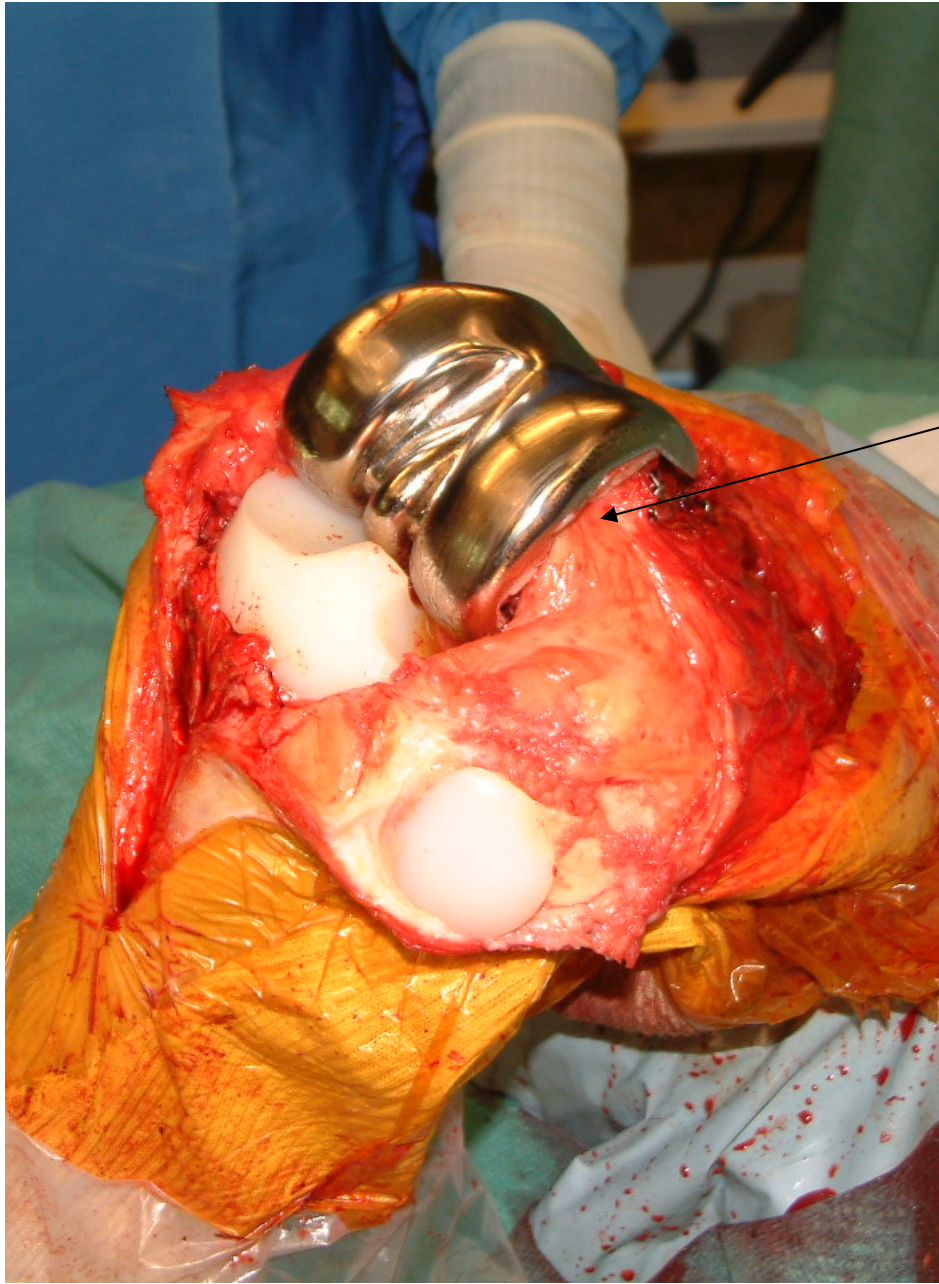


Reinsertion of condyles

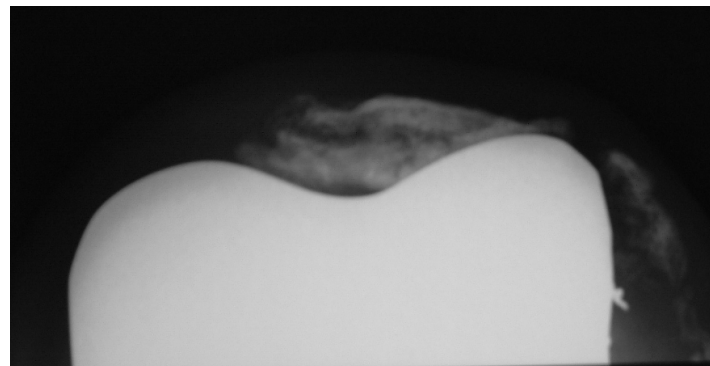
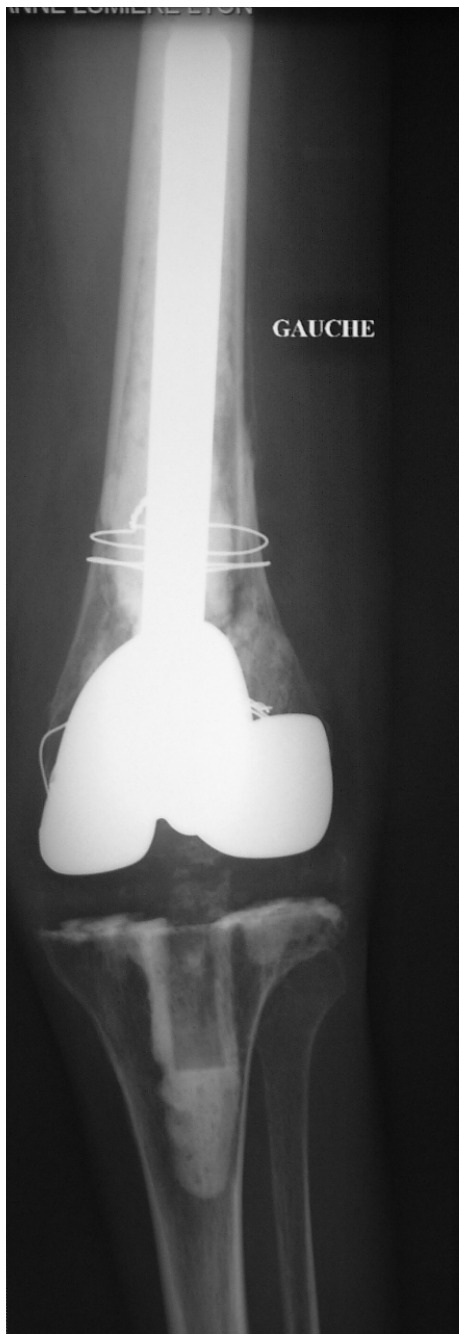


Allograft





- Reinsertion of condyles
- Tensionning collateral ligts





CASE #2

74 y old Rheumatoid Arthritis



Poly wear. 12 years TKA

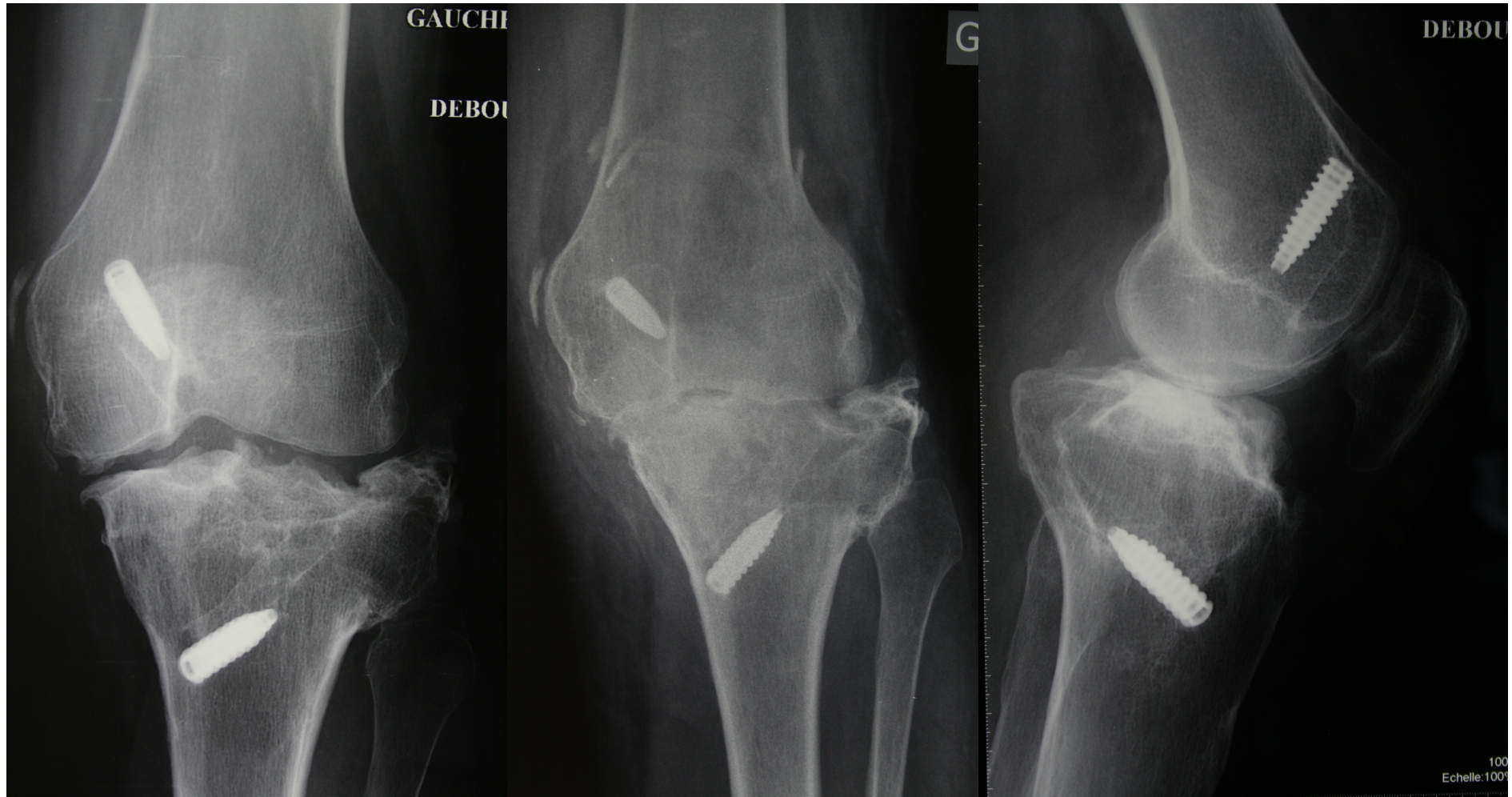






CASE #3

First visit: 36 years old, multioperated

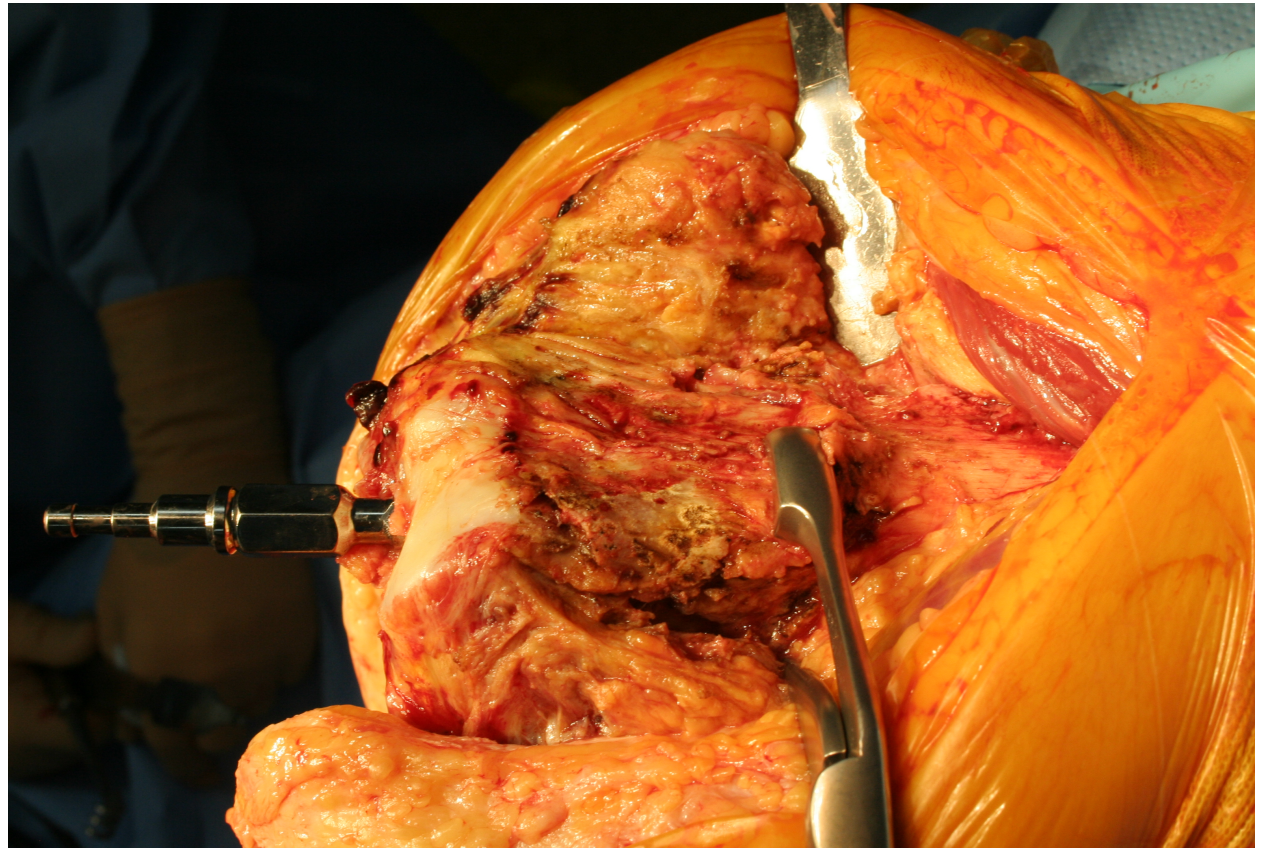


R.O.M. = 0° - 20° - 65°

1 months before planned surgery

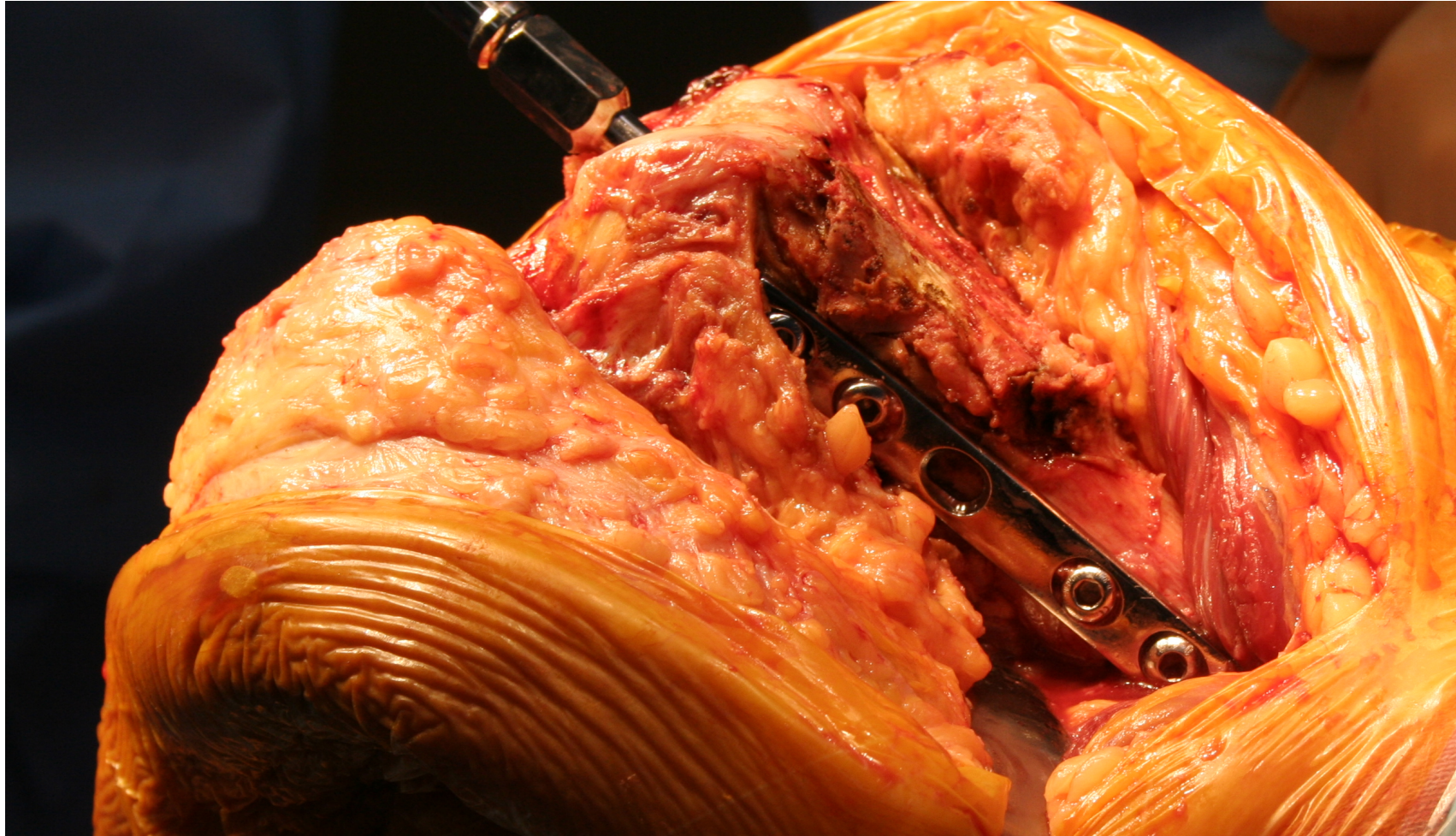


Reduction with intra-medullary rod



Osteotomy ATT

Fixation with plate + Intra medullary long stem



1972-02-26
Im: 1

CENTRIC



CASE # 4





ST Albina
067
09/089



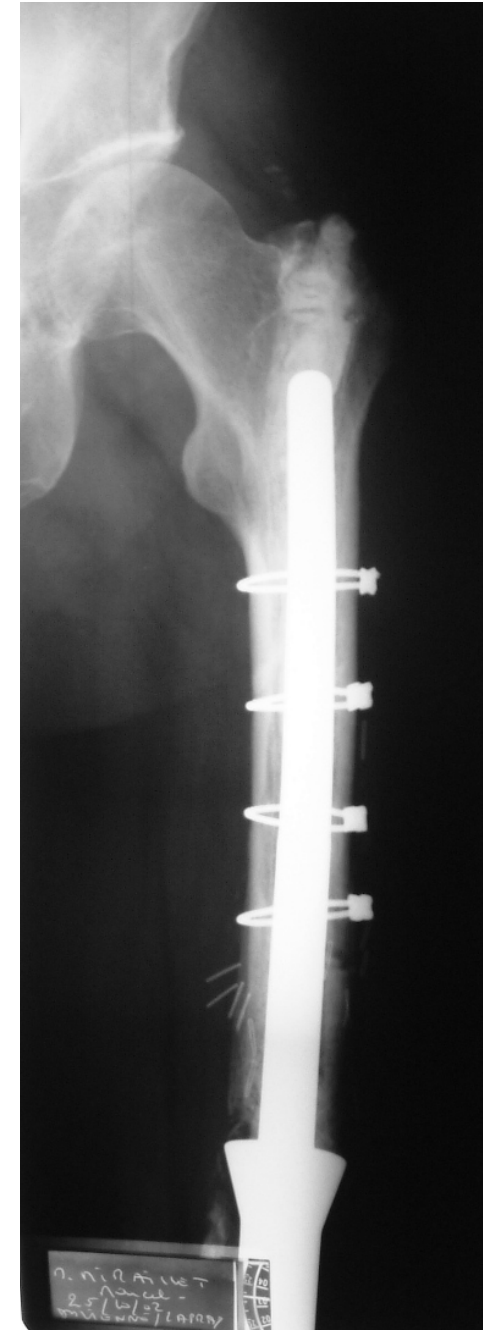
Imagerie Méd
C
Radiographi





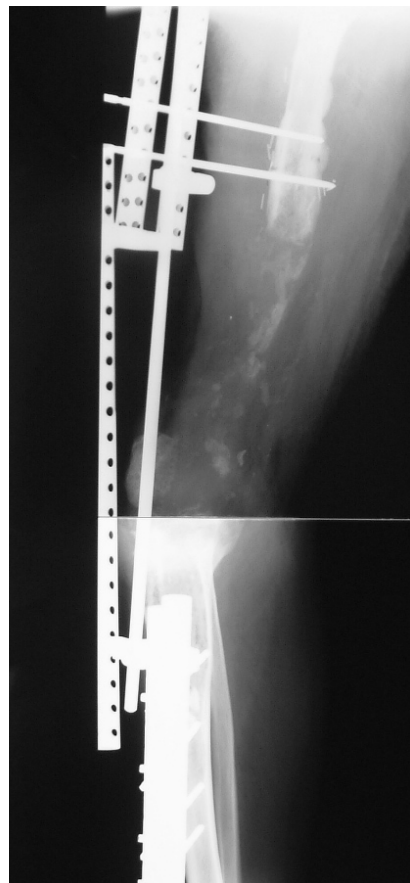
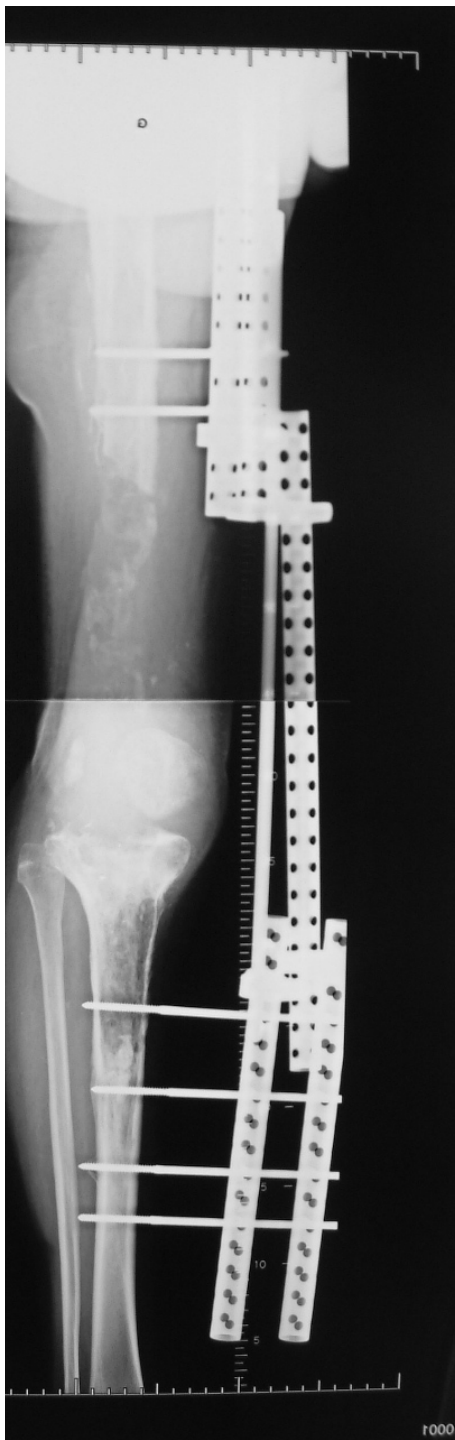
CASE #5

- 47 years old
- Operated 7 times
- 4 TKA
- Infection
- Staph aureus

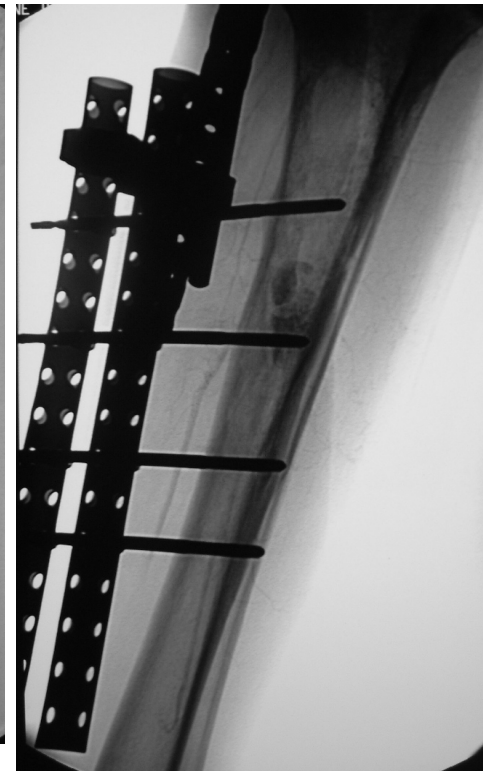
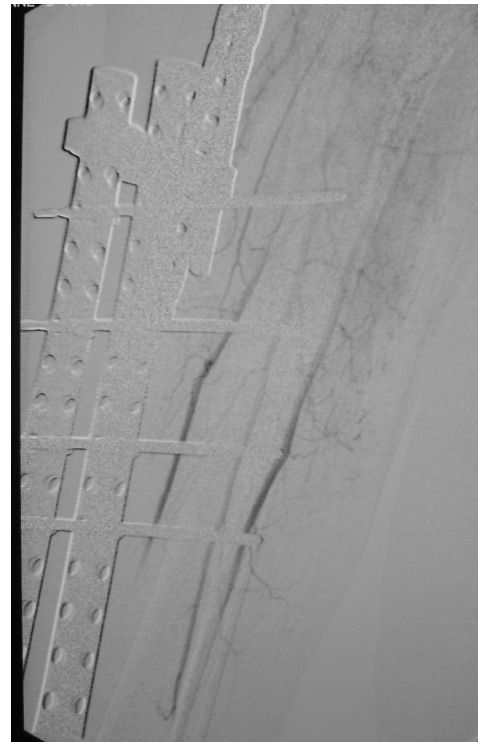
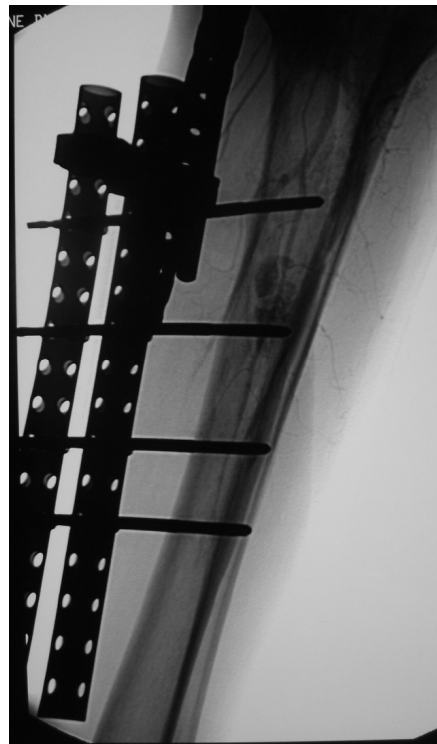
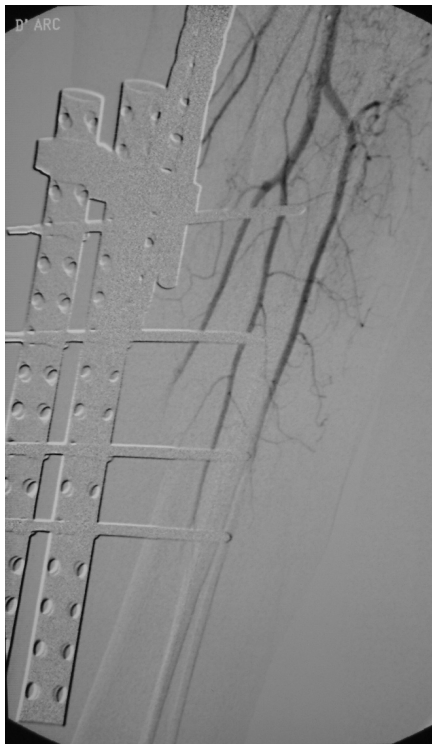


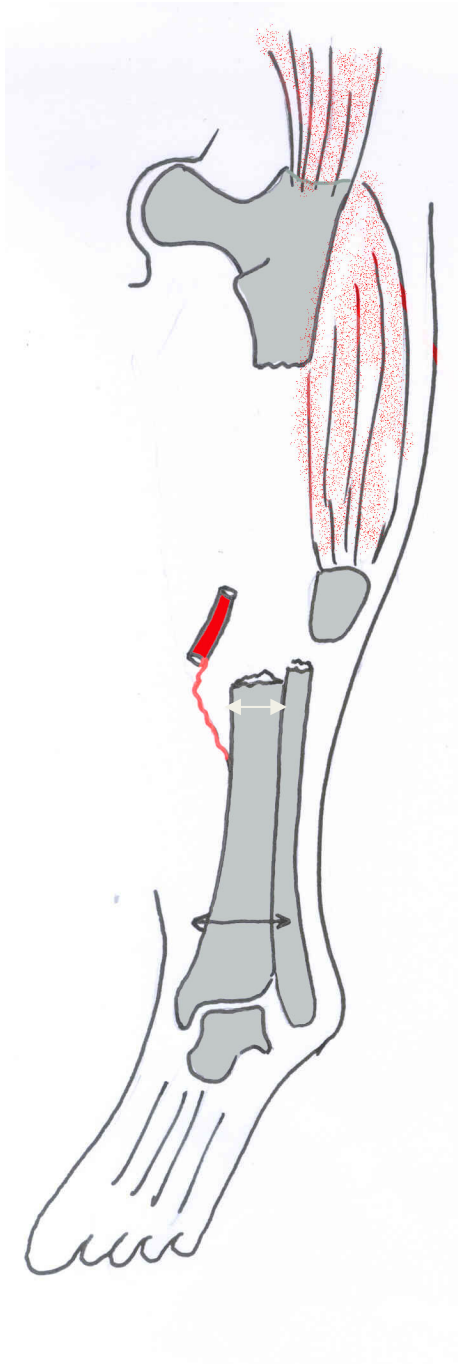
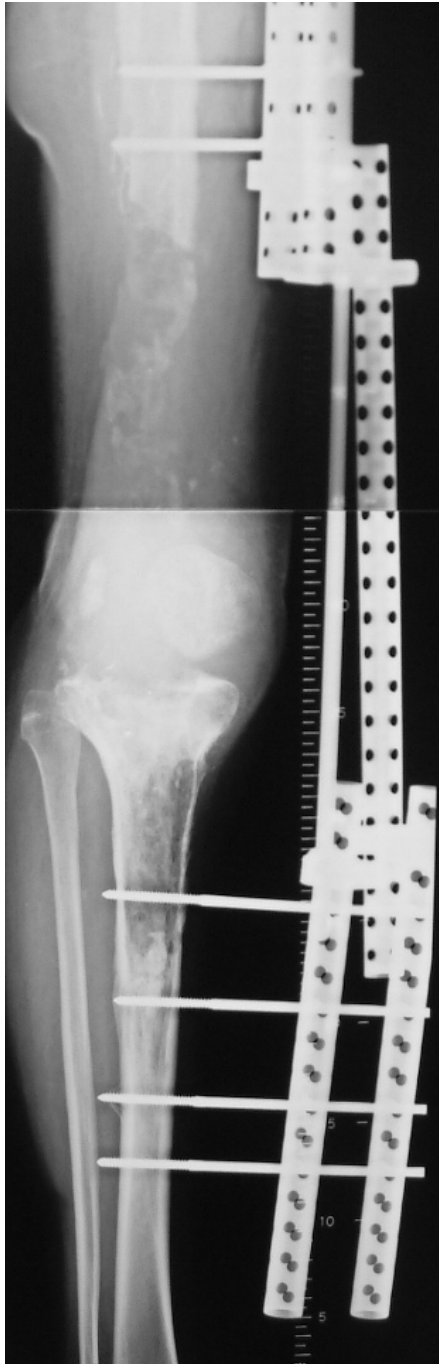
First step

Removal of TKA
External fixator



Localisation of arteries of the tibia

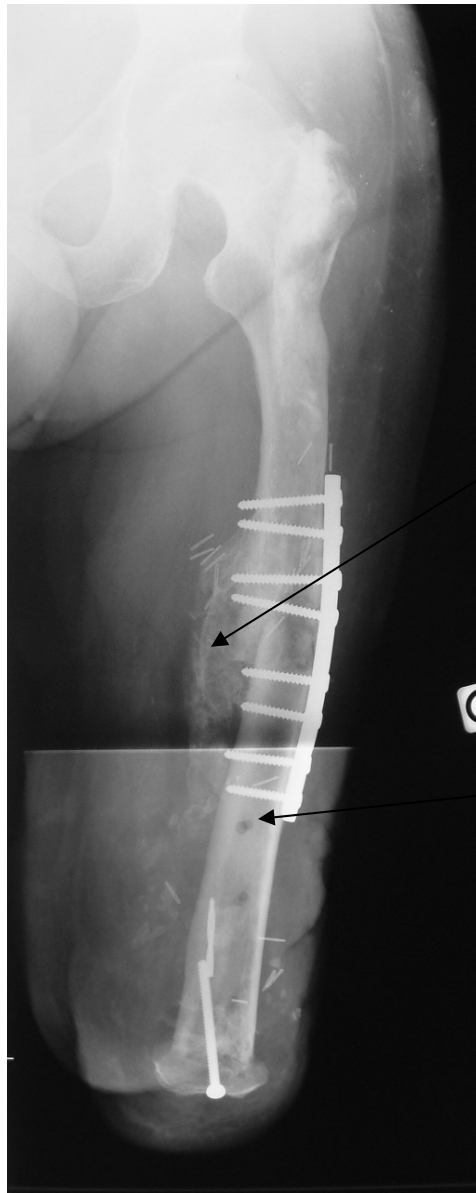




Second step

- Dissection of artery of tibial diaphysis
- Distal section of the tibia
- Proximal migration of the tibia with its artery

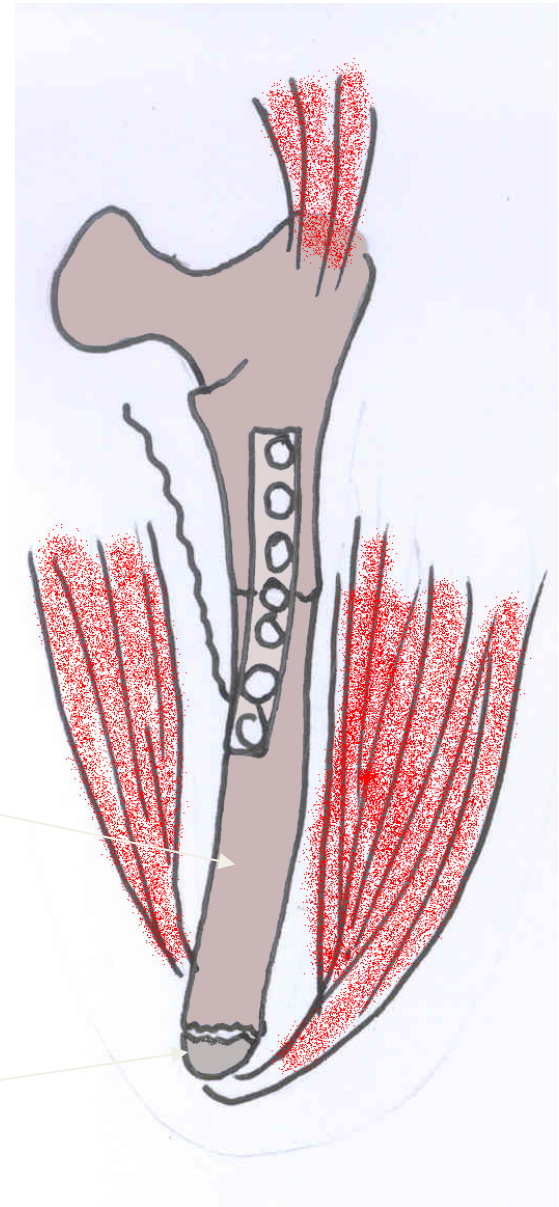
Fixation with plate



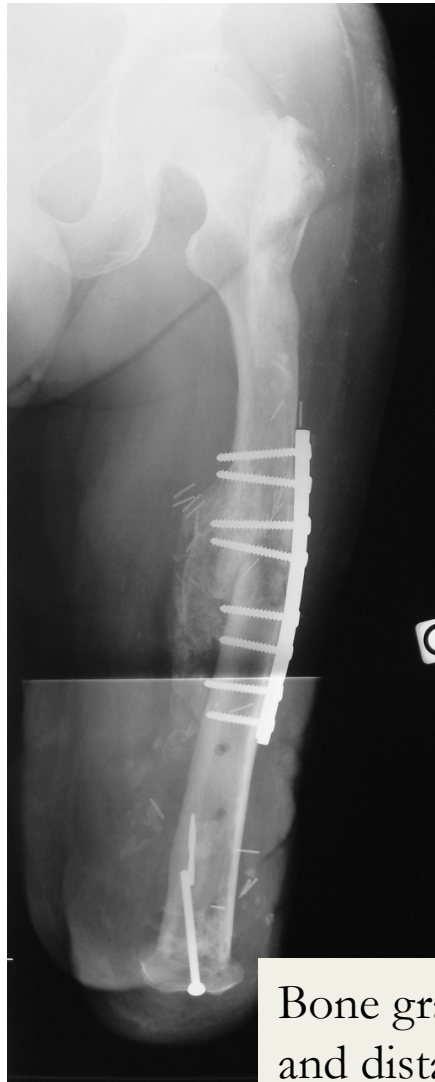
**Bone graft
(autograft)**

Tibial diaphysis

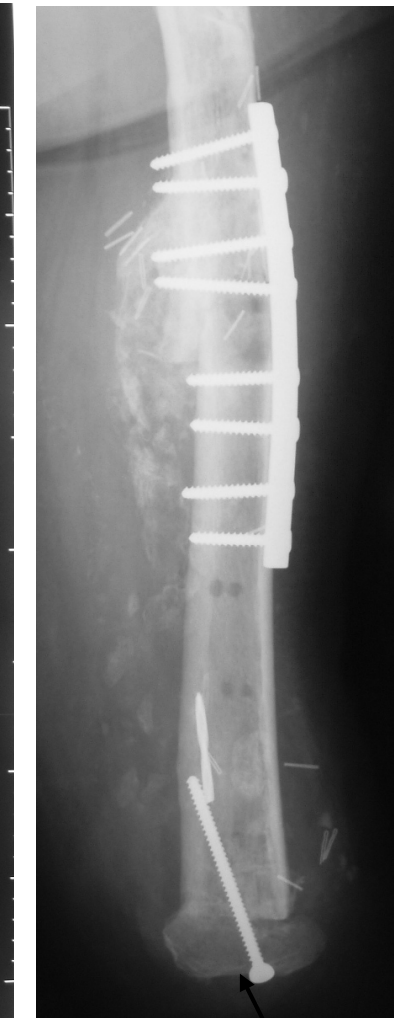
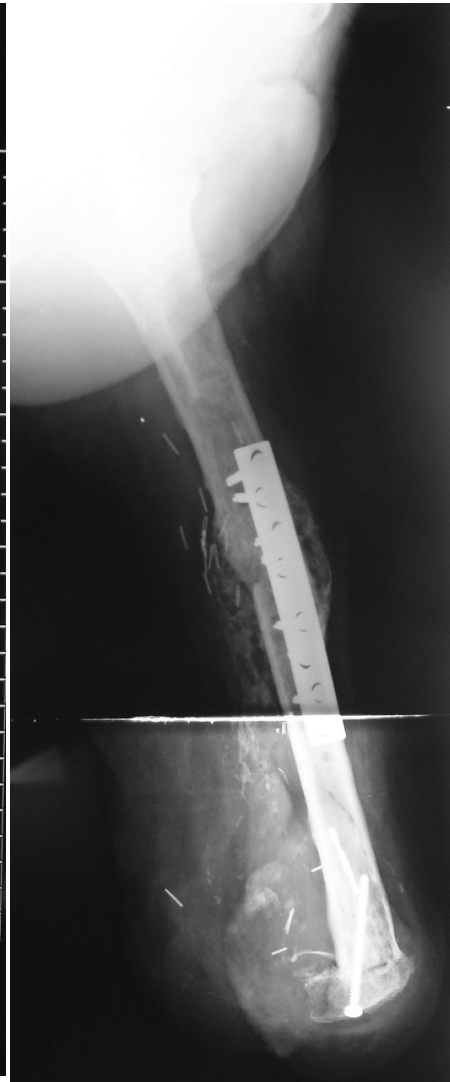
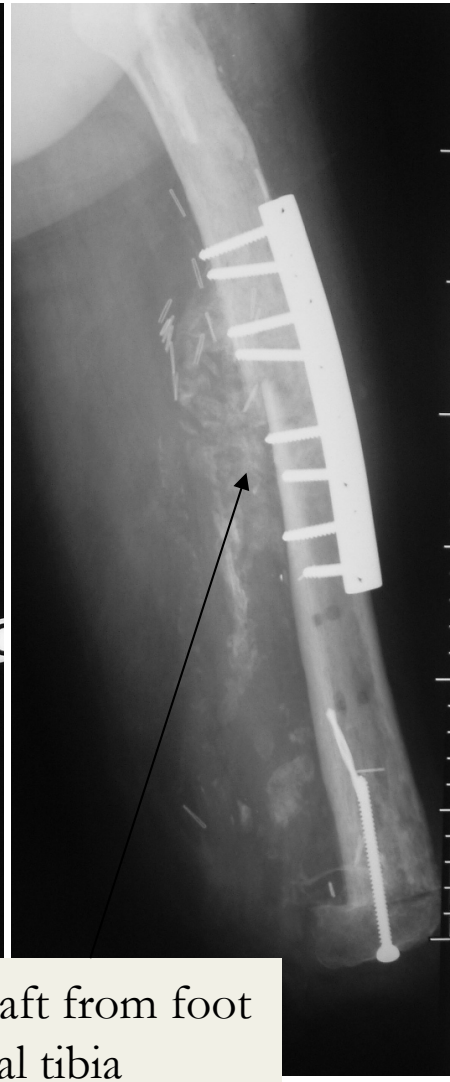
Patella



Now 13 years post op
No infection
Work full time



Bone graft from foot
and distal tibia



Patella with Q tendon

Conclusion

- Analyse the patient's history
- Be prepared to technical difficulties
- TKA is the « art of anticipating »
- More metal = more danger for the future



Thank you

Toutes les photos de LYON ! <http://www.Lyon-Photos.com>