



Protesizzazione negli esiti di ricostruzione dell'anca sec Ilizarov

F. Guerreschi, M. Camagni, A. Combi, P. Poli, M.A. Catagni

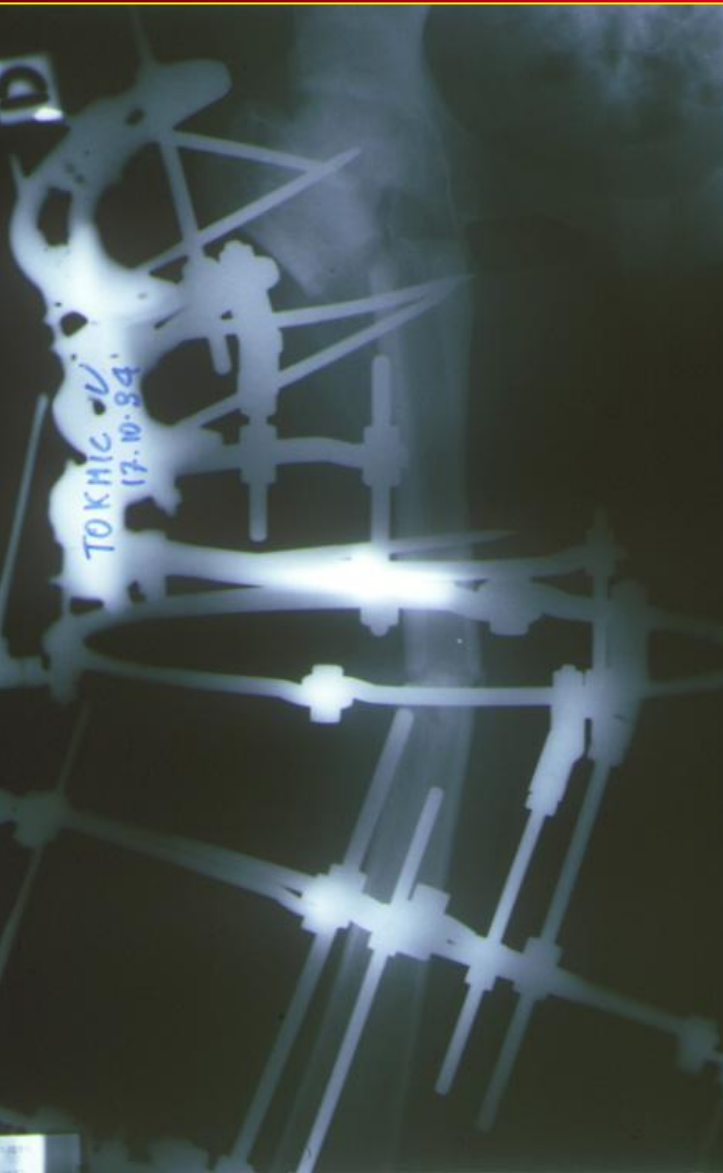
Lecco



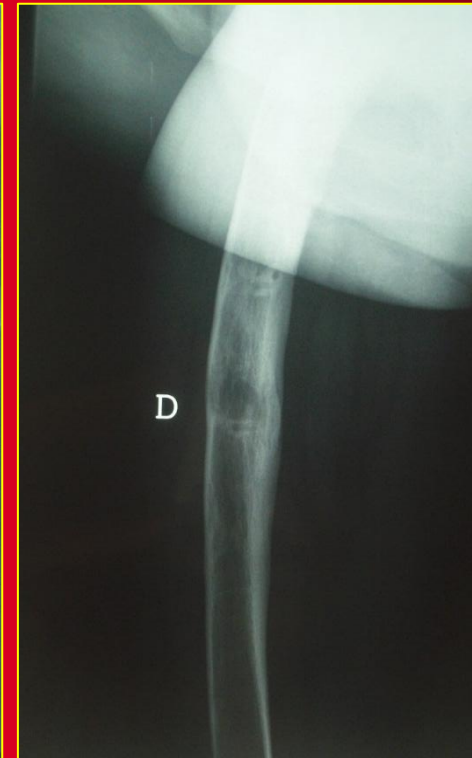
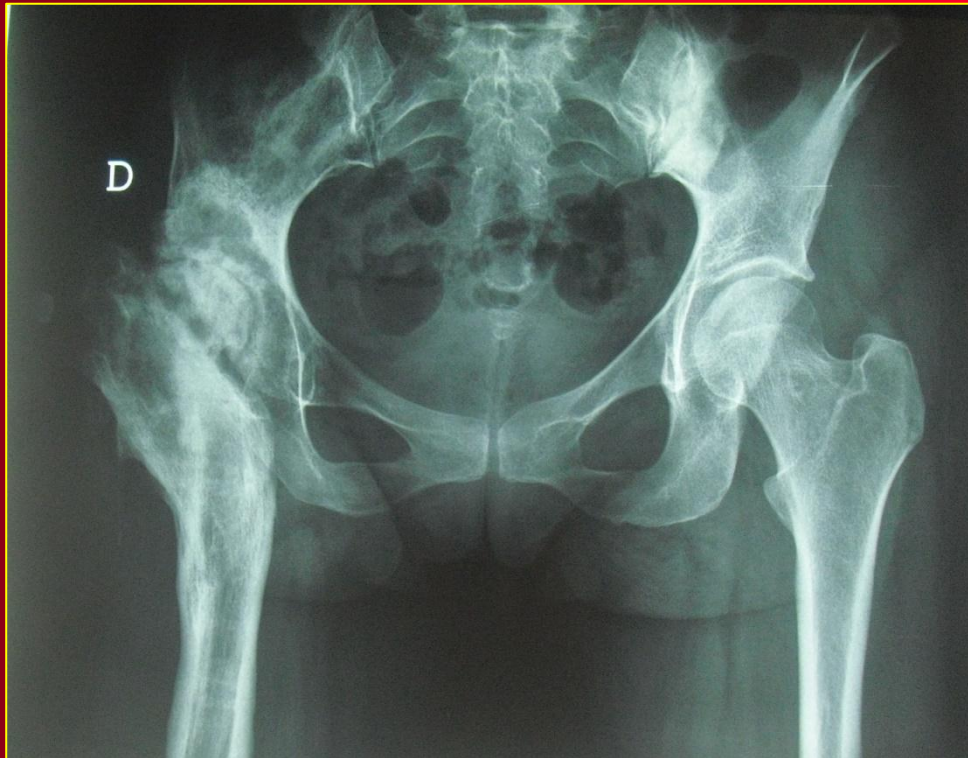
Ragazza di 13 aa
esiti artrite settica



Ricostruzione dell'anca sec. Ilizarov



Esiti ricostruzione dell'anca intervento eseguito 16 anni prima



Stampa 3D



Planning pre-operatorio



Planning pre-operatorio

- Resezione del collo



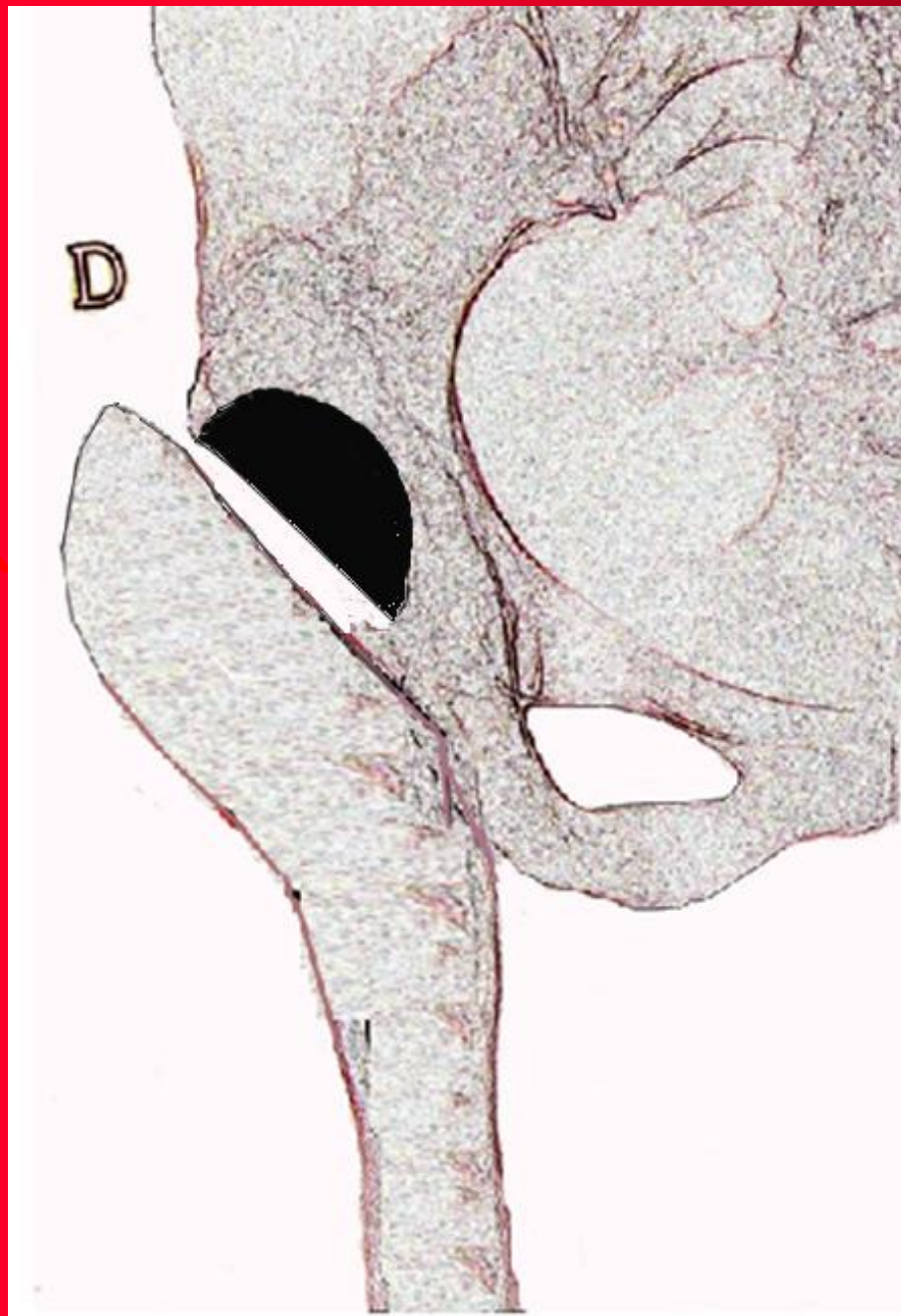
Planning pre-operatorio

- Resezione del collo
- Alesaggi dell'acetabolo



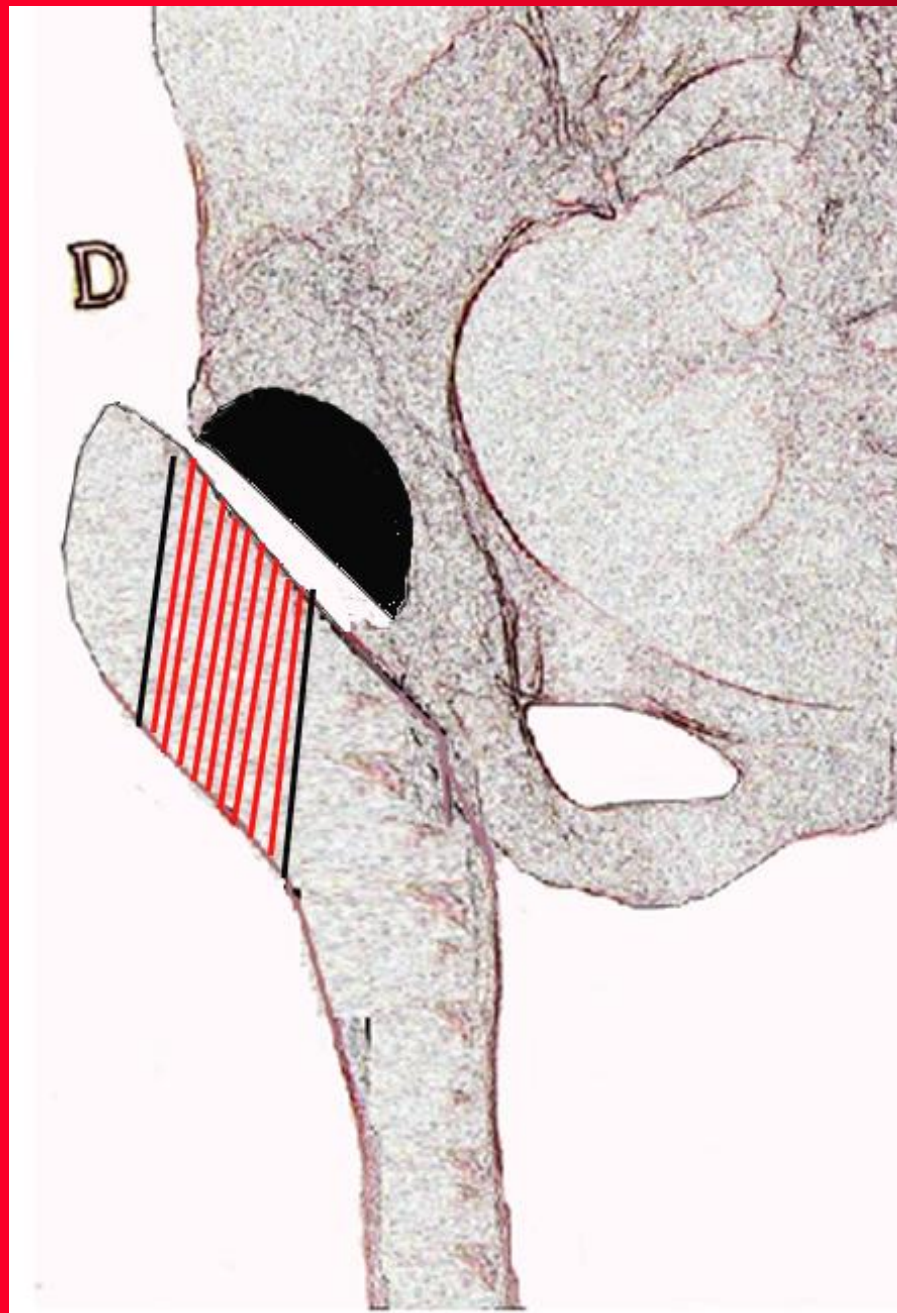
Planning pre-operatorio

- Resezione del collo
- Alesaggi dell'acetabolo
- Impianto cotile protesico



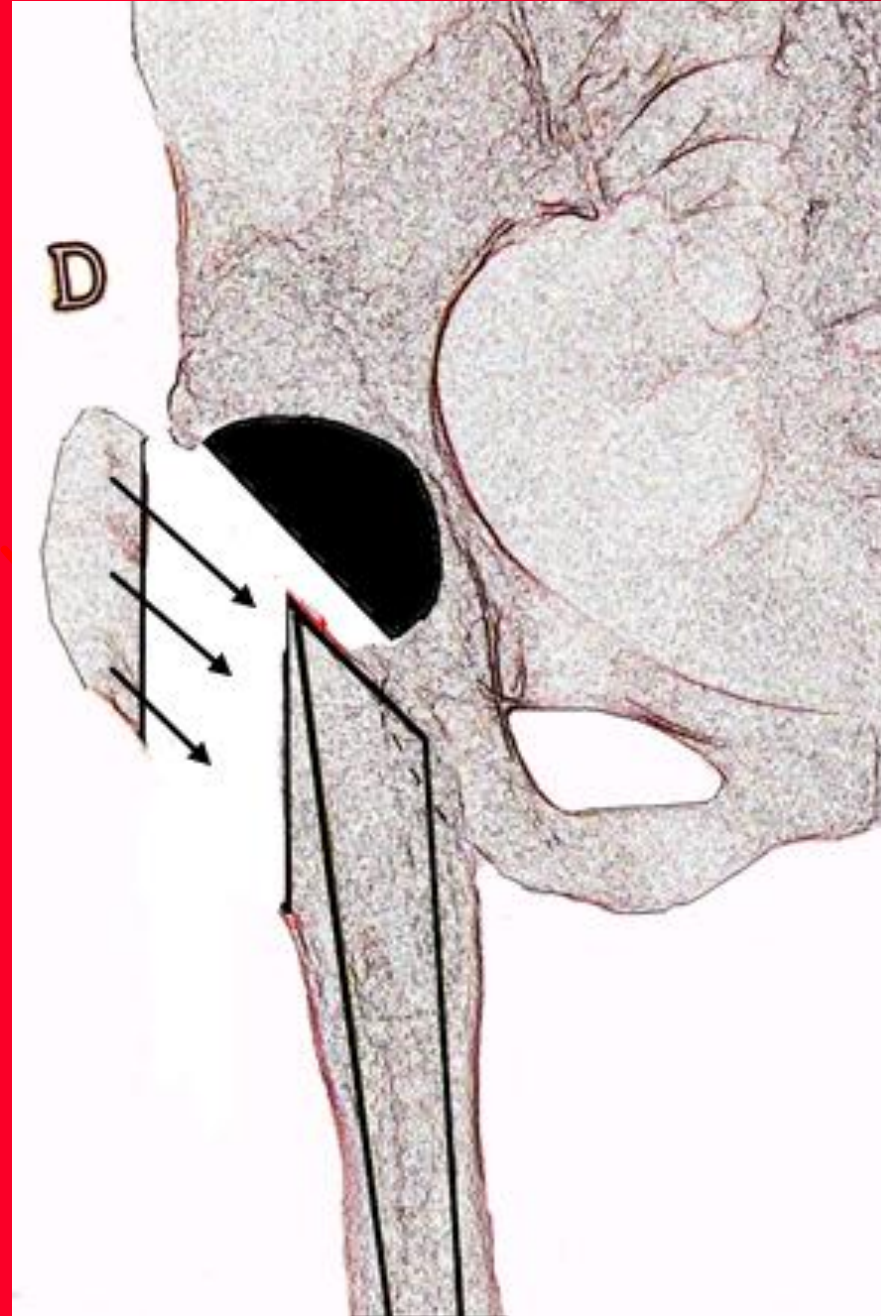
Planning pre-operatorio

- Resezione del collo
- Alesaggi dell'acetabolo
- Impianto cotile protesico
- Resezione trocanterica



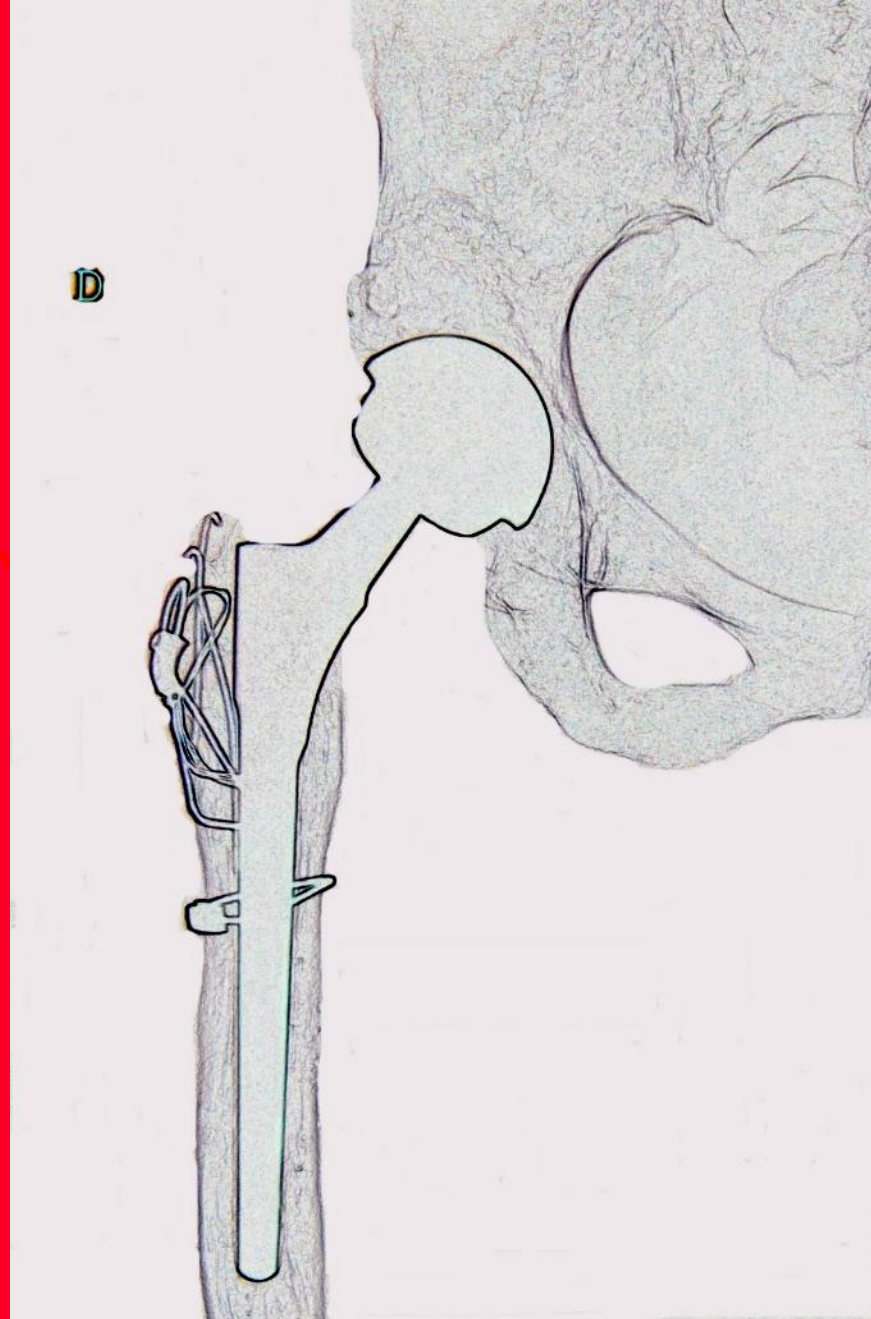
Planning pre-operatorio

- Resezione del collo
- Alesaggi dell'acetabolo
- Impianto cotile protesico
- Resezione trocanterica
- Alesaggi del canale femorale e sintesi del trocantere

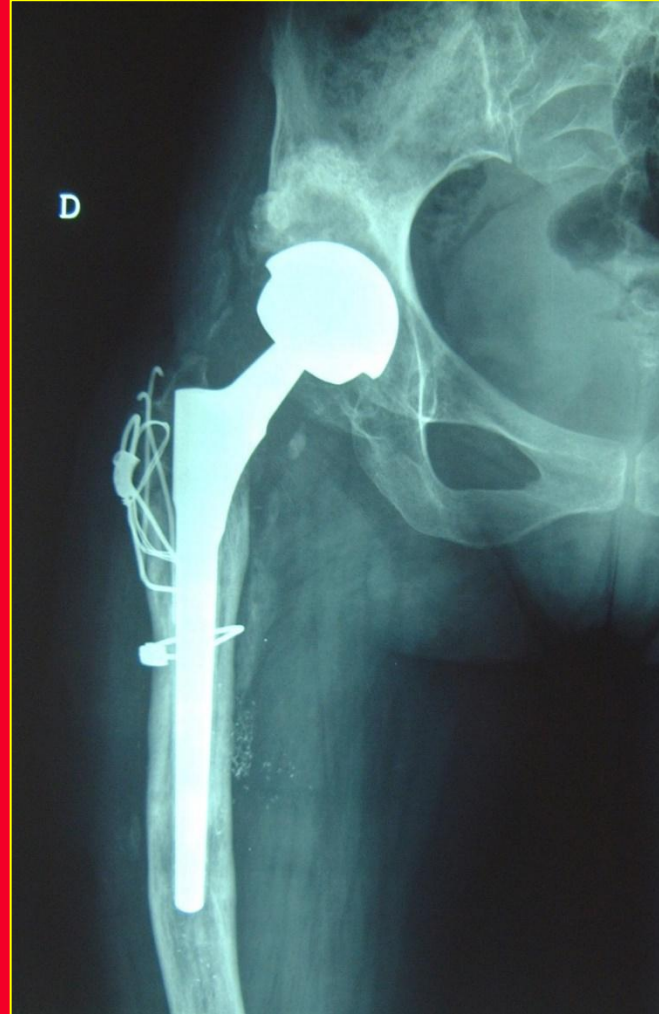


Planning pre-operatorio

- Resezione del collo
- Alesaggi dell'acetabolo
- Impianto cotile protesico
- Resezione trocanterica
- Alesaggi del canale femorale e sintesi del trocantere
- Risultato finale



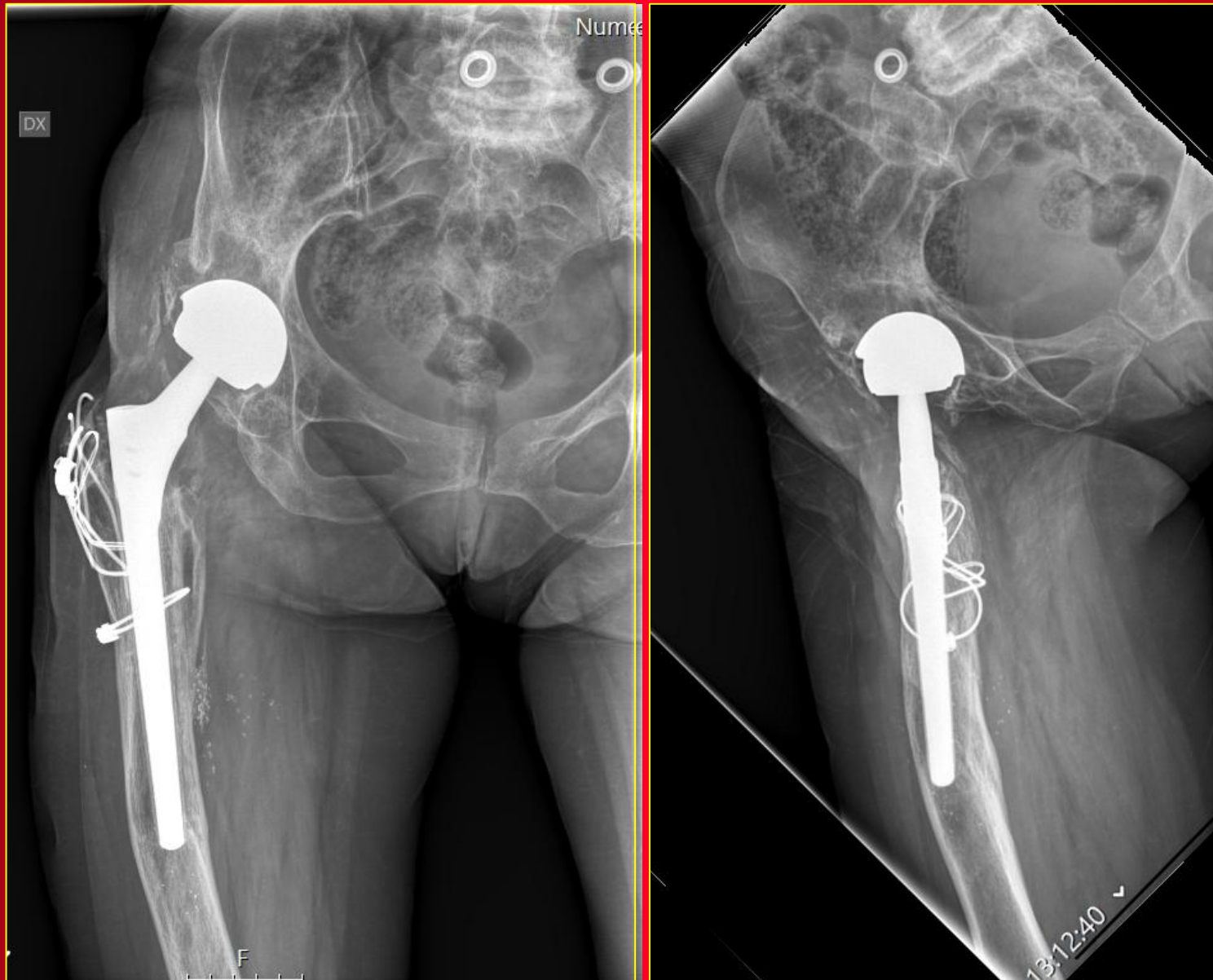
Rx Post-operatorio



Quadro clinico a 40 giorni



Quadro Rx dopo 13 anni



Quadro clinico a 13 anni



Lieve Trendelemburg a Dx





Sublussazione cronica in anca
displasica sin
In ragazza di 14 anni
con dismetria di 6 cm.





Presenza del
segno di
Trendelemburg





Osteotomia
sottotrocanterica e
allungamento-correzione
distale





**Risultato
funzionale
a 1 anno**





Risultato
finale
A 2 anni

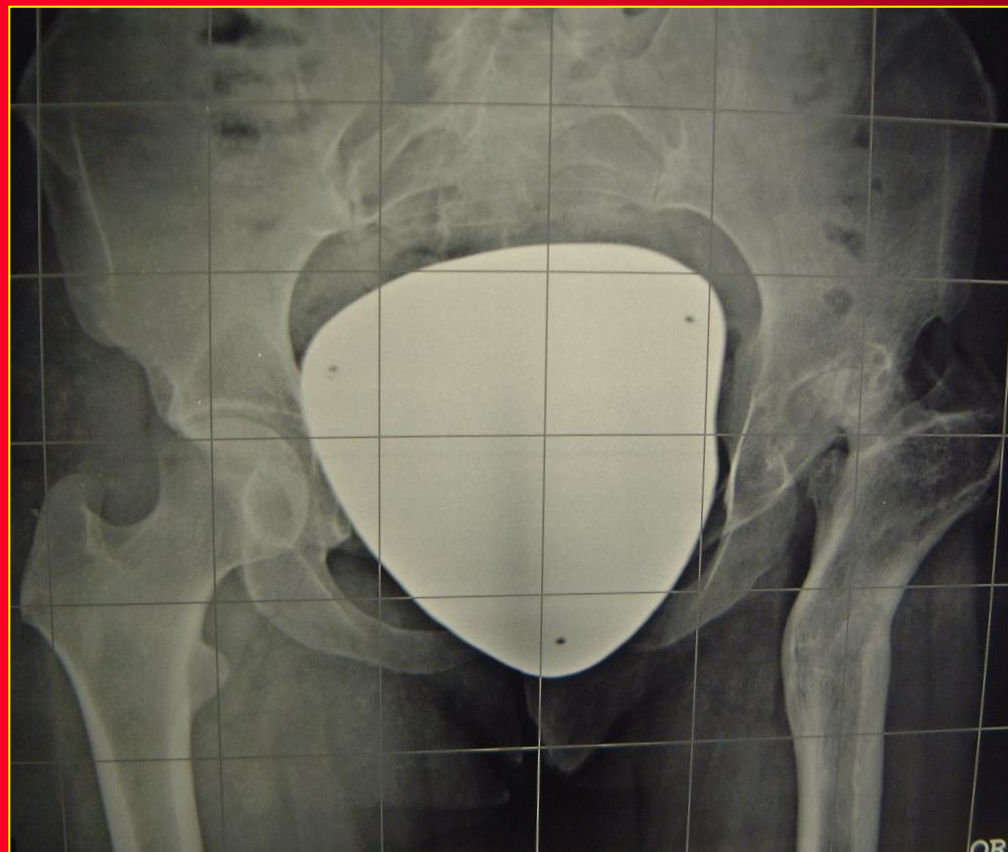




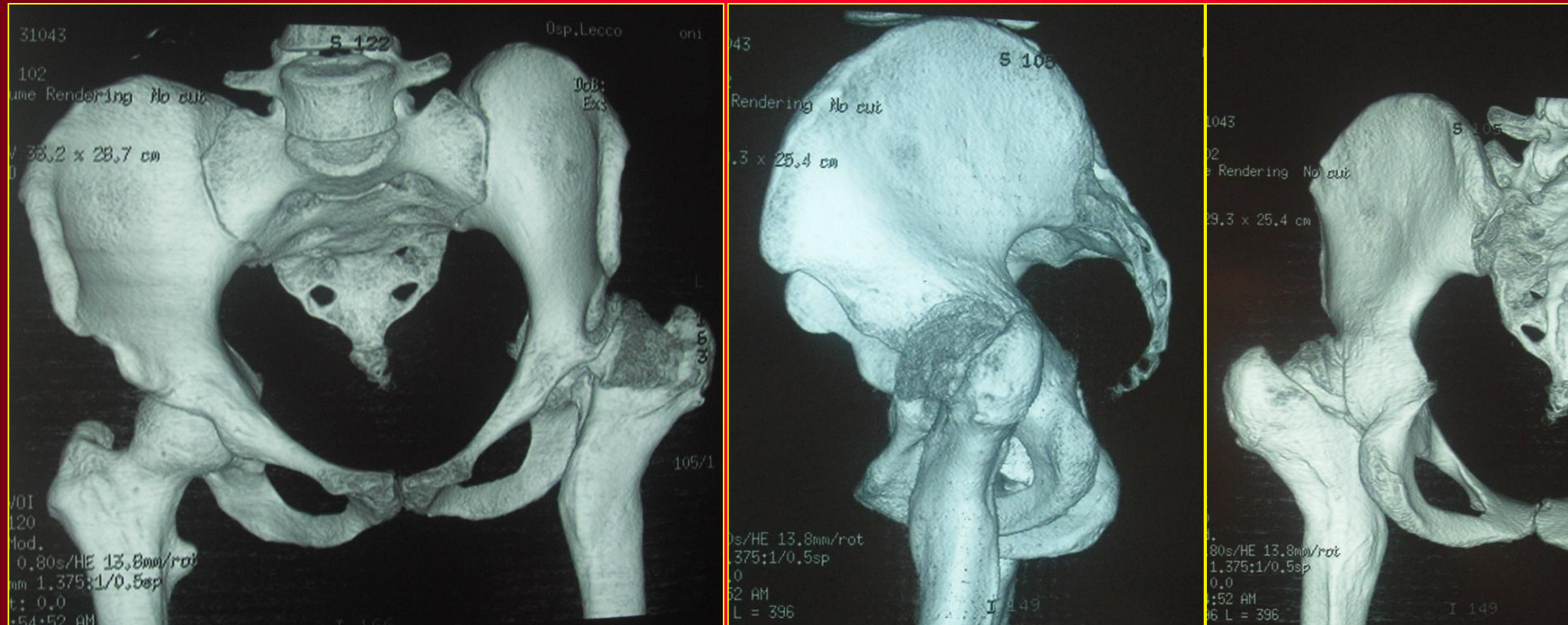
**Funzione senza
Trendelemburg**



Artrosi dolorosa dopo 10 anni



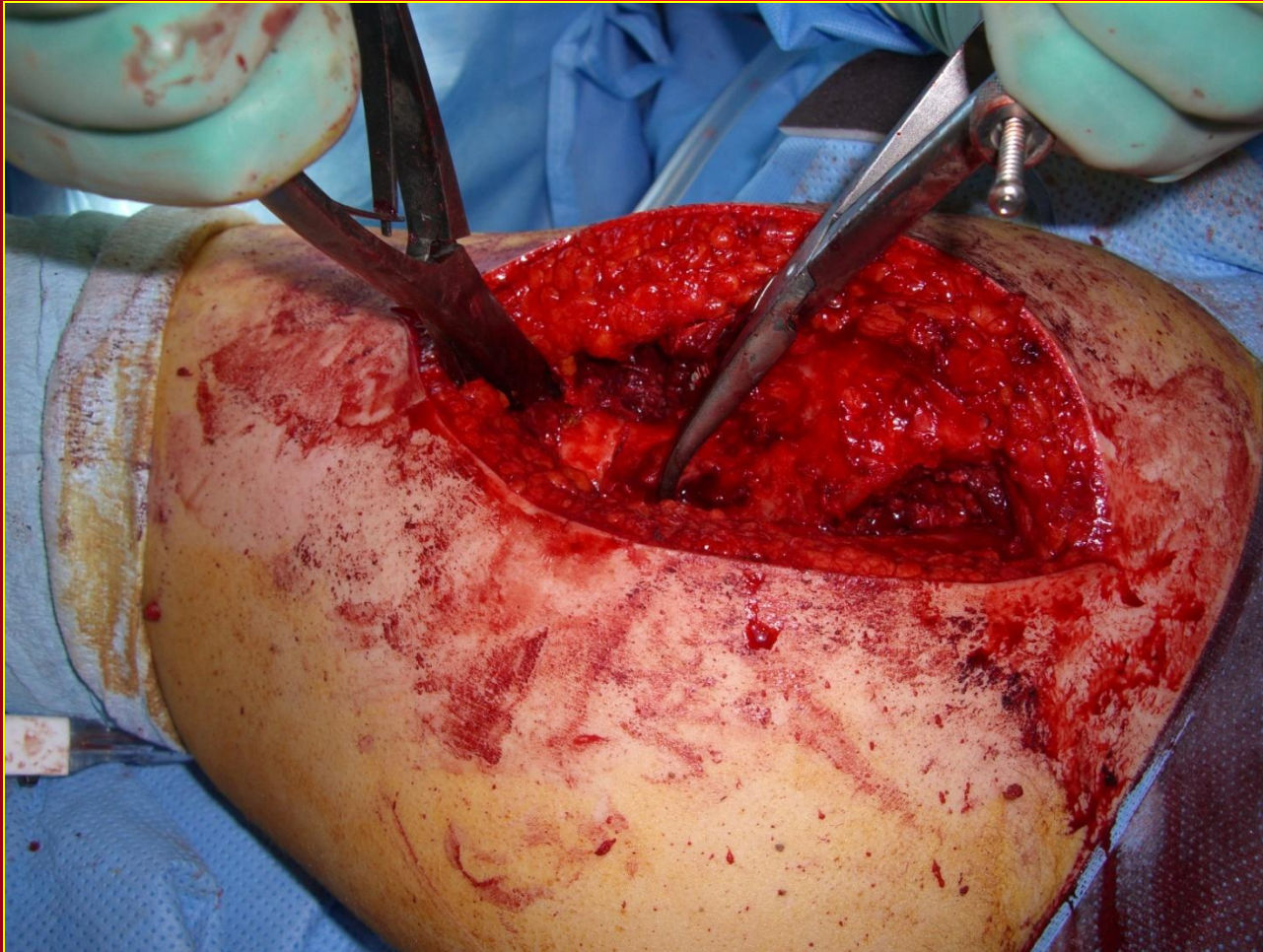
Ricostruzione TC 3D



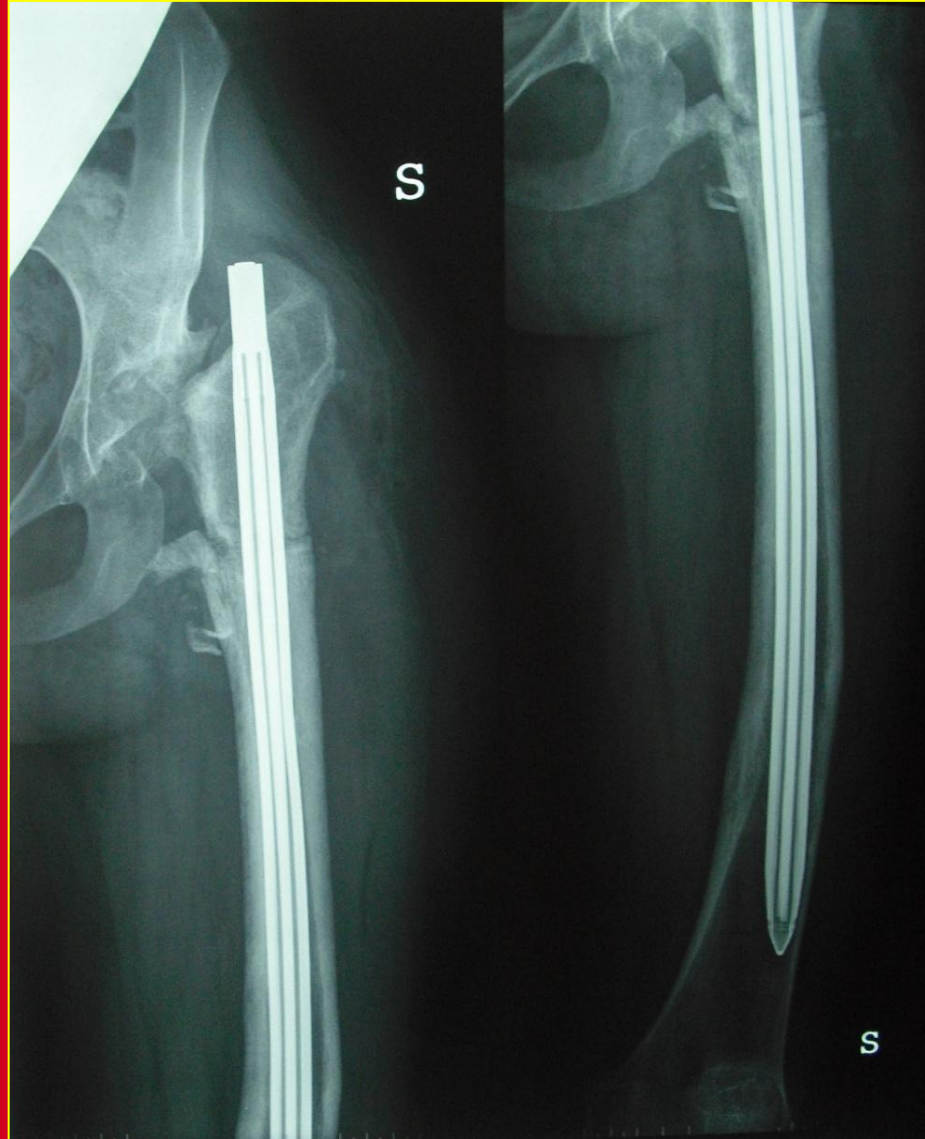
Reperi Rx per osteotomia a cuneo



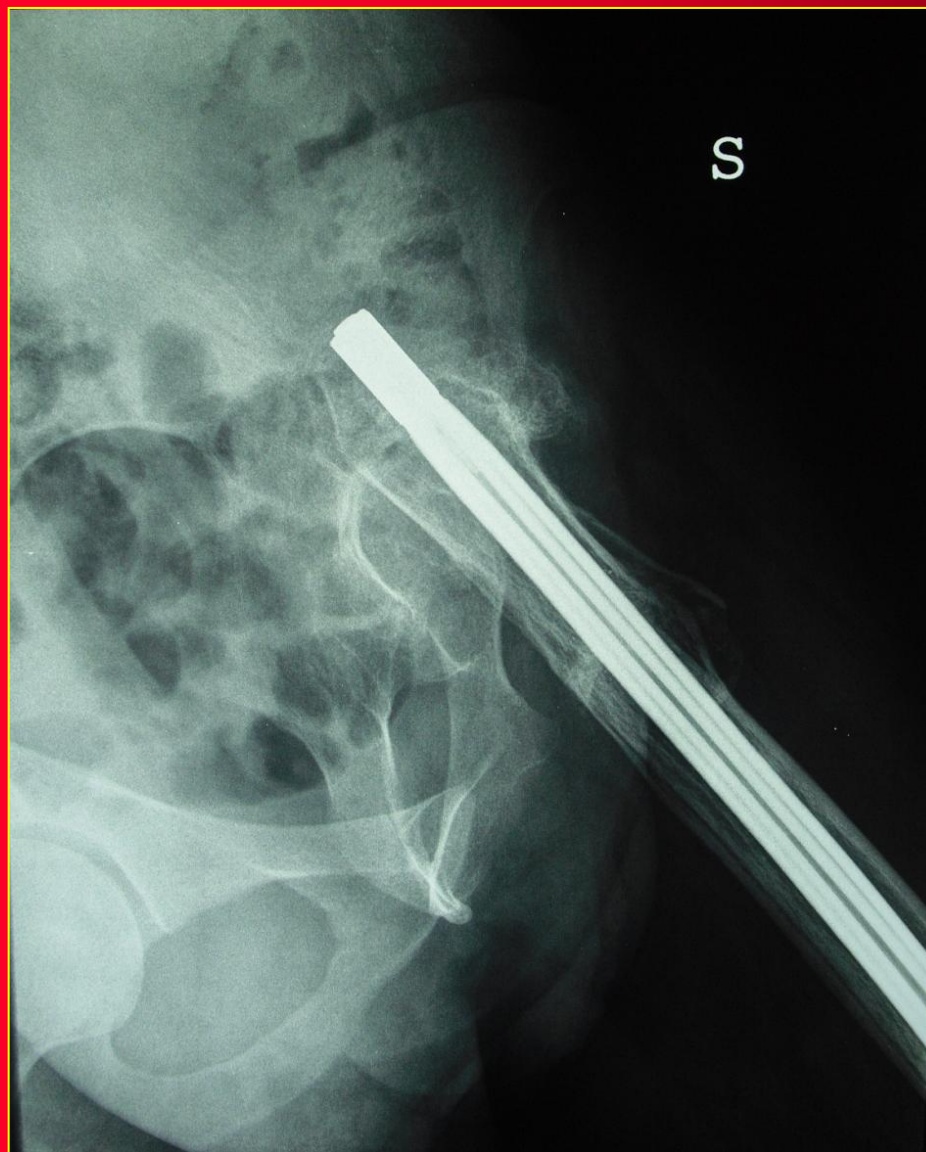
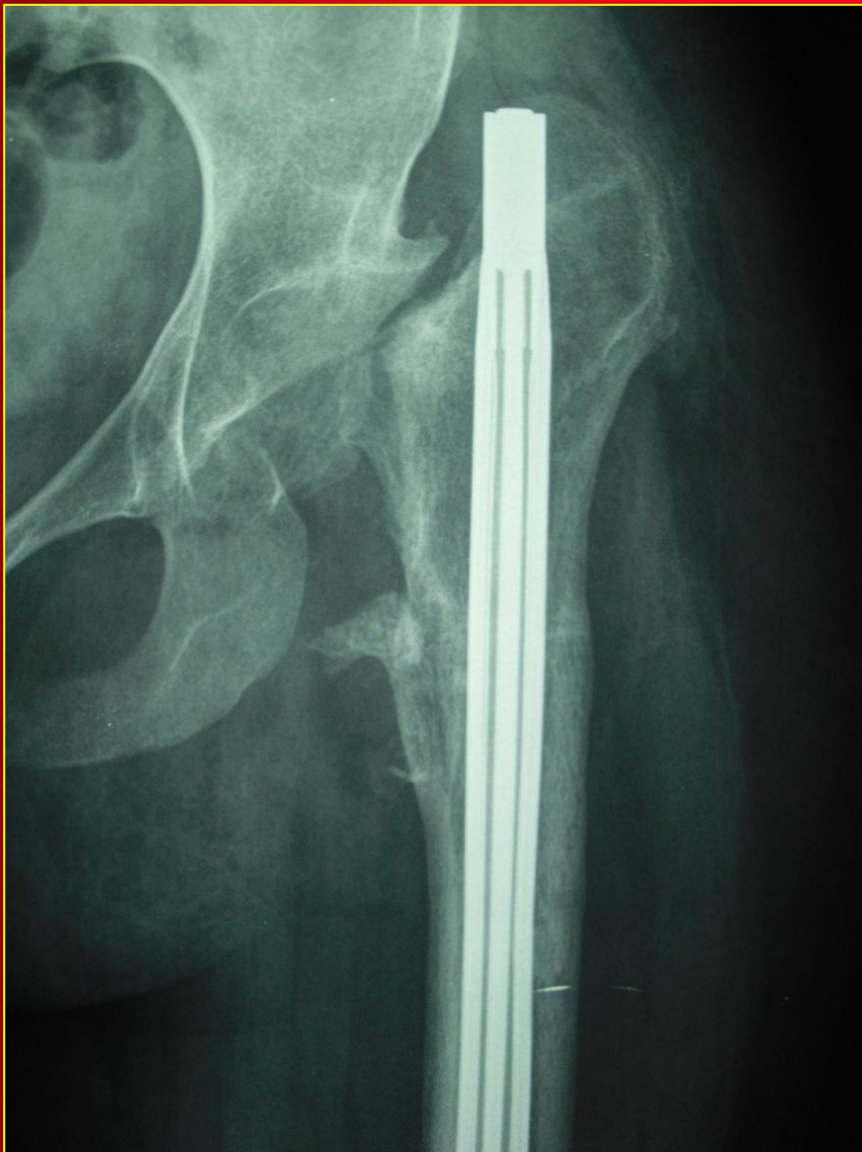
Allineamento e sintesi con chiodo ad espansione

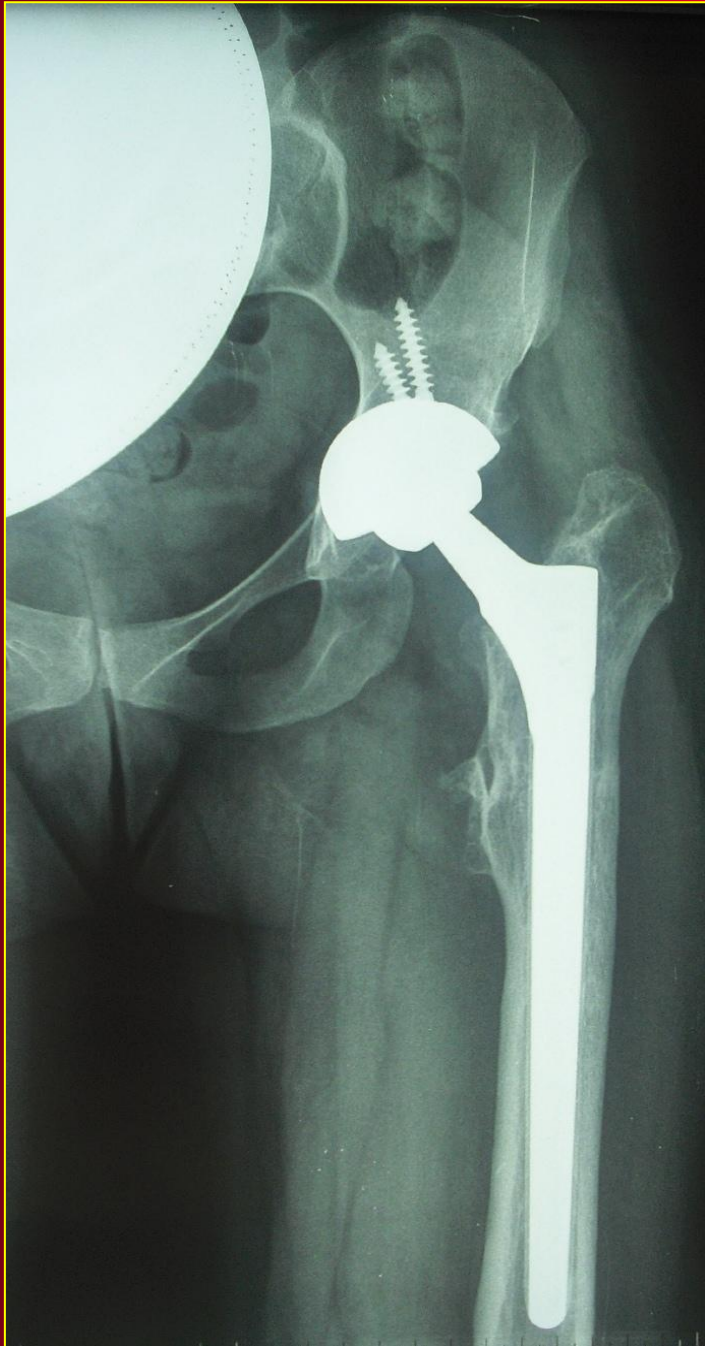


Controllo rx a 30 giorni



Controllo a 3 mesi: consolidazione

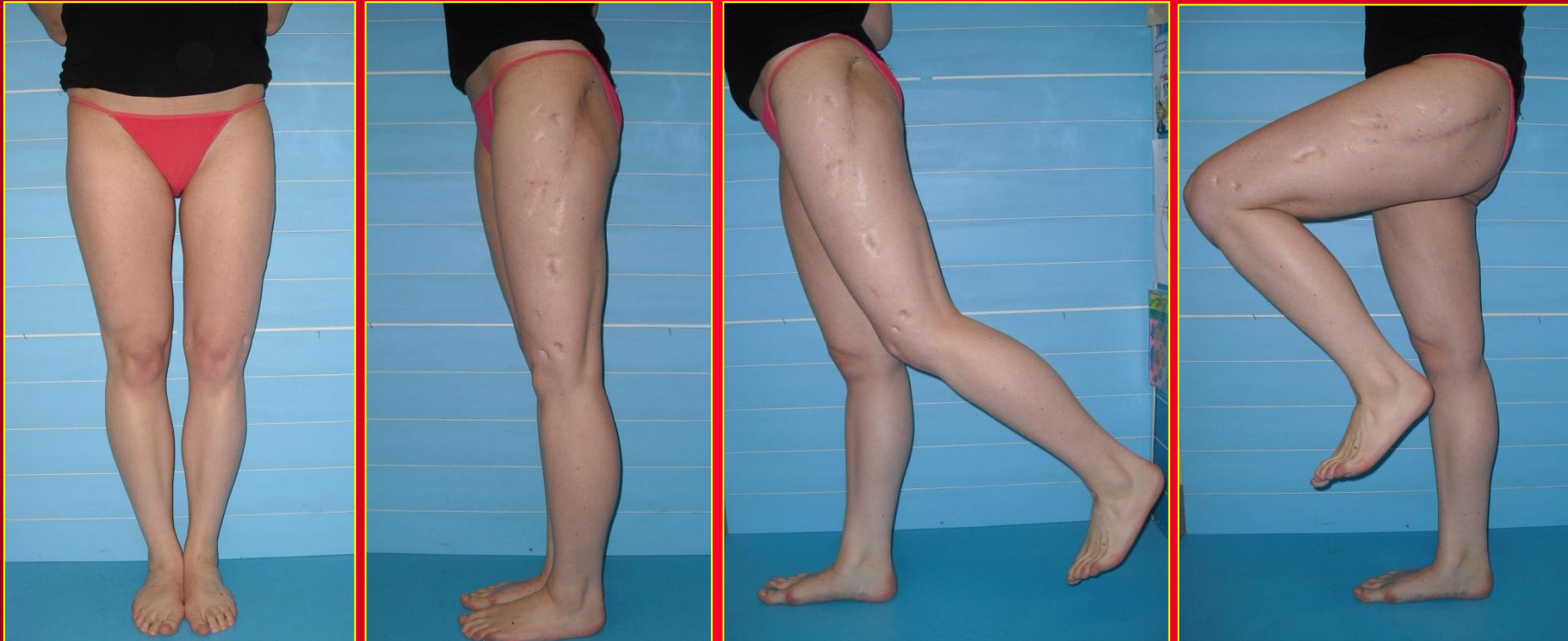




Artroprotesi da
revisione con
accoppiamento
ceramica -
polietilene



Clicamente a 6 mesi



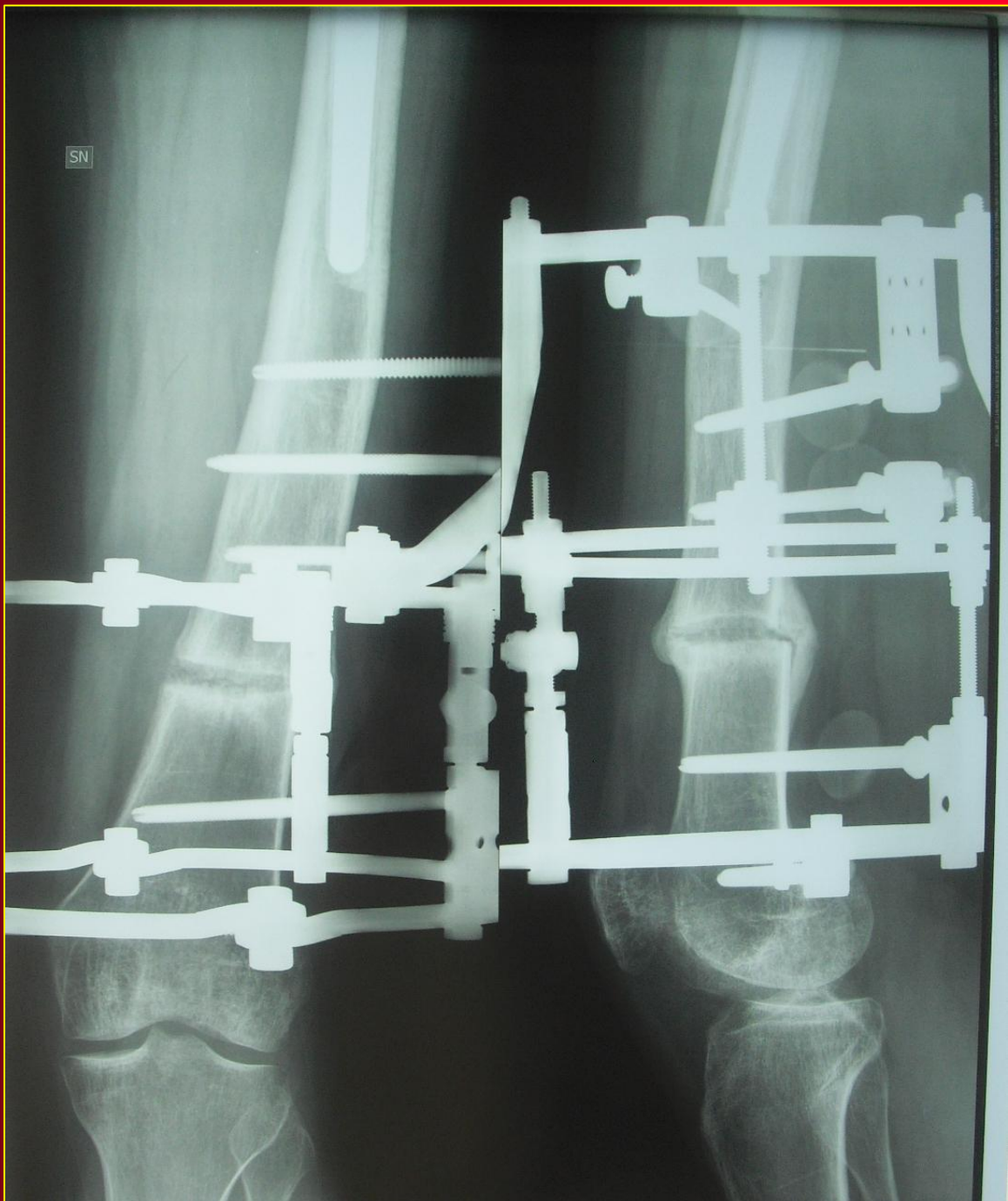


Arti inferiori in carico
a 2 anni
sintomatologia dolorosa
mediale al ginocchio sin



Osteotomia progressiva valgizzante





Rx Osteotomia femorale correttiva



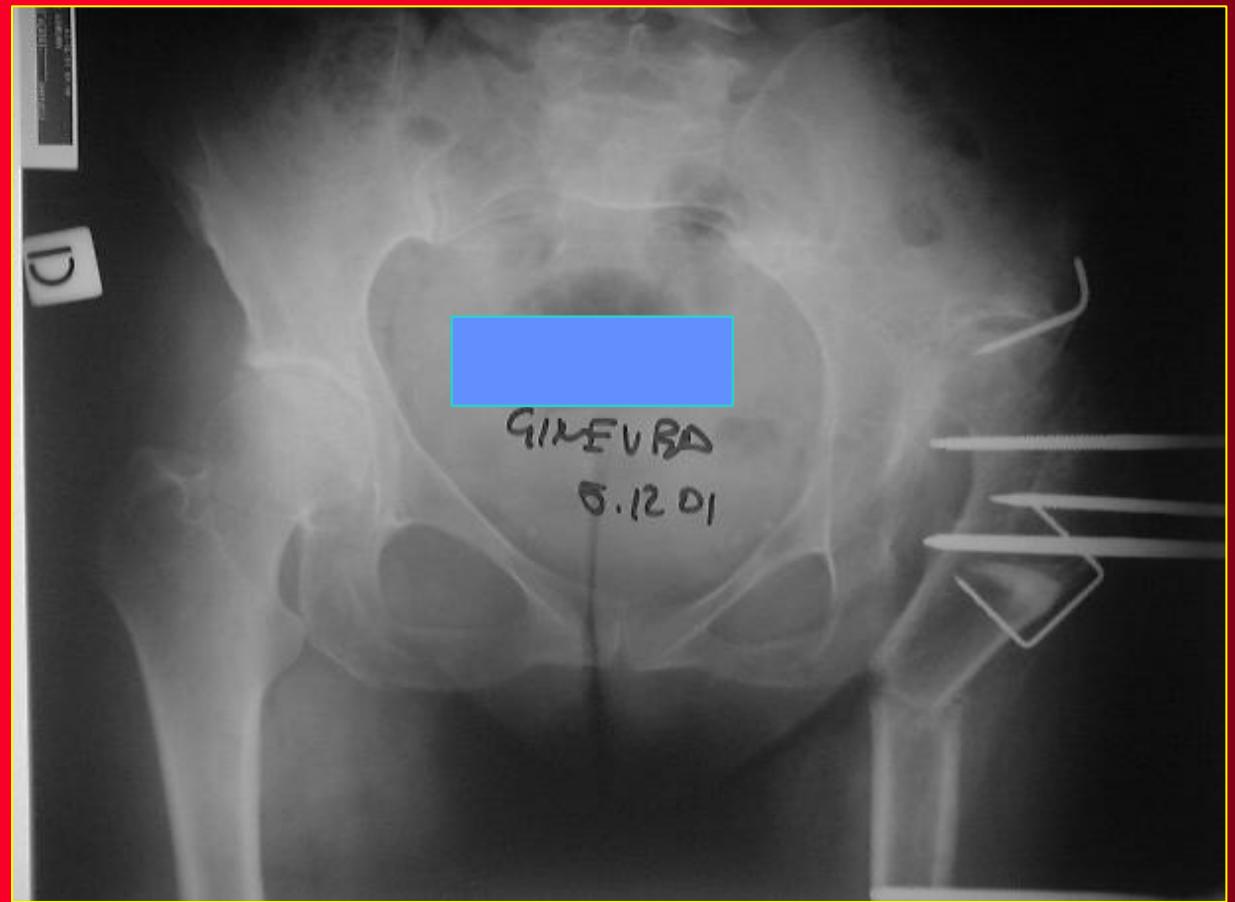


Controllo Rx
finale a 6 anni
dalla rimozione
del FEC



Controllo clinico a 6 anni





Hip displasia





Frame
configuration





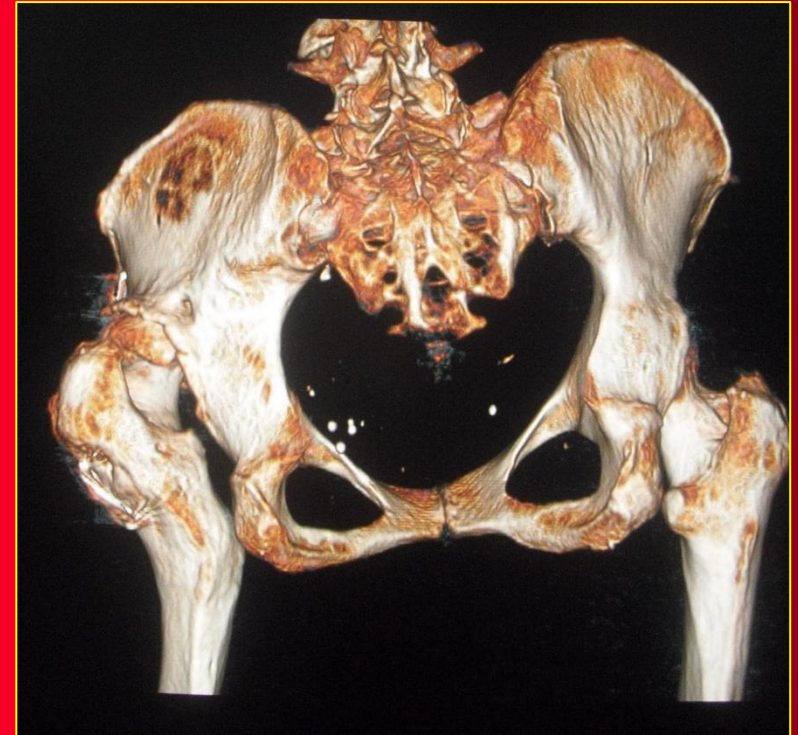
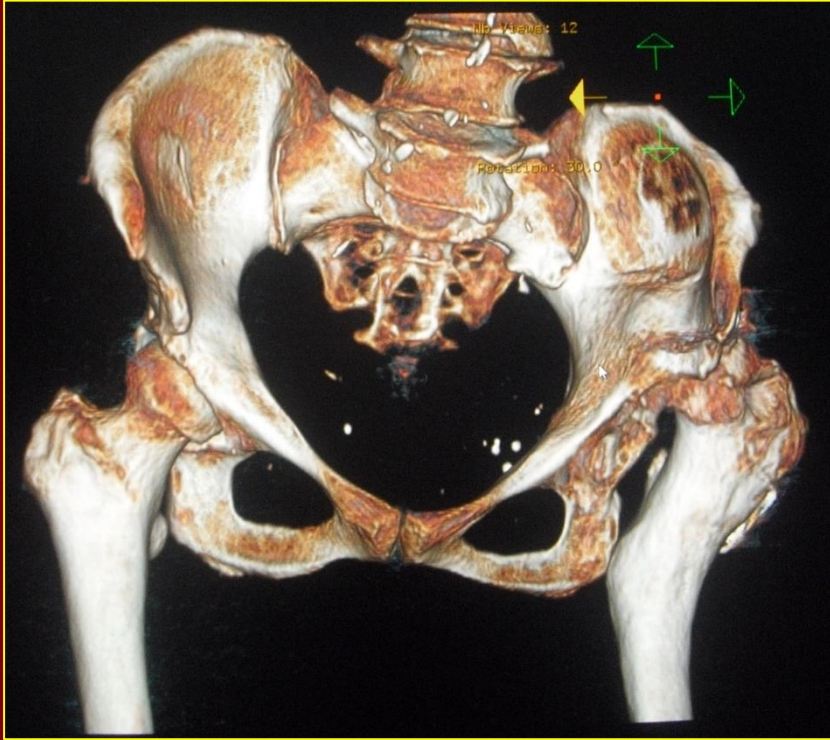
Function



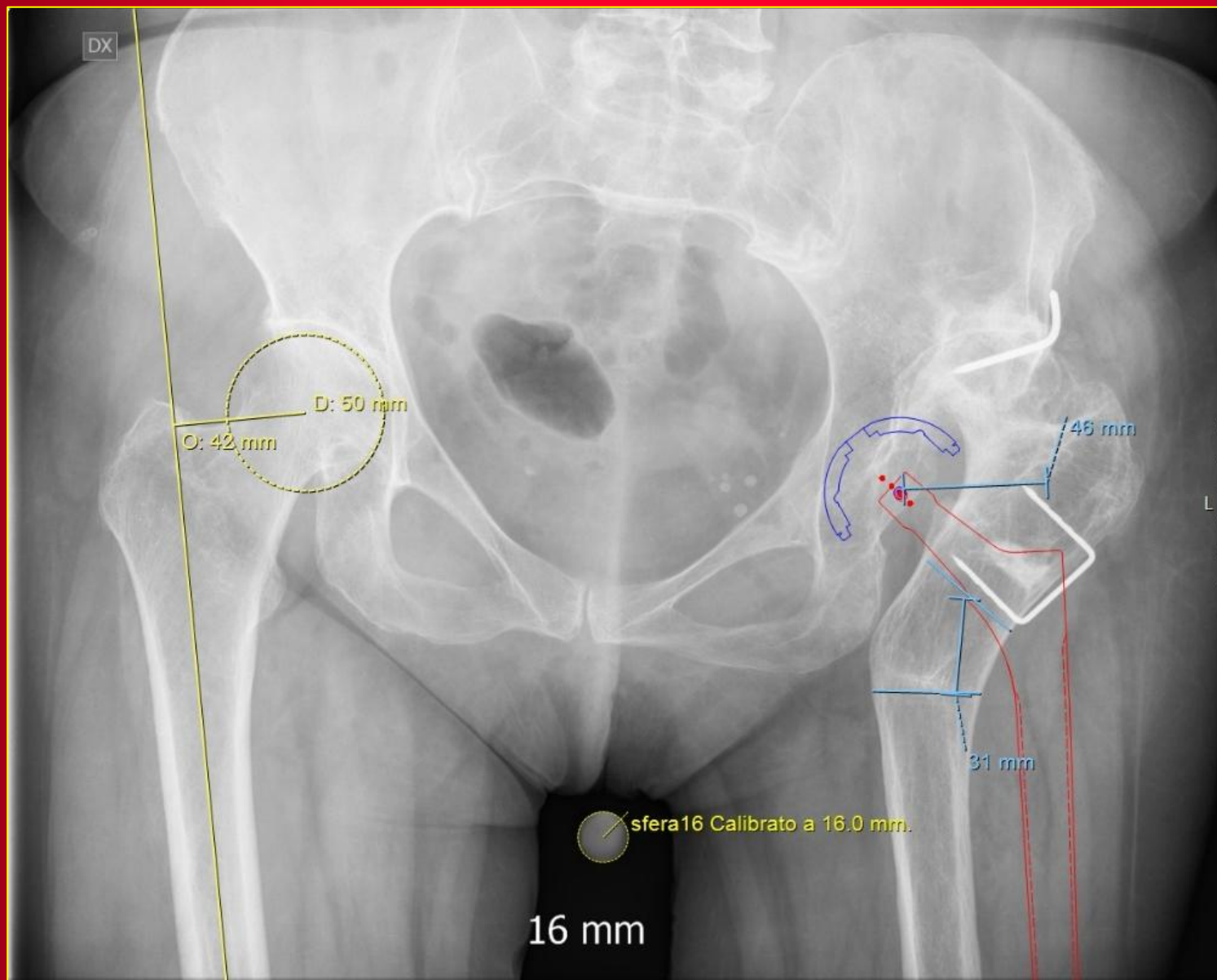
20 anni dopo rimozione del fissatore



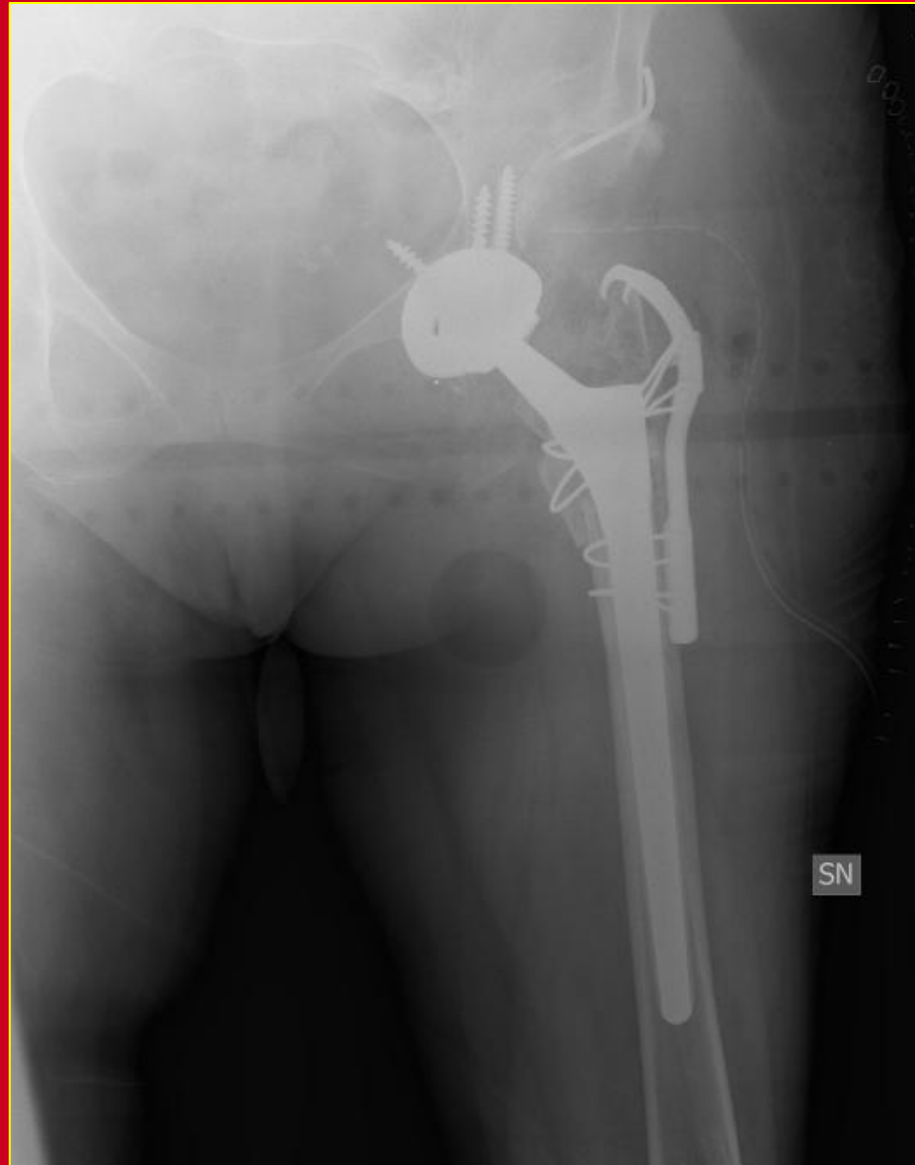
Ricostruzione con TC 3D



Planning pre-operatorio



Rx Post-operatorio



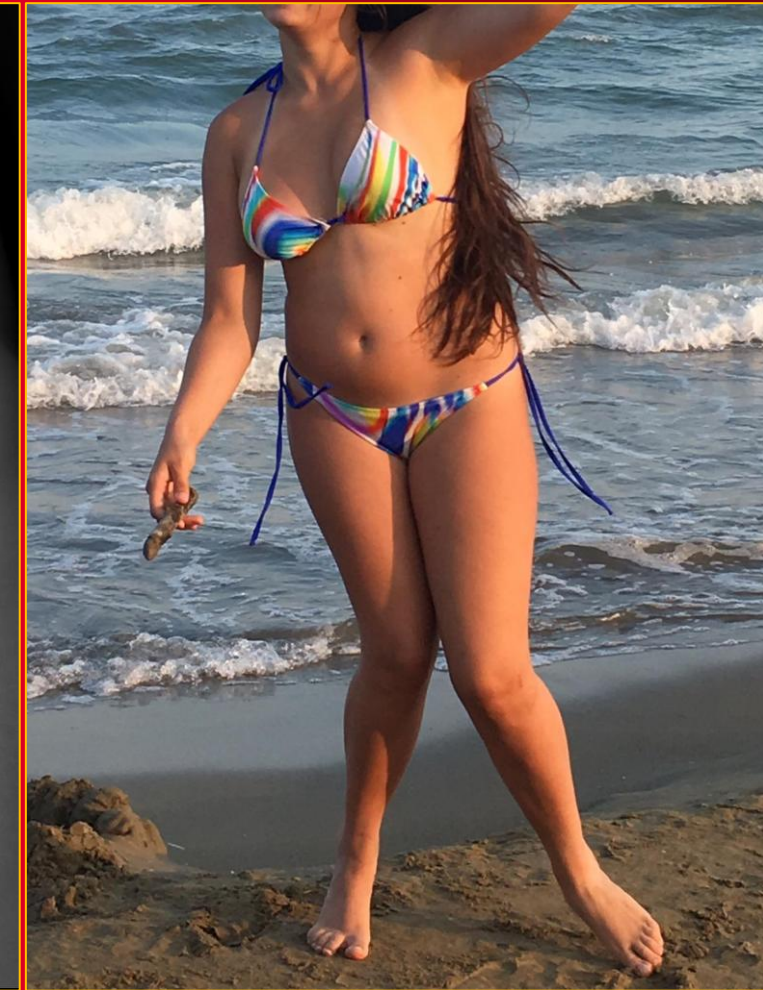
Quadro radiografico a 2 anni



Clinico- funzionale a 2 anni

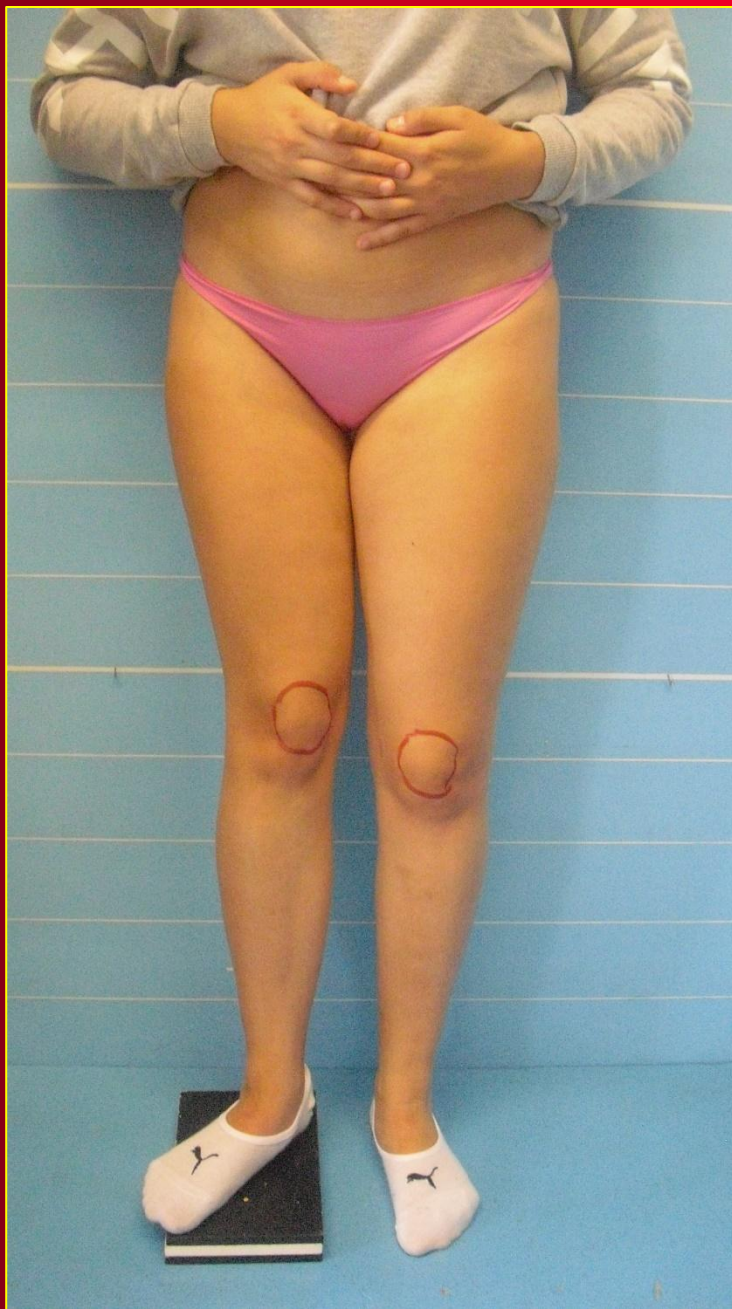


B. Valeria 14 aa
Coxartrosi Dx in esiti artrite settica



Controllo Rx dopo artroprotesi all'anca Dx





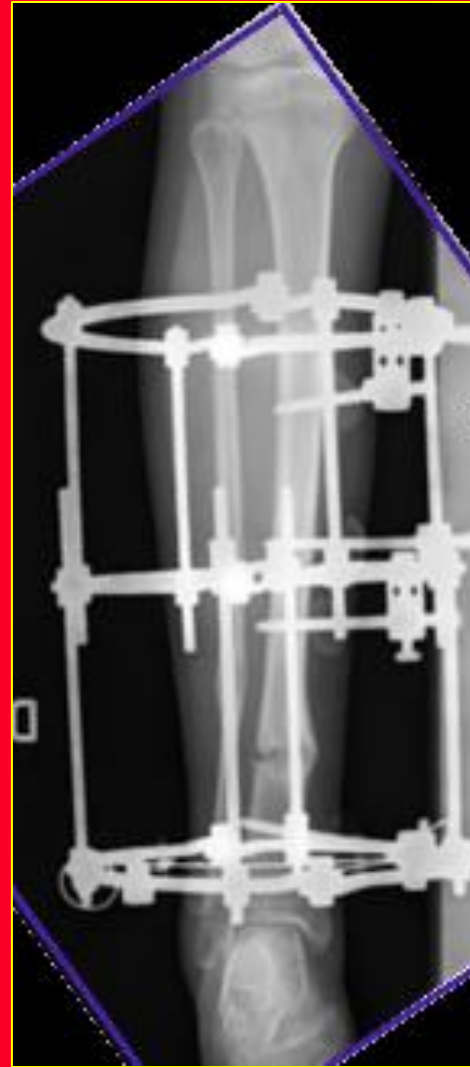
Controllo clinico a 8 mesi

Deformità rotatoria
dell'arto inferiore dx



Dinamica della marcia





Osteotomia distale di femore extra-rotante
Osteotomia distale di tibia intrarotante di compenso





Aspetto clinico durante la correzione





Quadro Rx a 5 anni



Quadro clinico finale



Quadro clinico funzionale finale





Miglioramento della deambulazione



Prova del 9



Grazie – Obrigado -Thank you



(Circular is friendly)



No Trendelemburg e abduzione attiva



No Trendelemburg e abduzione attiva



No Trendelemburg e abduzione attiva



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No Trendelemburg e abduzione attiva



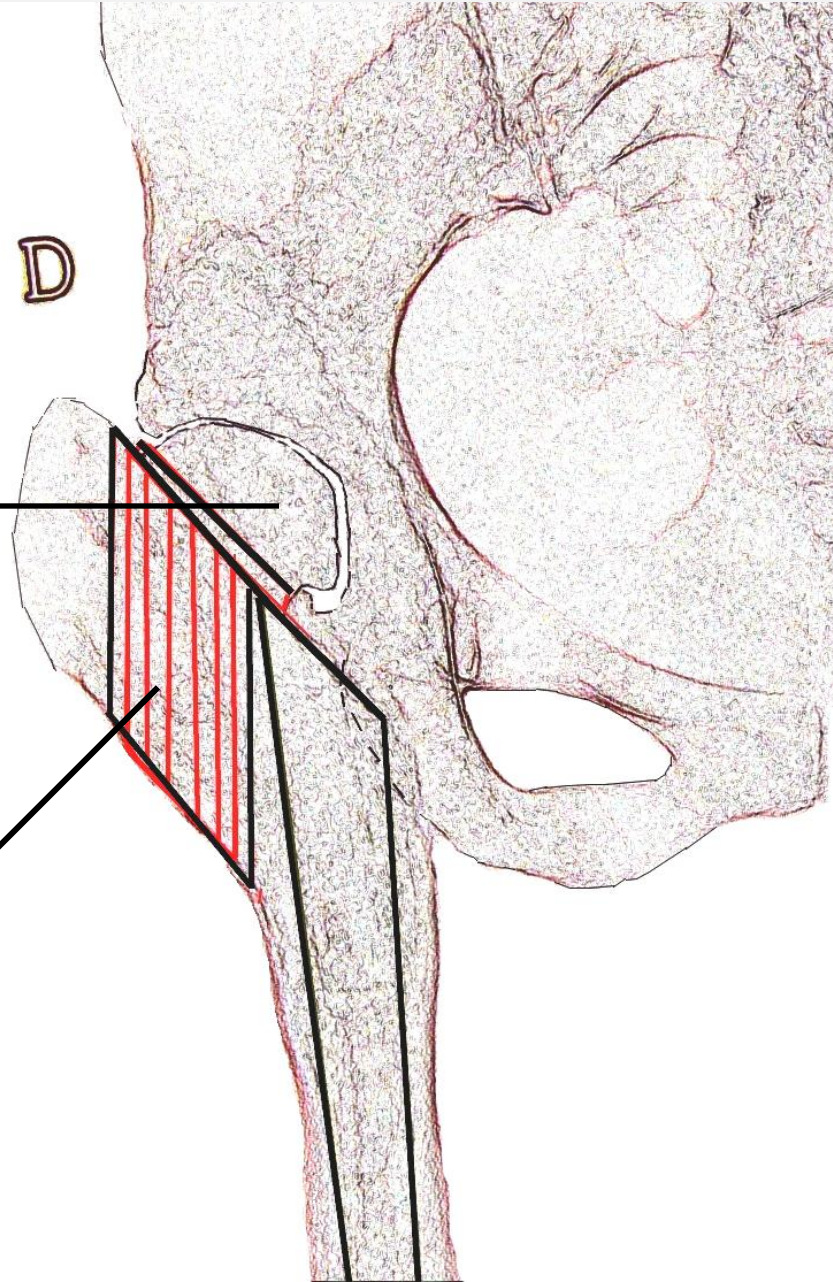
No Trendelemburg e abduzione attiva

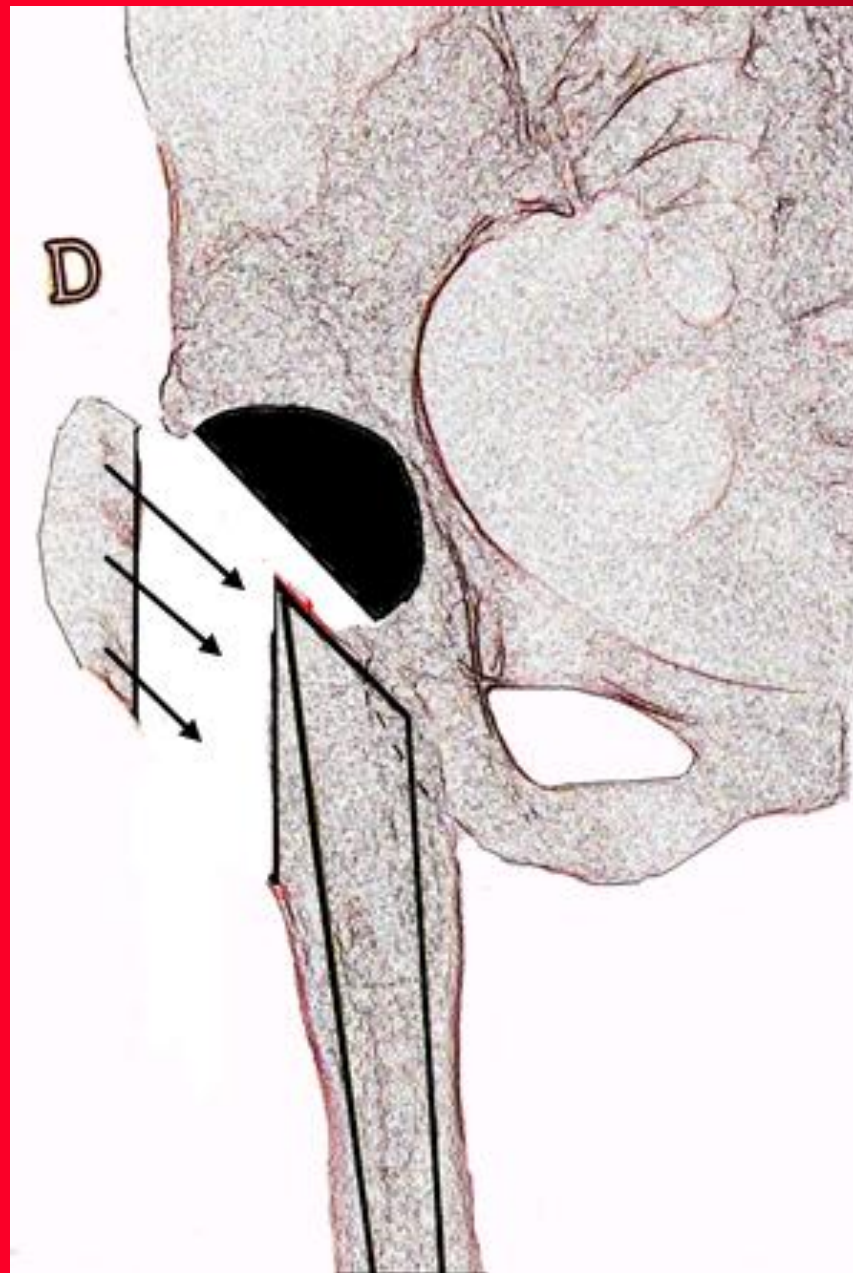
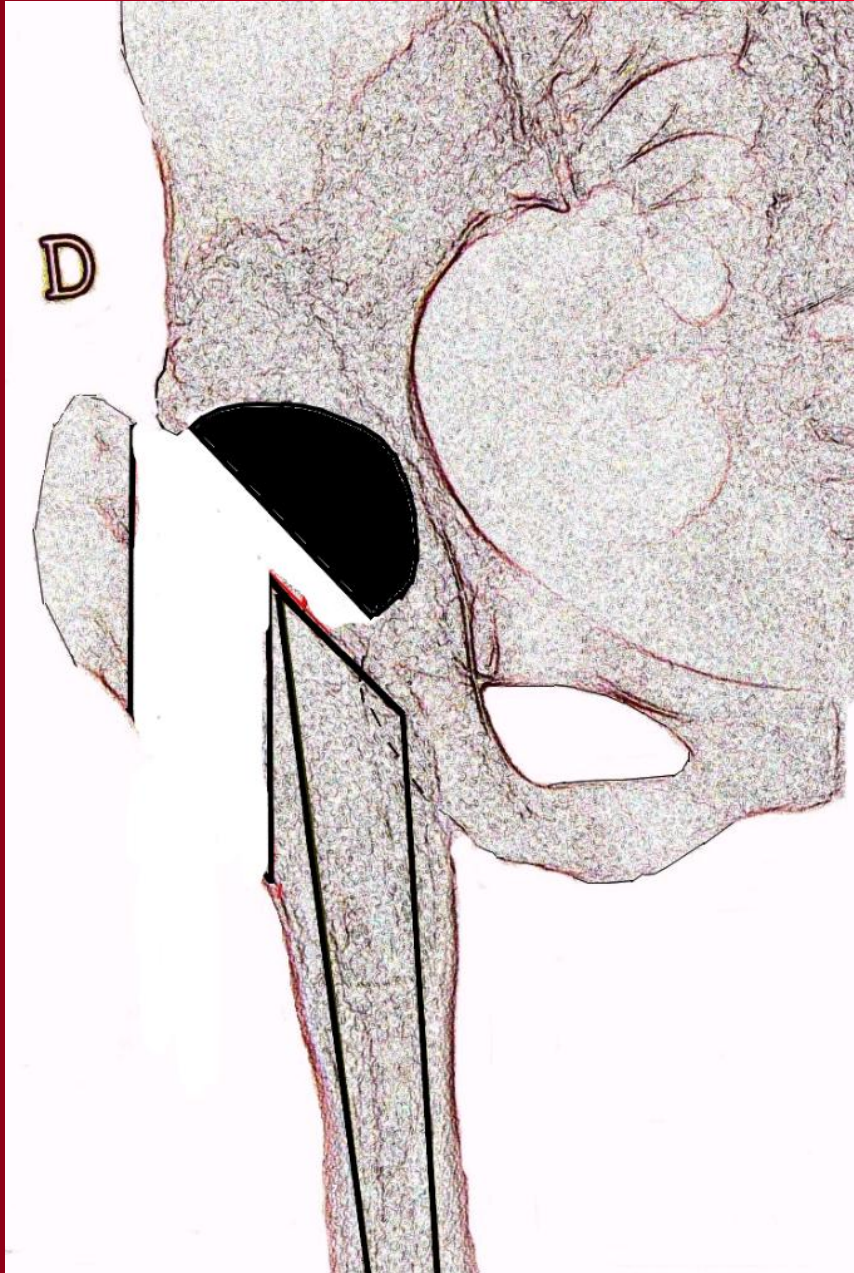


D

Acetabular reaming

Trochanteric
resection

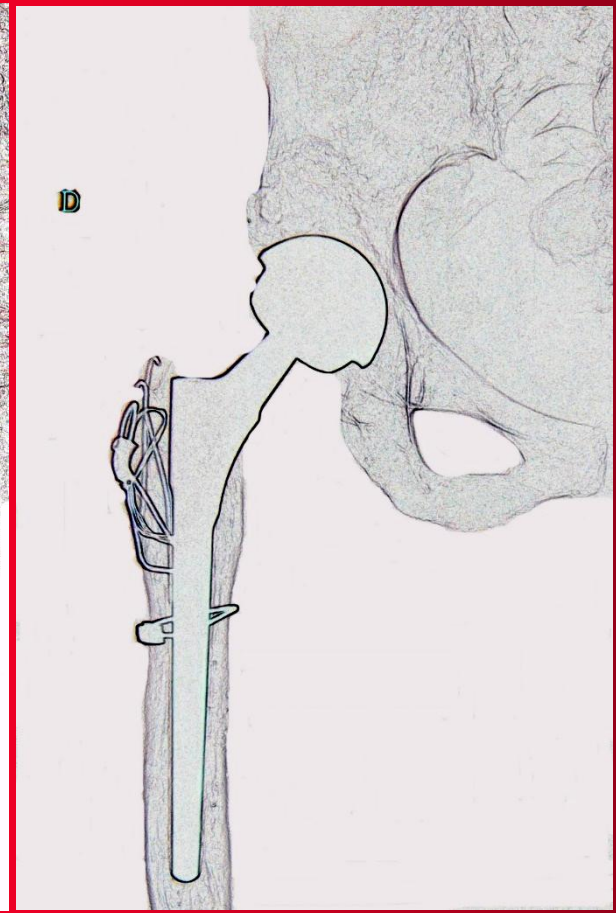
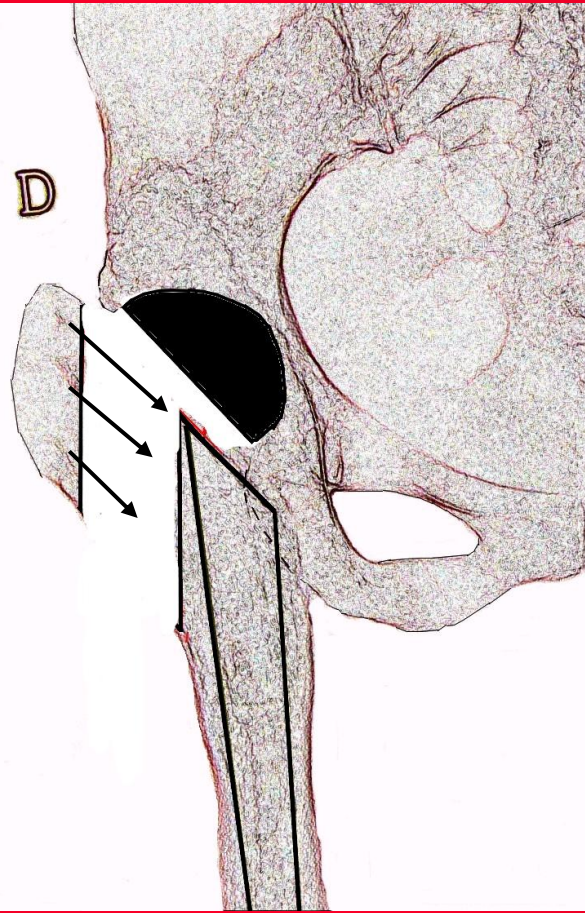
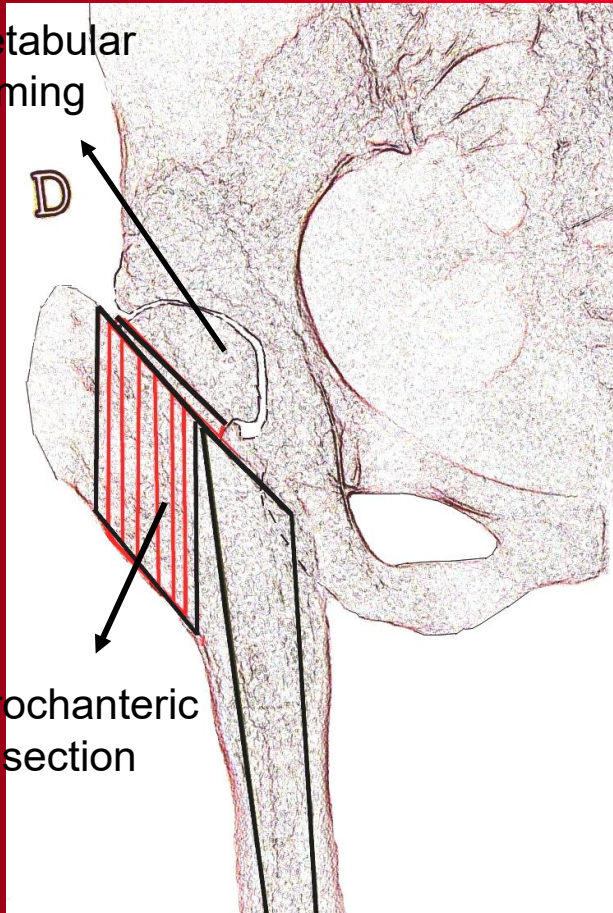


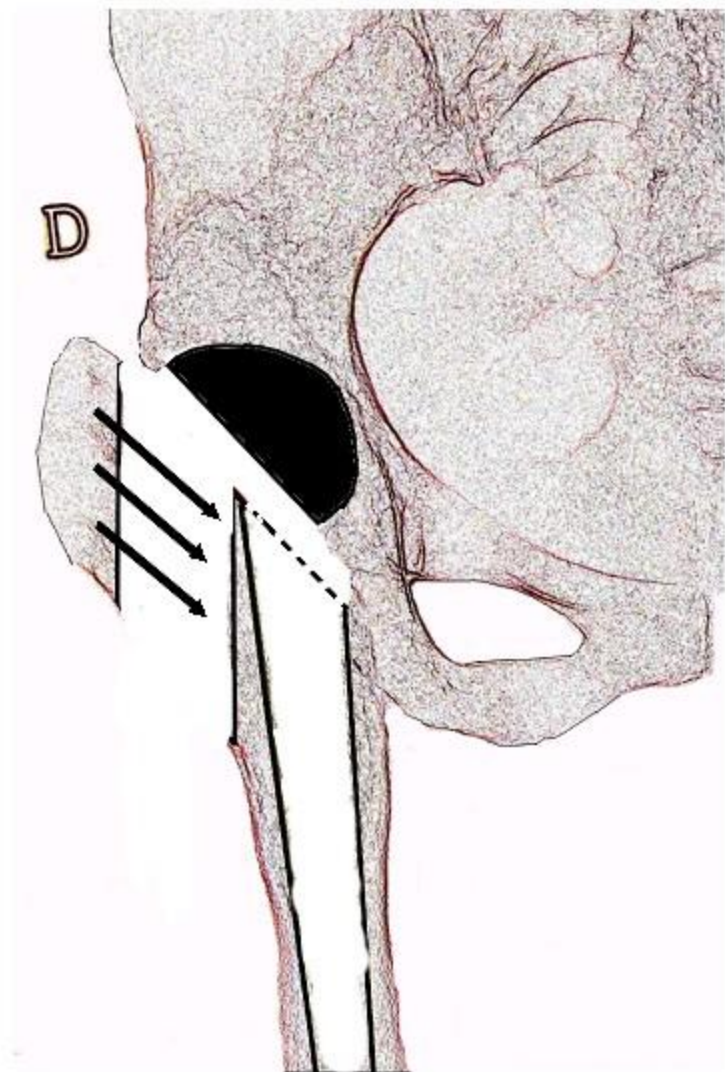


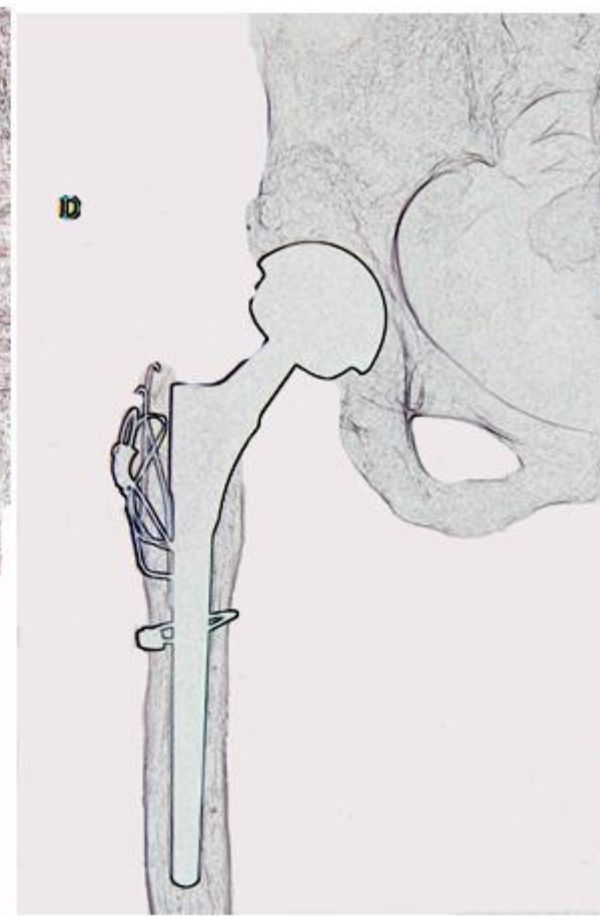
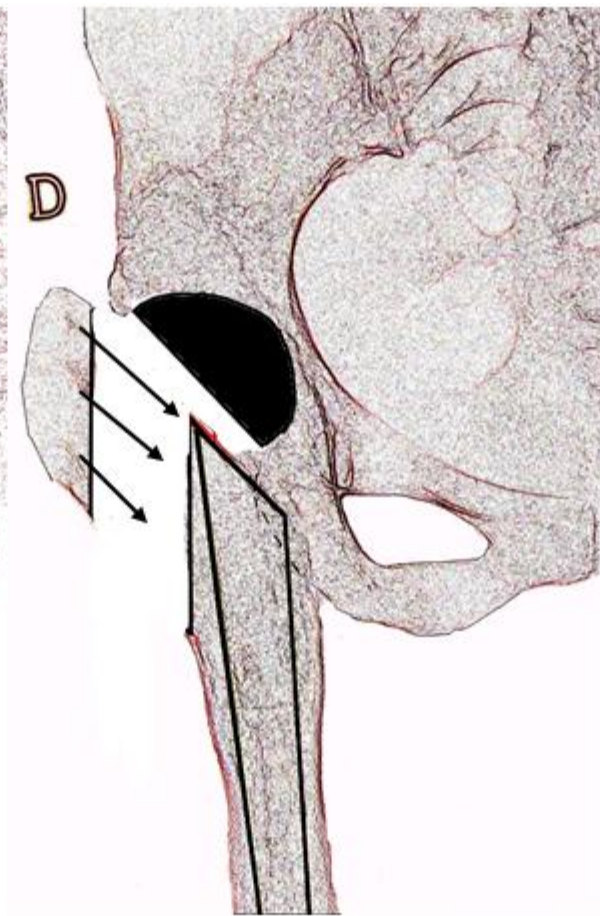
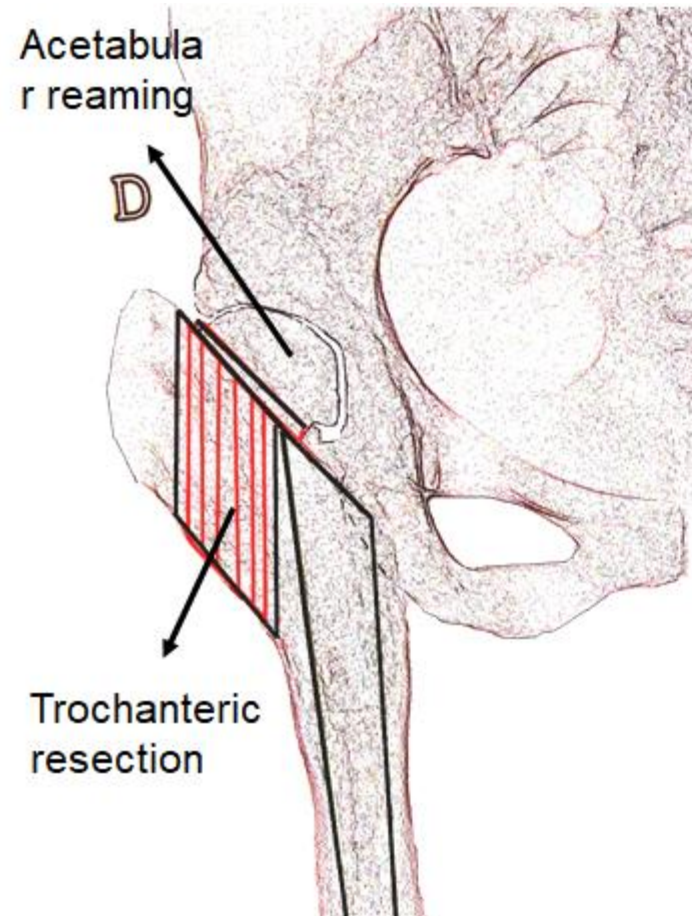
Acetabular
reaming

D

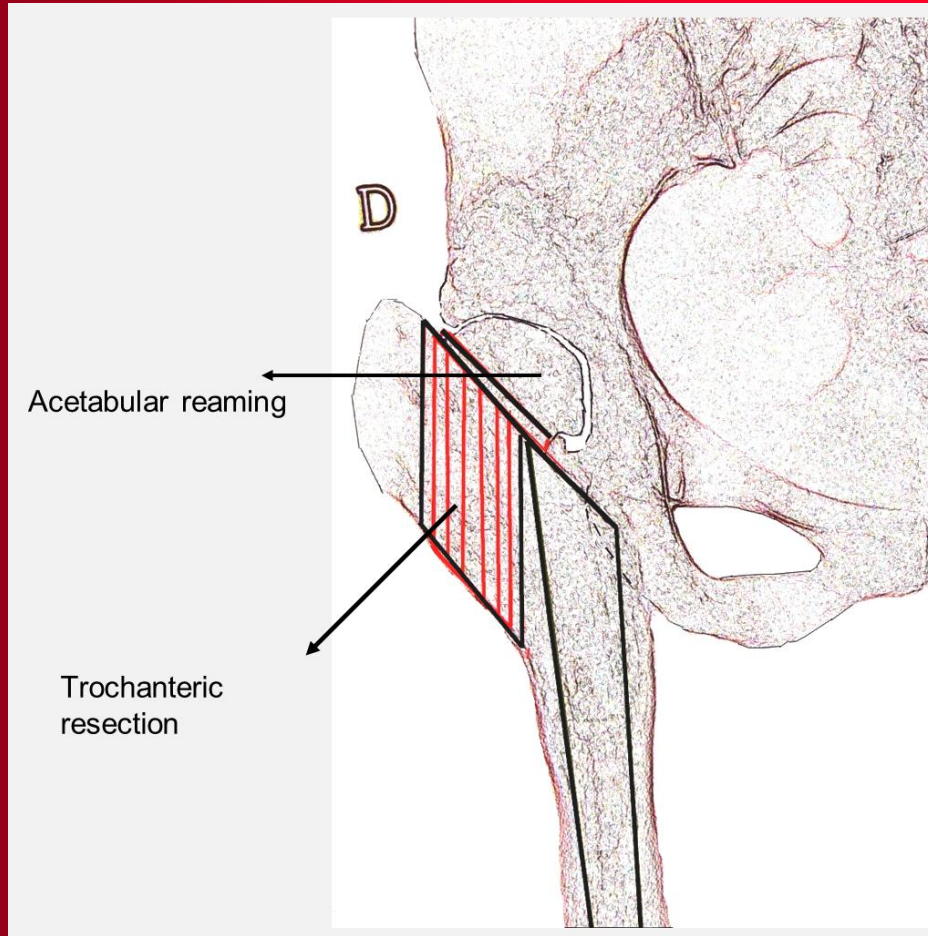
Trochanteric
resection



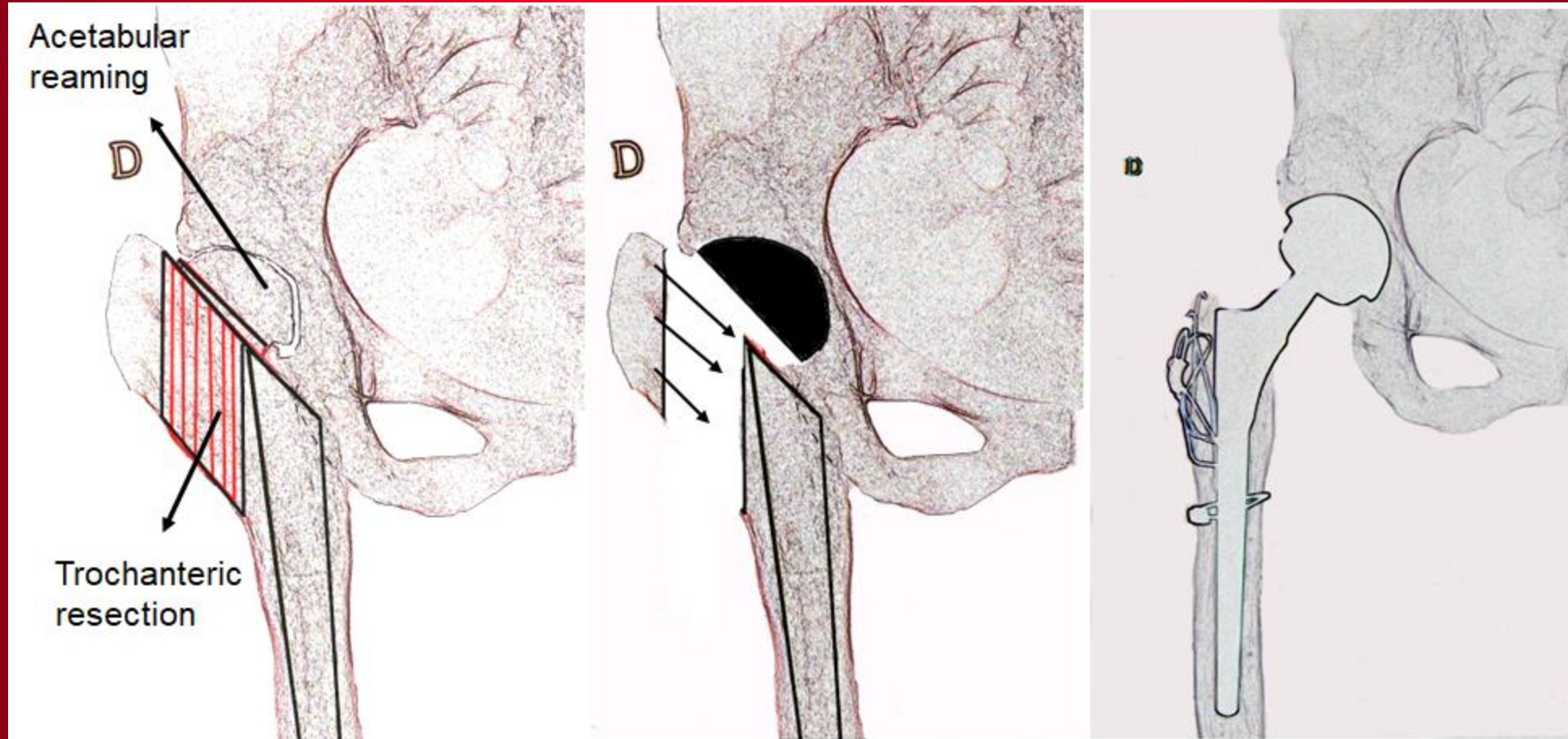




No Trendelenburg e abduzione attiva



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