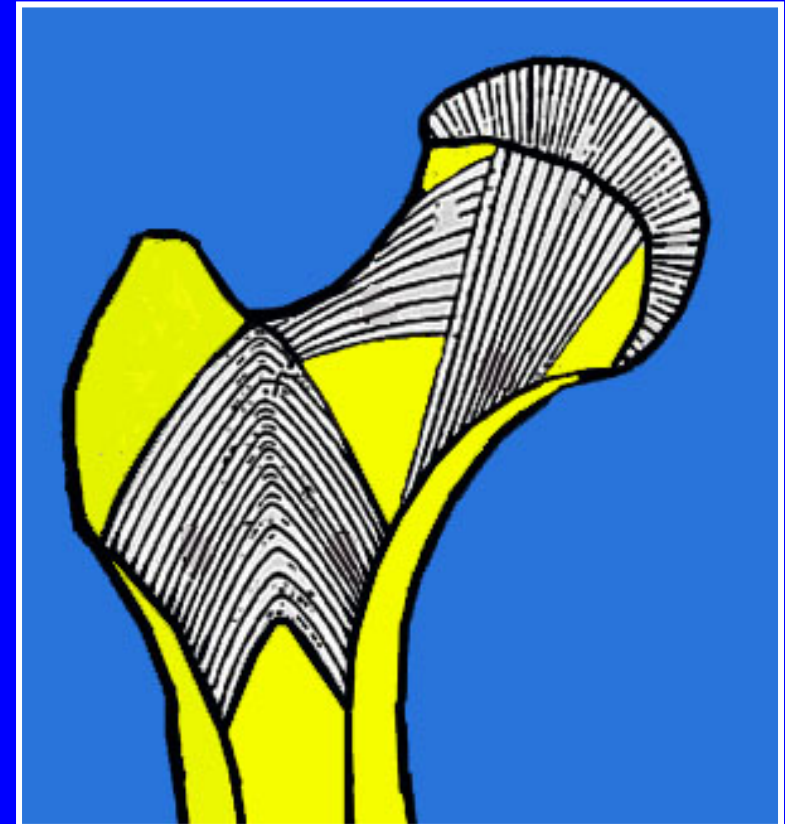


FRATTURE DEL COLLO

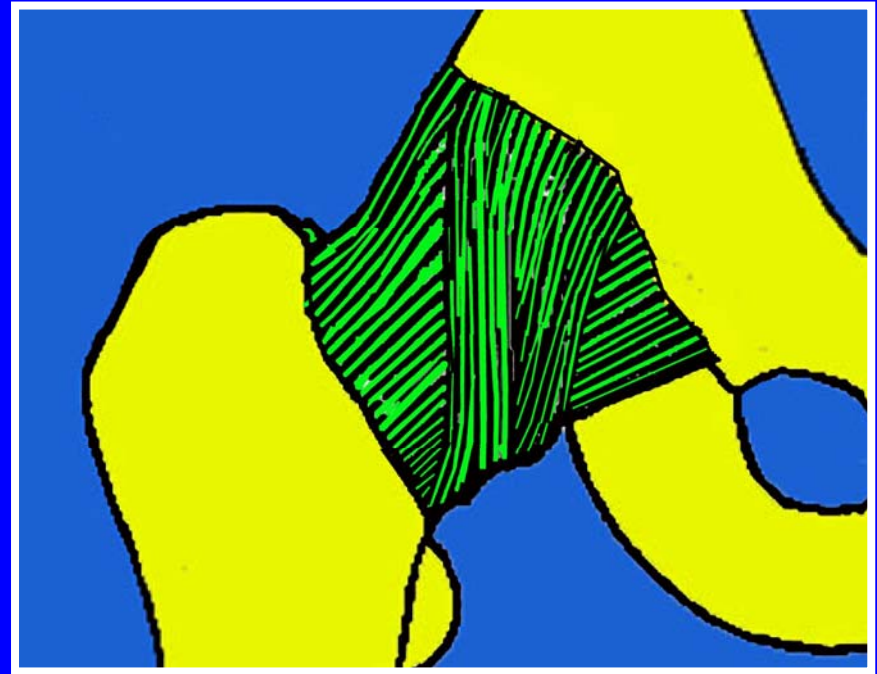
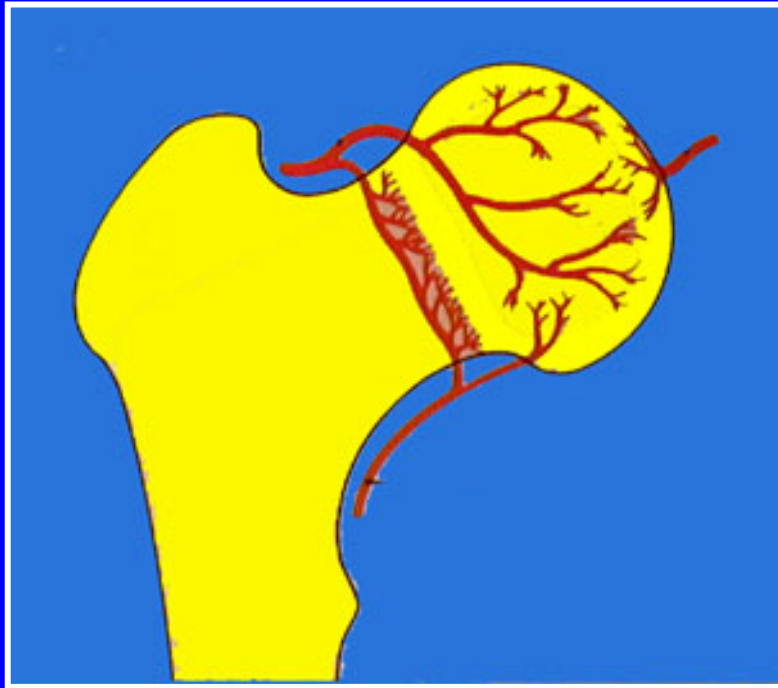
www.fisiokinesiterapia.biz

Anca normale



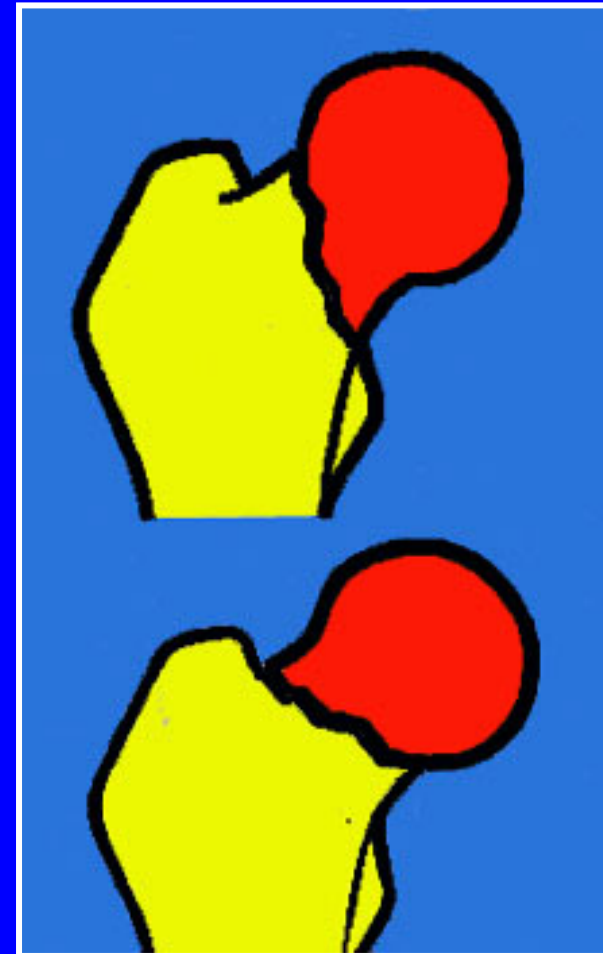
Le travate ossee rendono solido il collo del femore

Cenni di anatomia

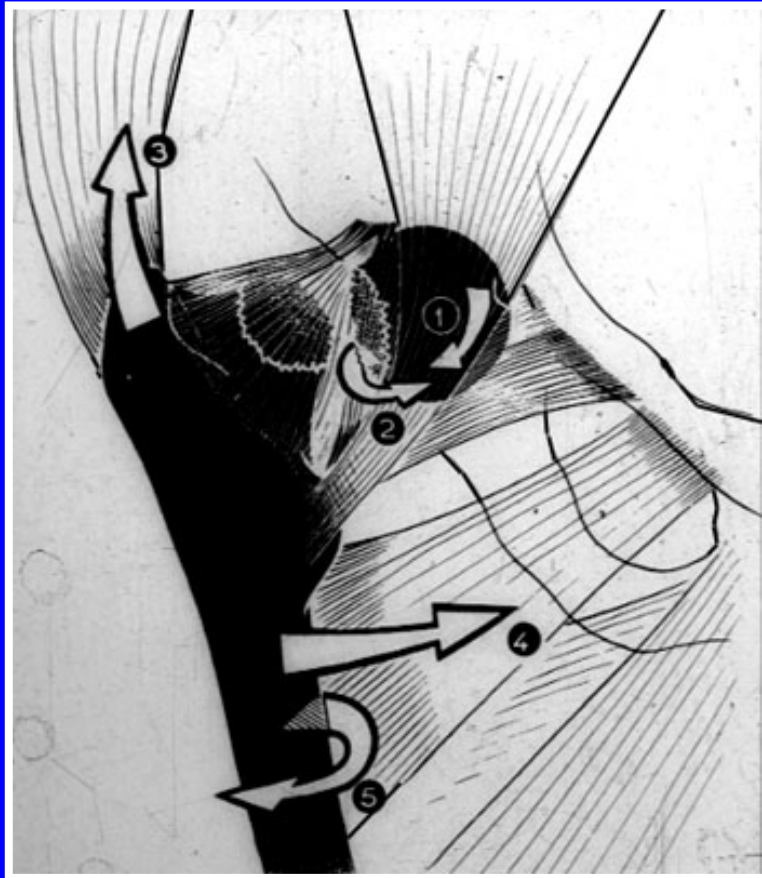


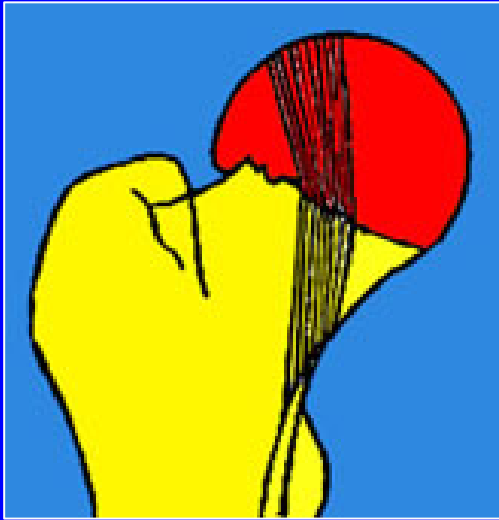
Fratture del collo : sedi

- Fratture oblique in basso (a becco cefalico): **Instabile**
- Fratture orizzontali (a becco cervicale) : **piu' stabili**



Scomposizioni





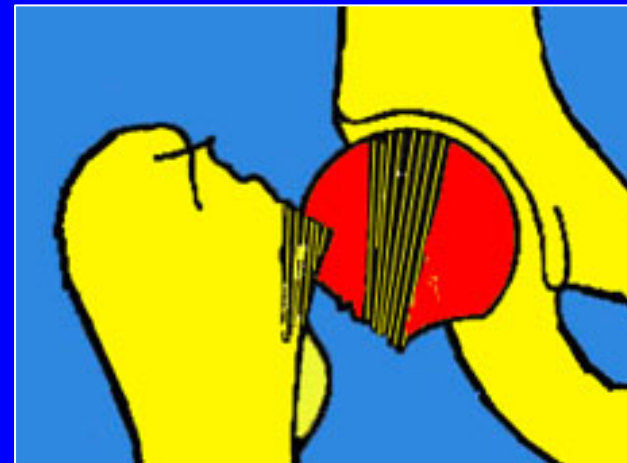
Garden I



Garden II



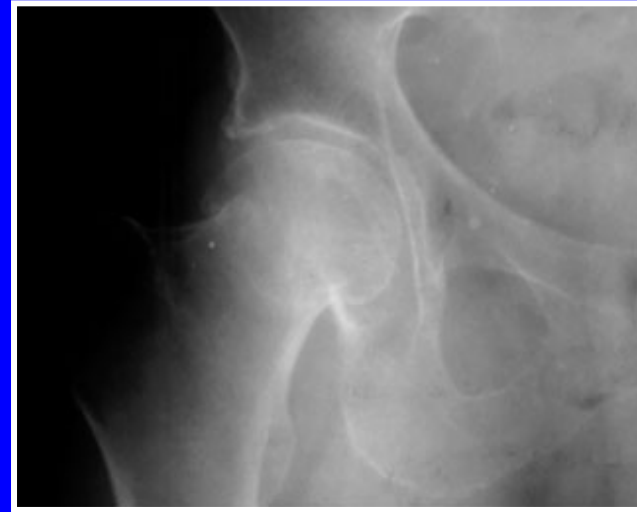
Garden III



Garden IV



Garden I



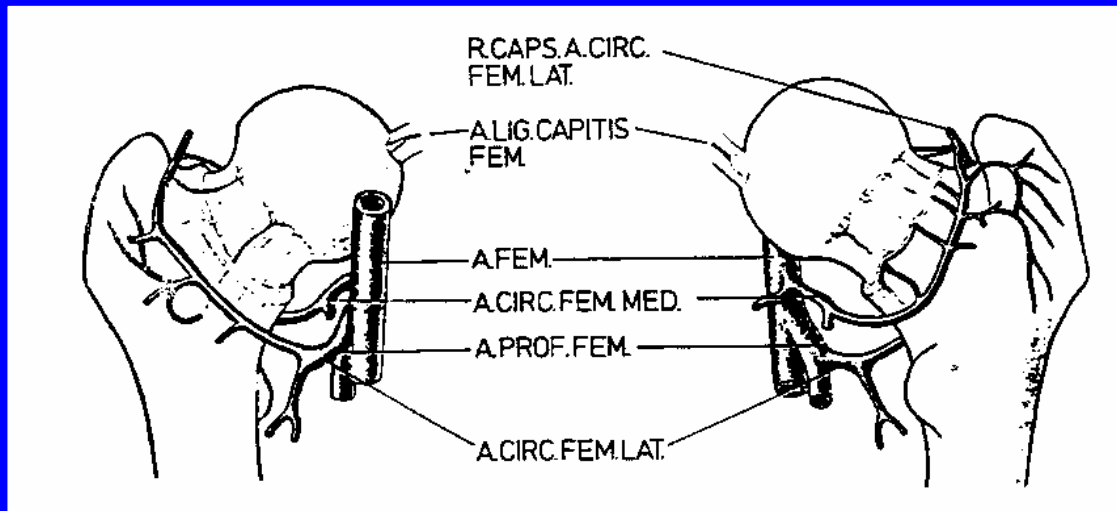
Garden II



Garden III



Garden IV



Traitement orthopédique possible dans le stade I



Trattamento ortopedico possibile nel I stadio



**Consolidazione possibile delle fratture poco scomposte in coxa
valga**



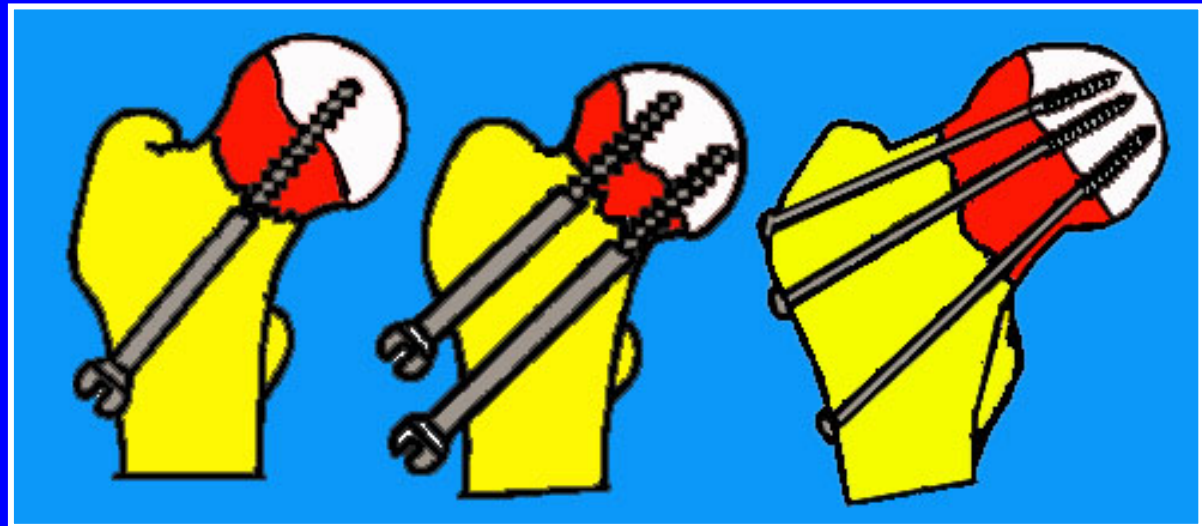
Fratture ingranate in coxa vara

**Fratture ingranate in
coxa vara**

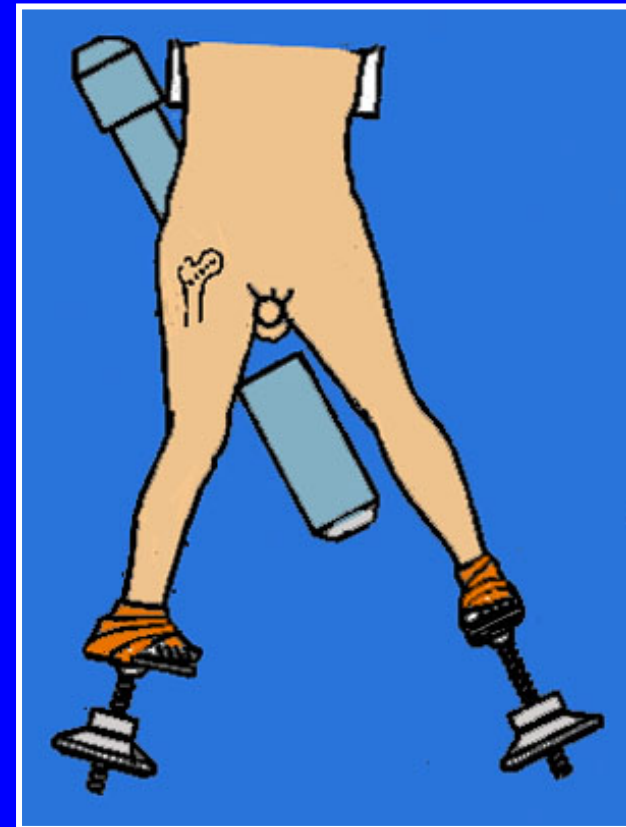
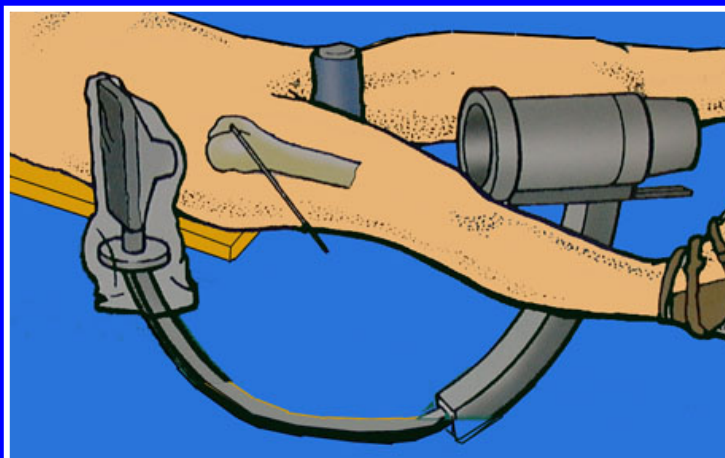
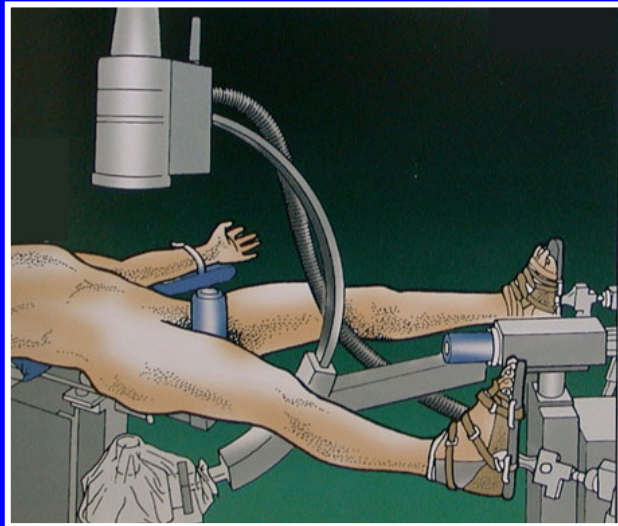
**Attenzione si
scompongono
facilmente in secondo
tempo !**



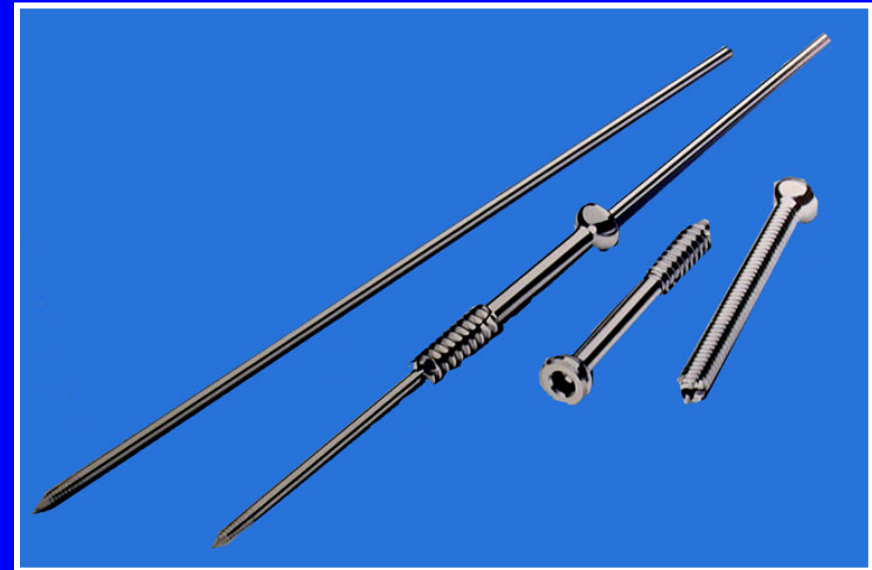
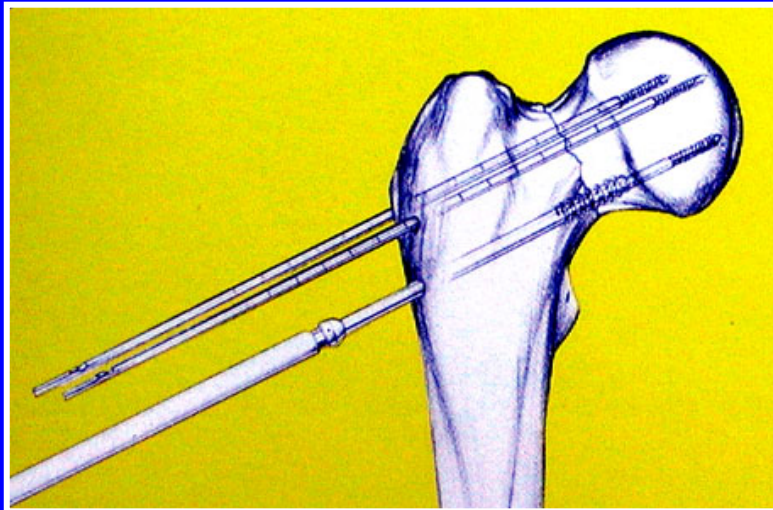
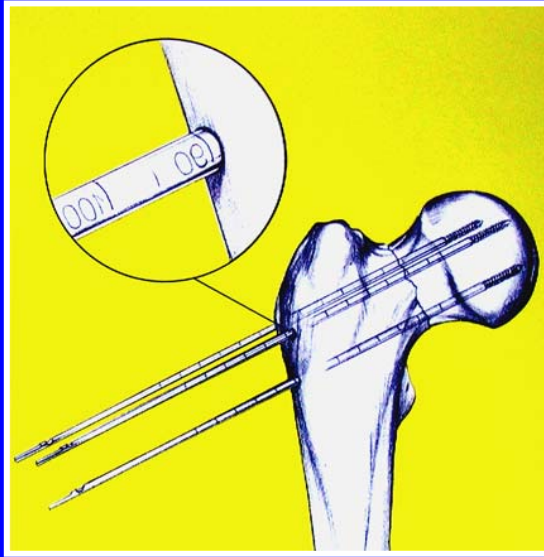
Trattamento con viti



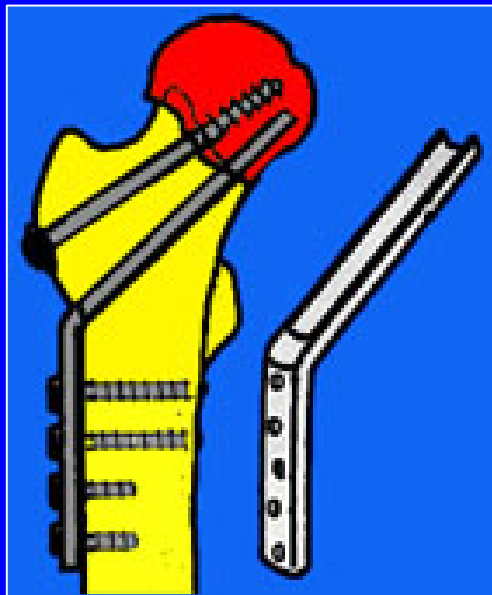
Trattamento chirurgico: riduzione su letto ortopedico



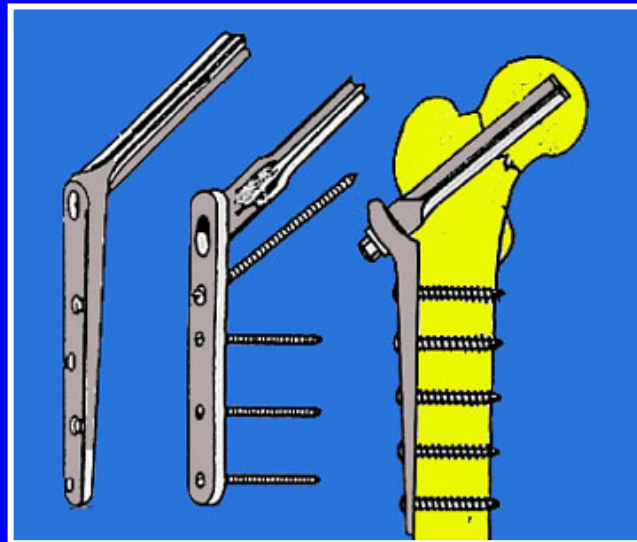
Viti cannulate guidate su fili percutanei



Osteosintesi del collo con chiodo-placca

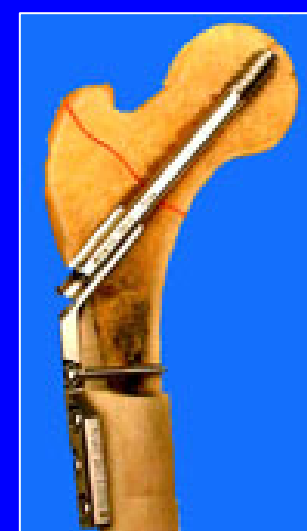
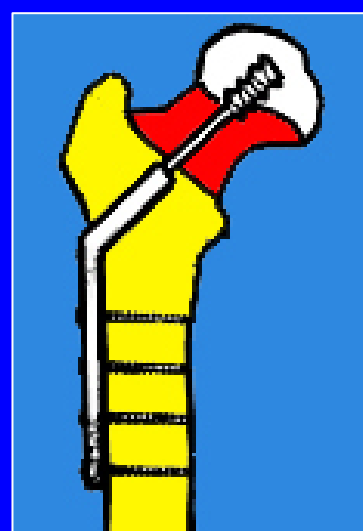


Lama-placca AO

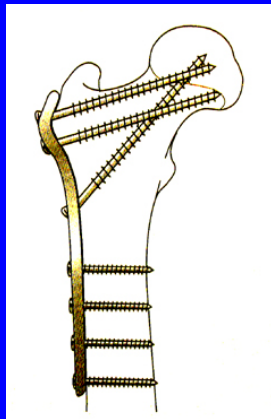
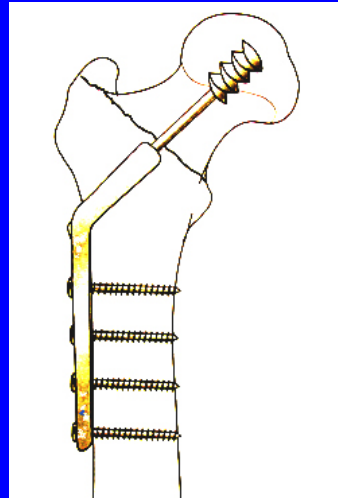
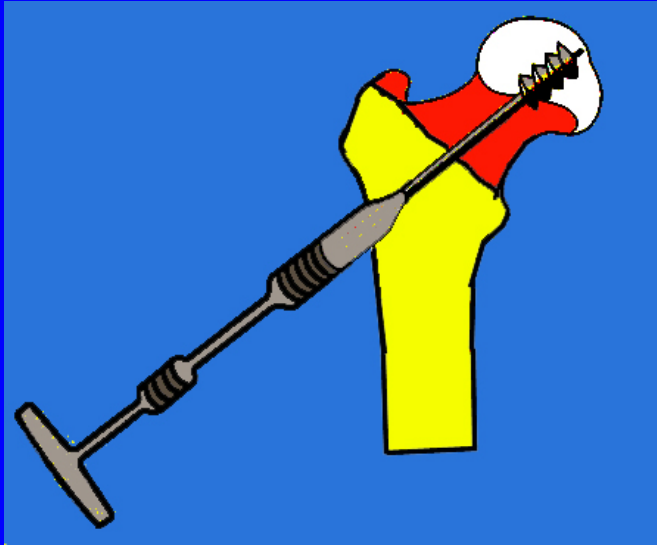


Chiodo-placca

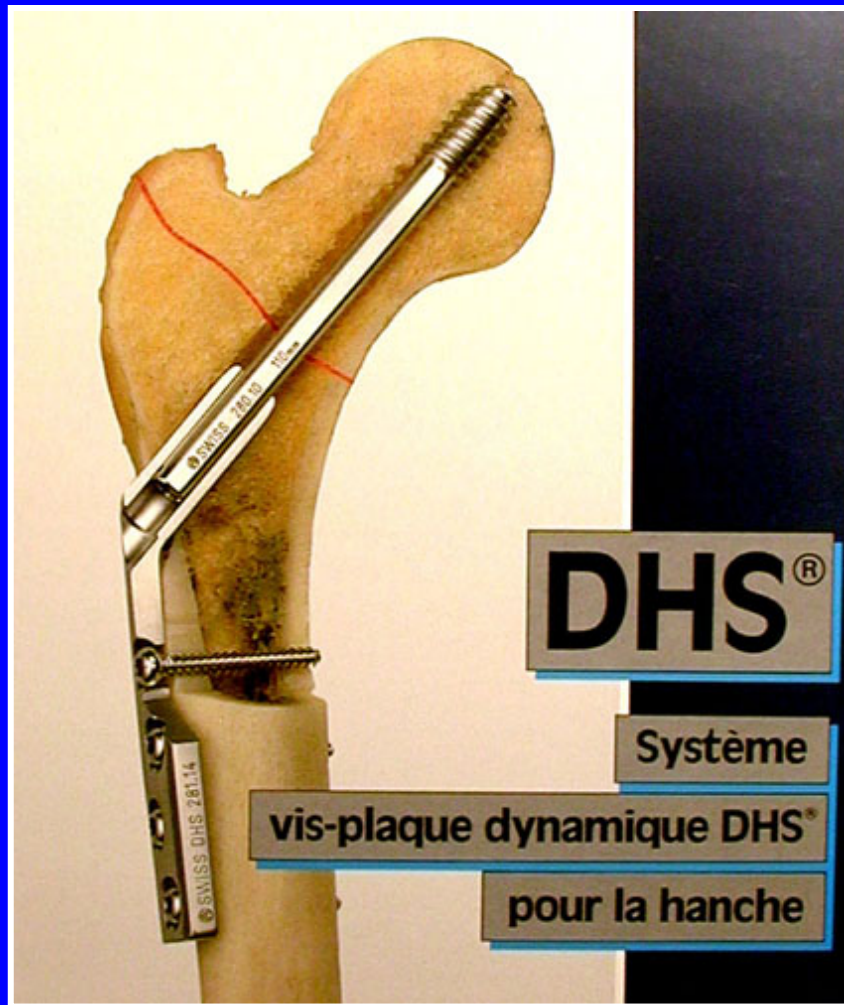
Vite-placca



Vite placca



Vite placca dinamica



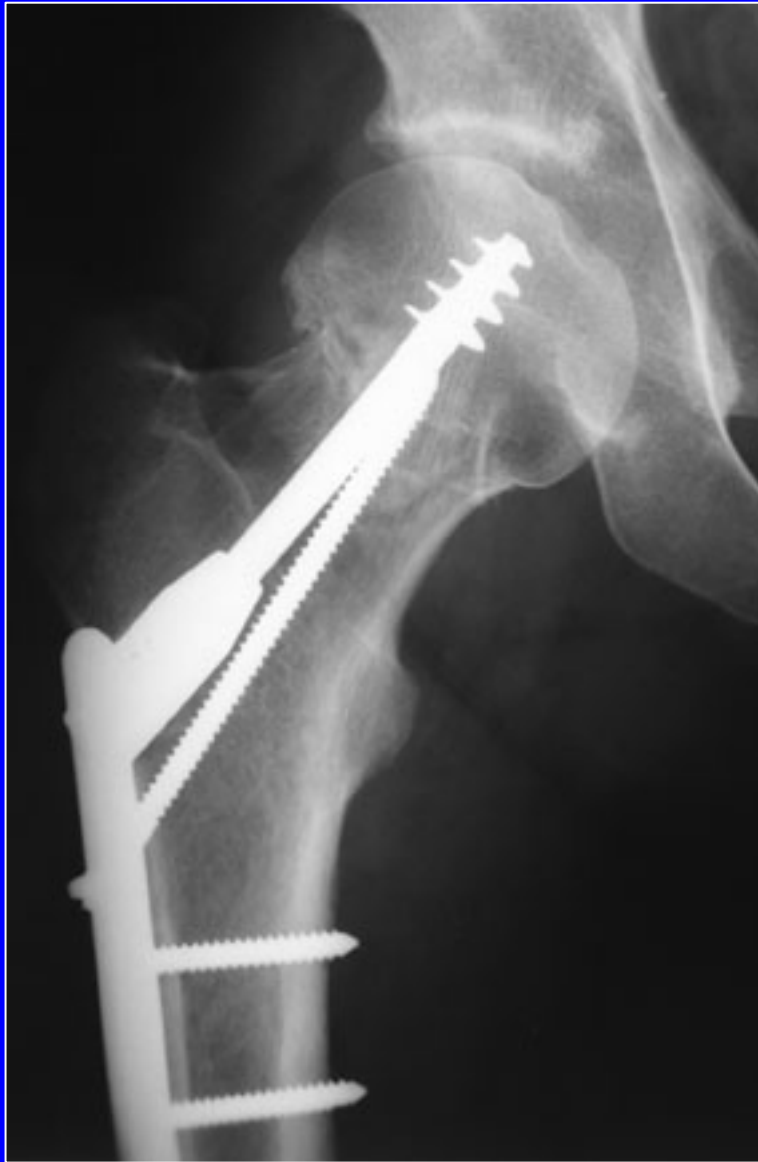
Complicazione dopo osteosintesi del collo

- **Necrosi cefalica**

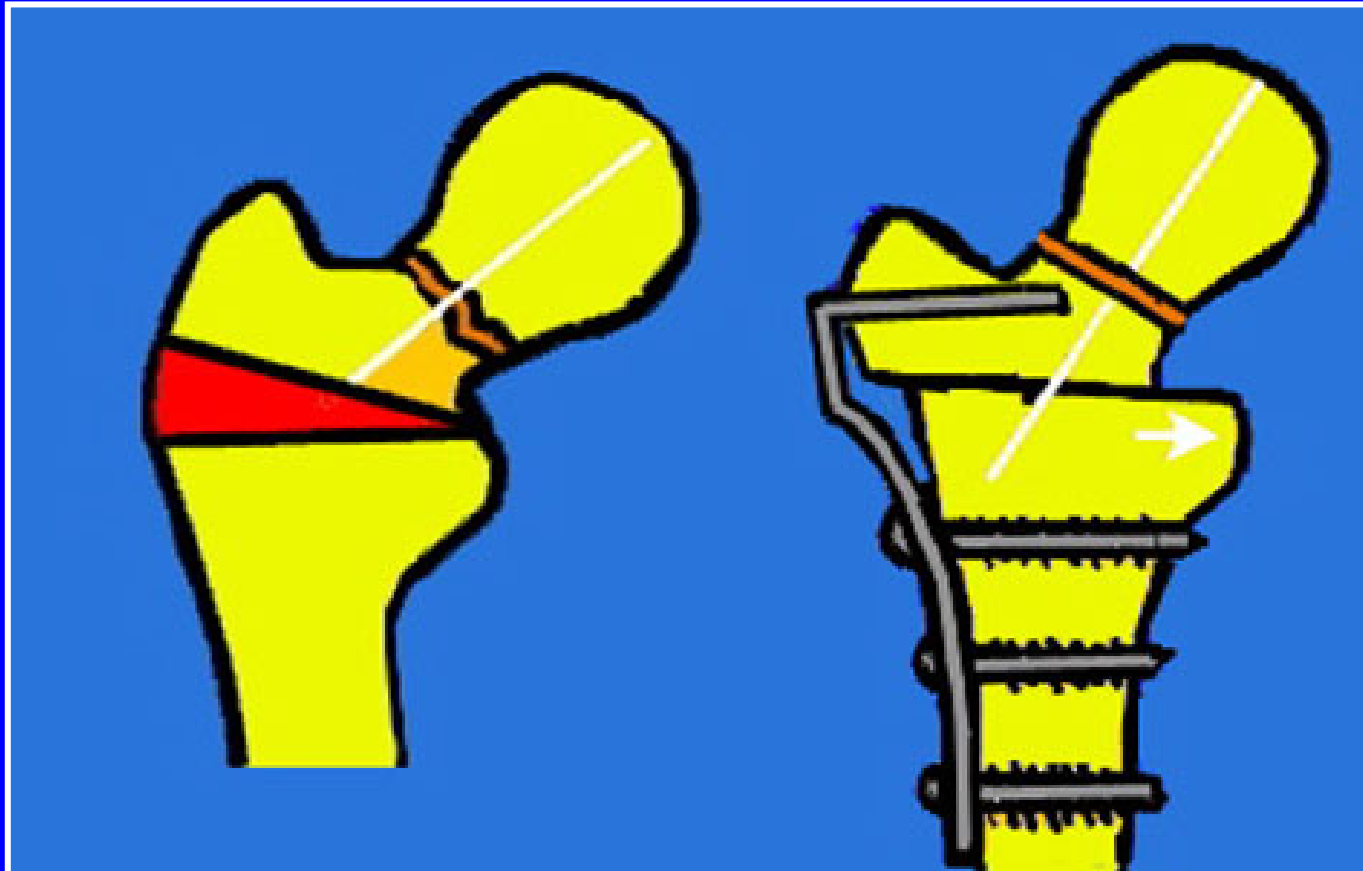


- **Pseudoartrosi**



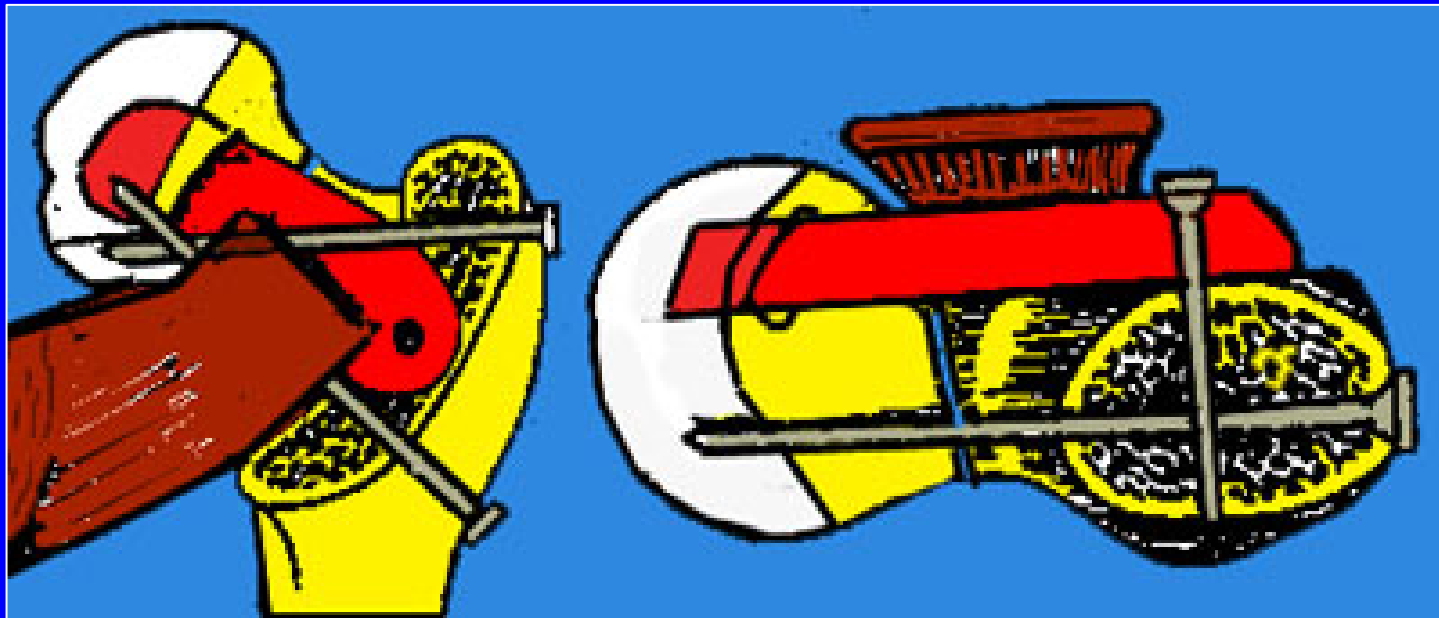


Trattamento delle pseudoartrosi del collo femorale ni giovani



Osteotomia inter-trocanterica di valgizzazione allo scopo di orizzontalizzare la zona di pseudoartrosi ($\pm$ trapianto osseo)

Trattamento delle pseudoartrosi del collo femorale ni giovani



Trapianto pediculato : Judet)



coxa valga : coxarthrosi

Protesi femorali

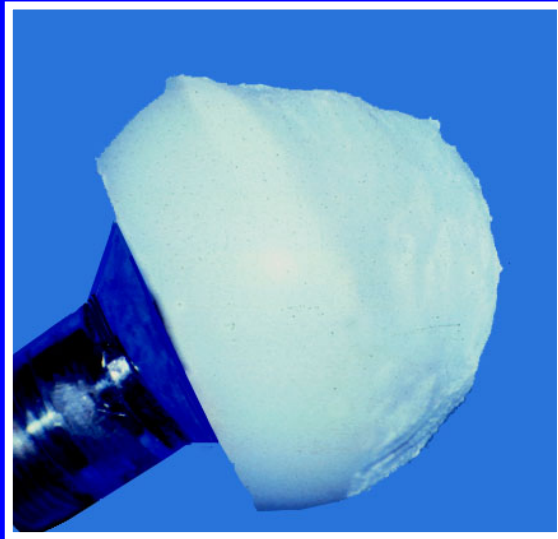


Thompson

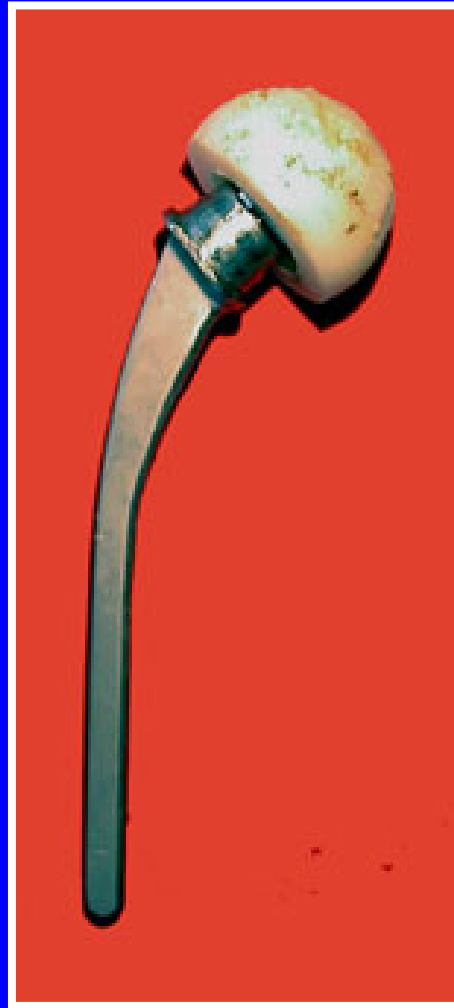


Moore

Protesi femorali biarticolari



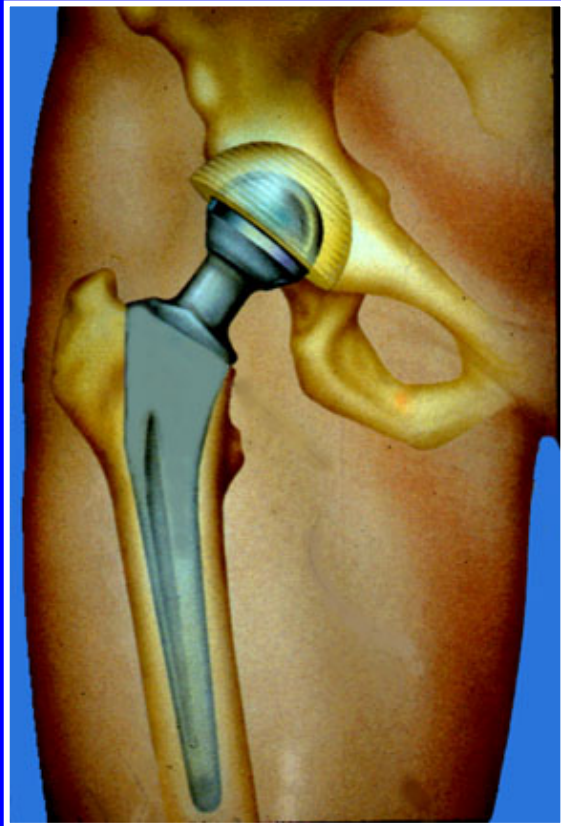
Testa in polietilene



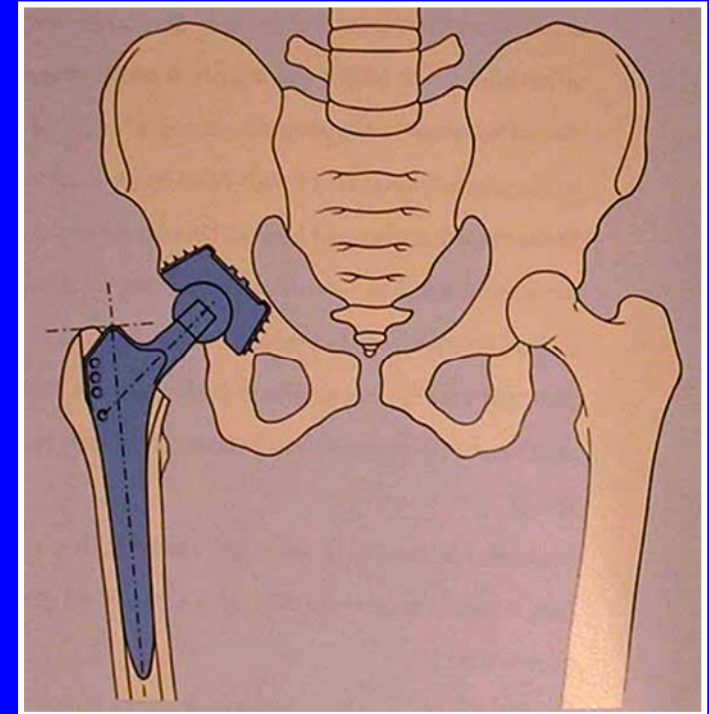
Cupola blindata(blindées)

Protesi totale dell'anca

utilizzata sia su fratture sia nelle coxartrosi



1 stelo nel femore

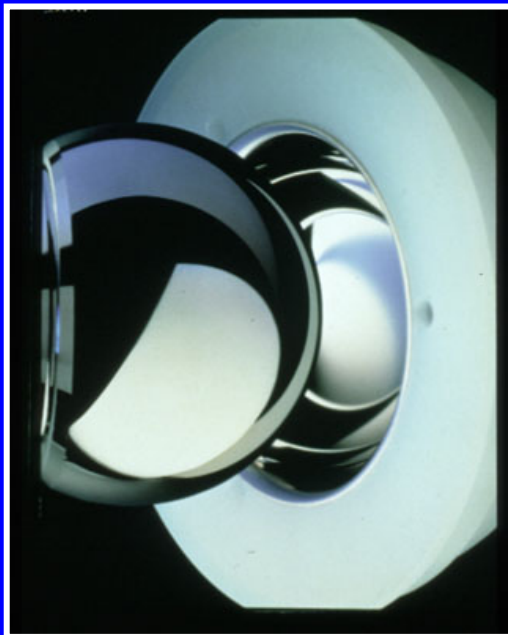


1 cupola nel cotile

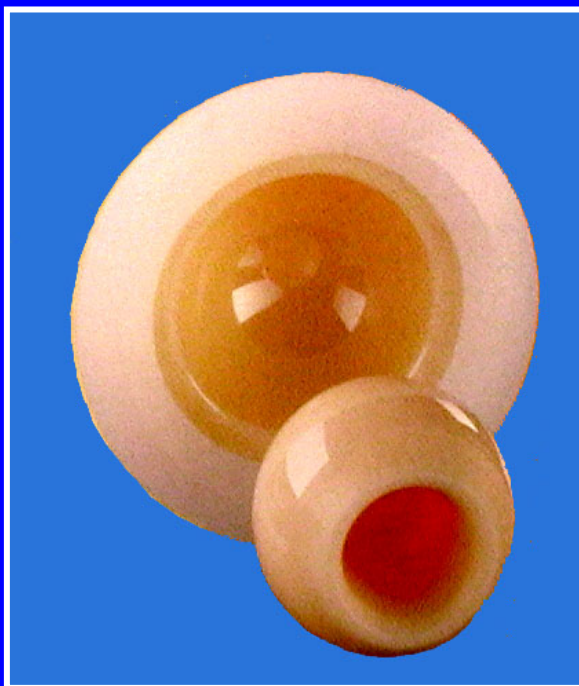
Cementate e non



Miglioramenti delle cupole a scivolamento



Metasul

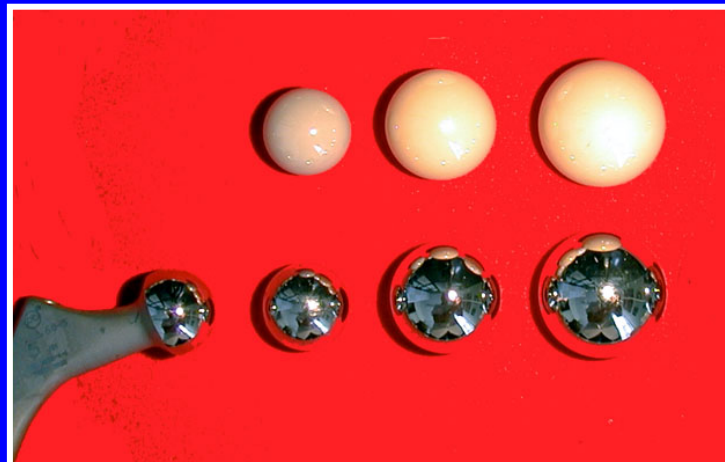
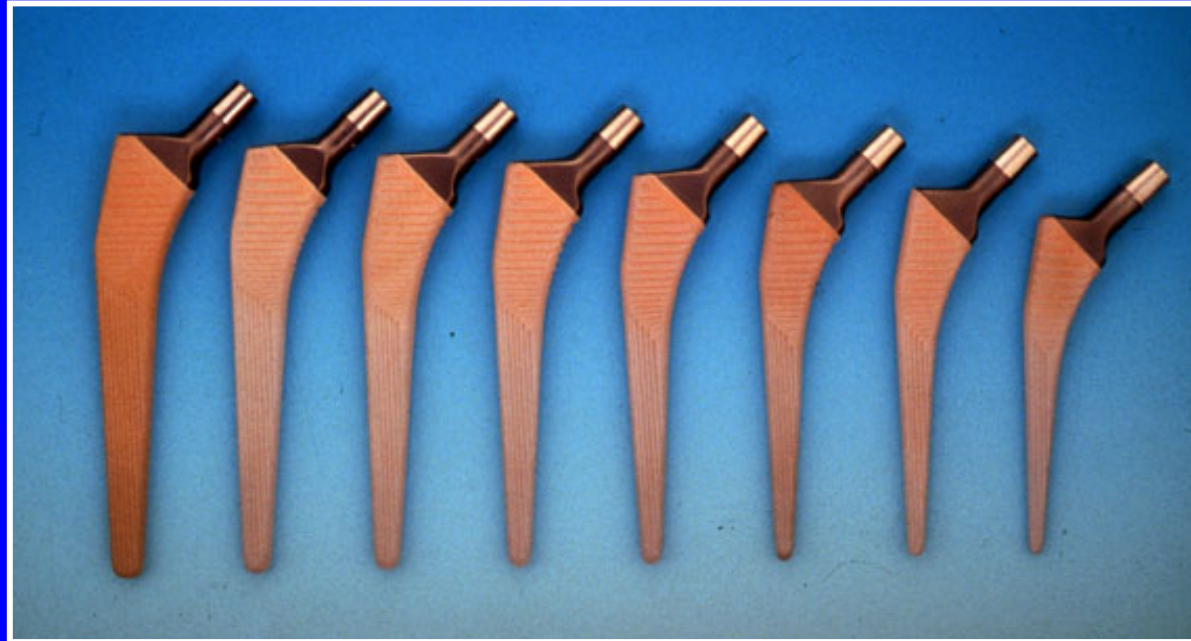


Alluminio

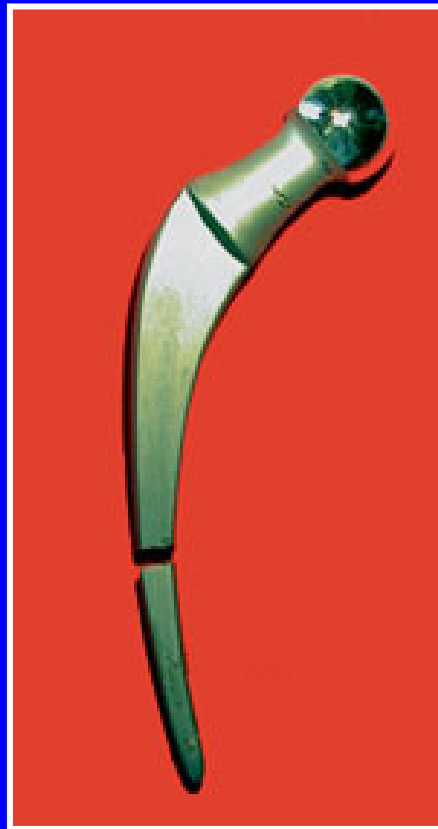


Zircone

Gamma di protesi di tutte le taglie



Complicazioni delle protesi



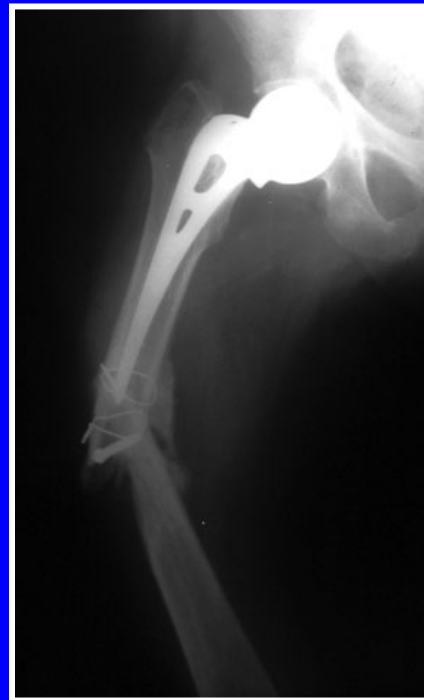
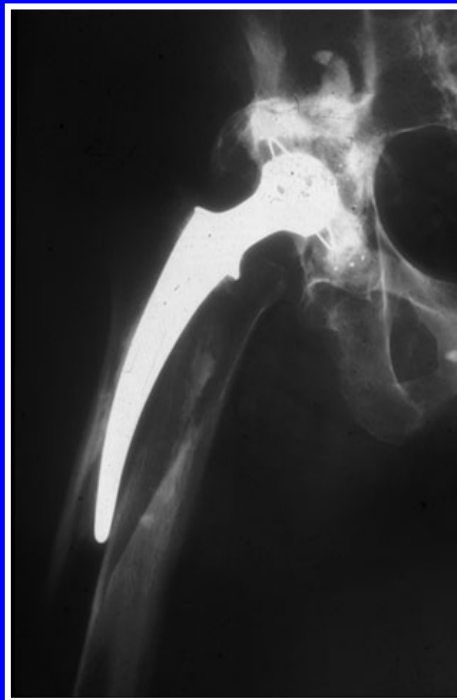
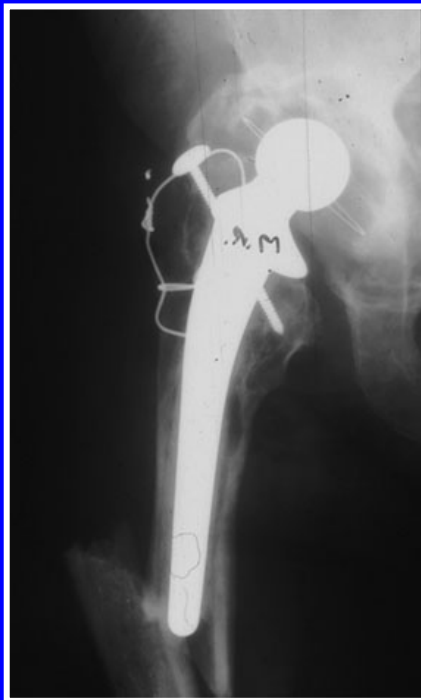
Fratture dello stelo o del collo

Complicazioni delle protesi



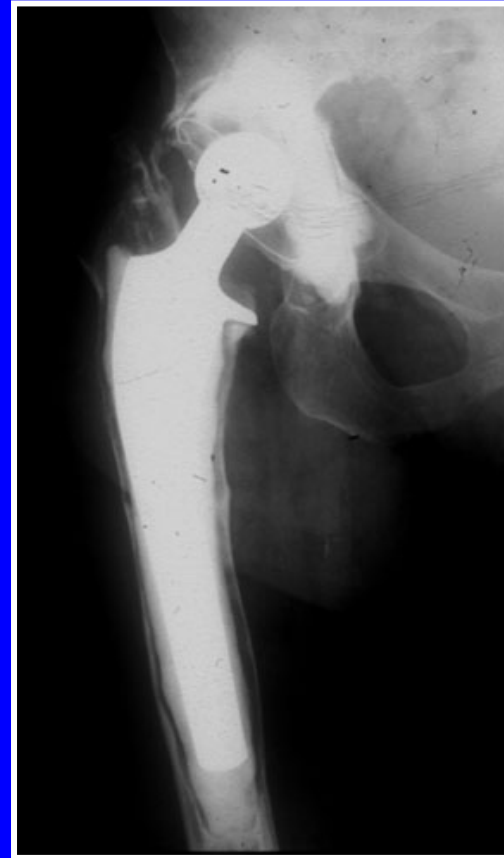
Usura metallo-polietilene

Complicazioni delle protesi



Fratture a livello dello stelo

Complicazioni delle protesi



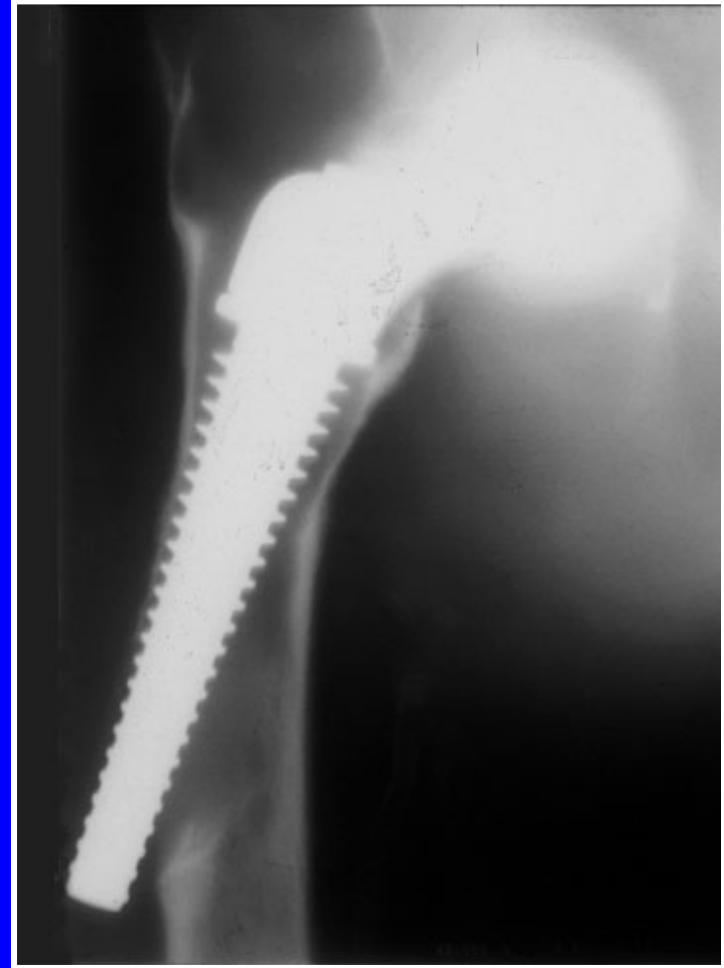
Scollamento dello stelo

Complicazioni delle protesi



Scollamento femorale

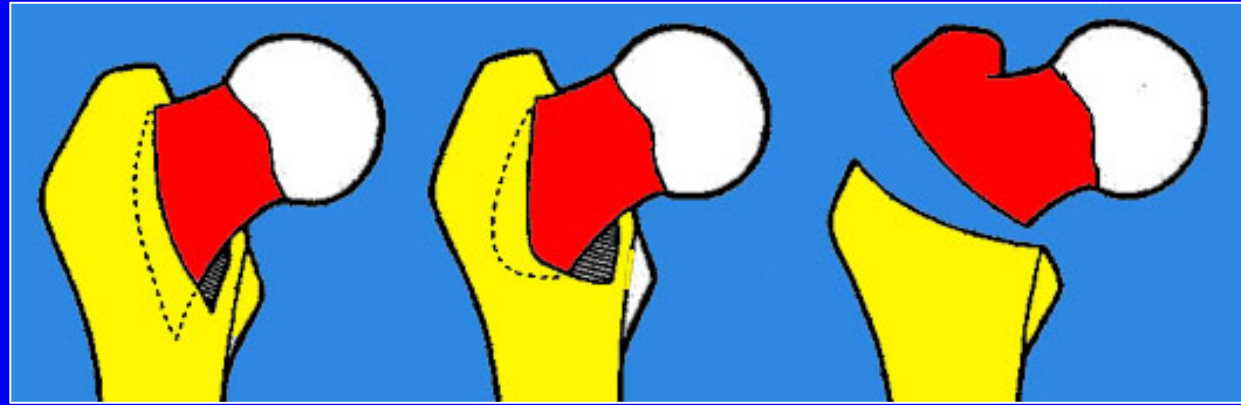
Complicazioni delle protesi



Migrazione

FRATTURE TROCANTERICHE





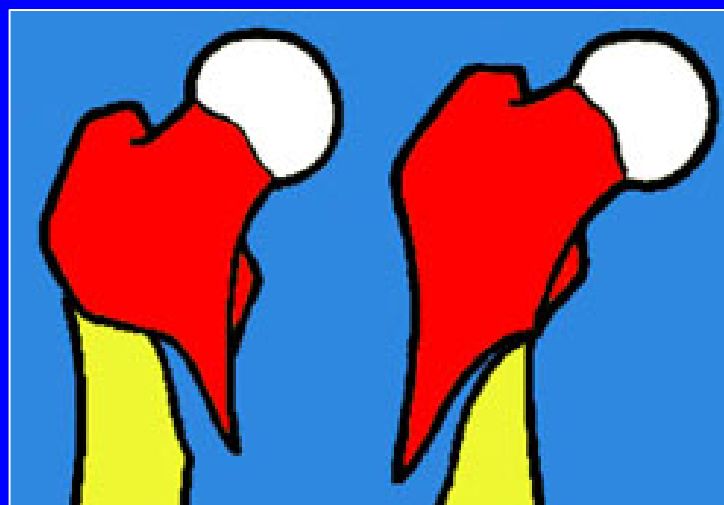
Fratture cervico-trocanteriche



Fratture per-trocanteriche complesse



Fratture trocantero-diafisarie

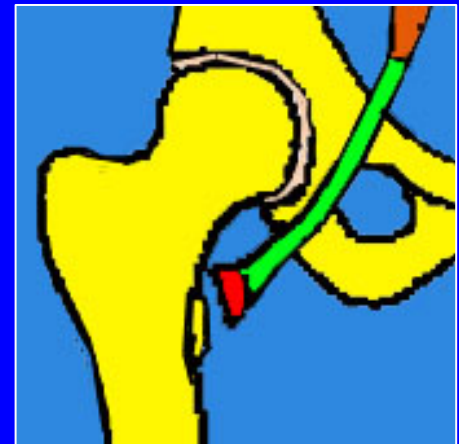
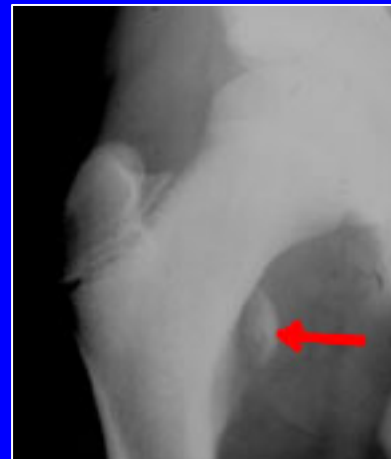


Fratture sotto-trocanteriche

Fratture parcellari

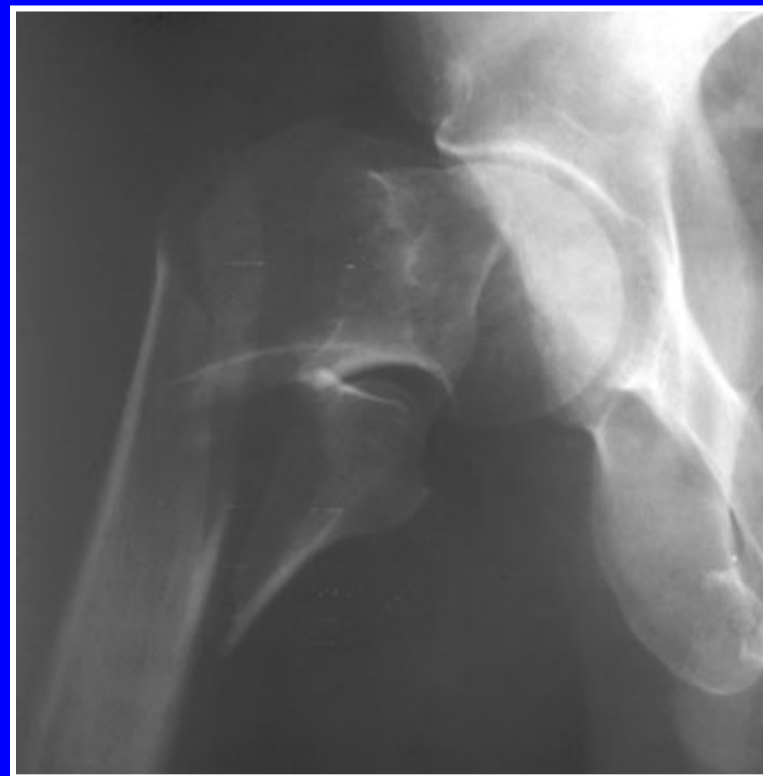


Grande trocantere



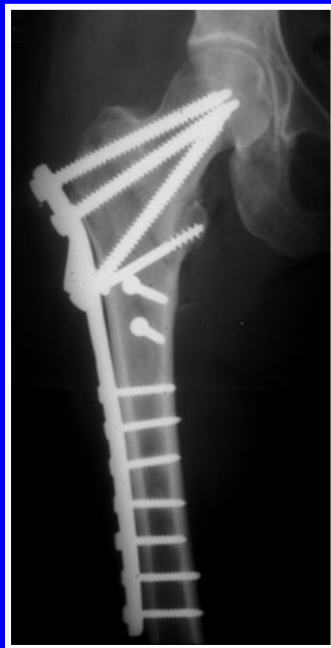
Piccolo trocantere

Fratture trocanteriche

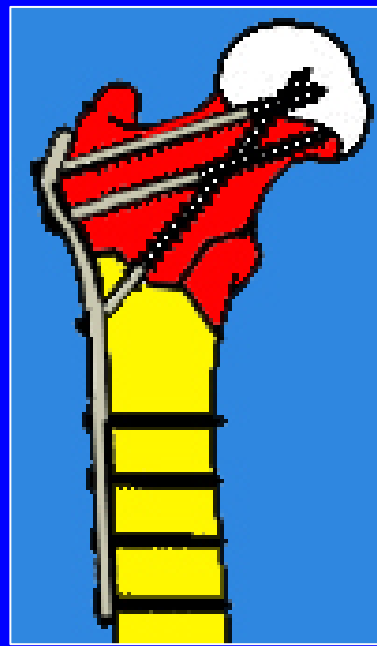


Trattamento delle fratture trocanteriche

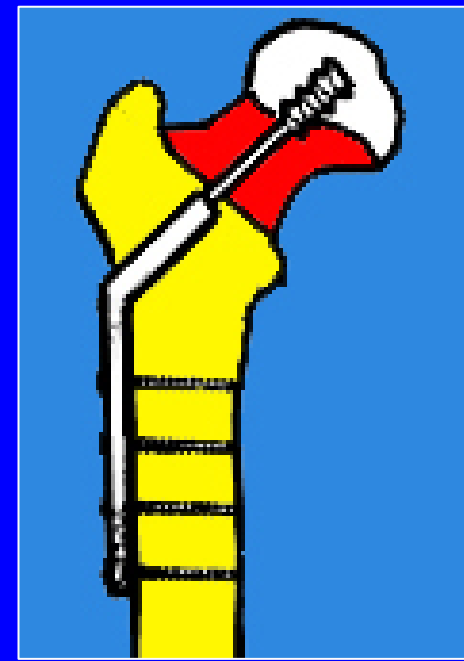
- **Vite-placca di Judet**
(Adulti fino a 65 anni)



Judet

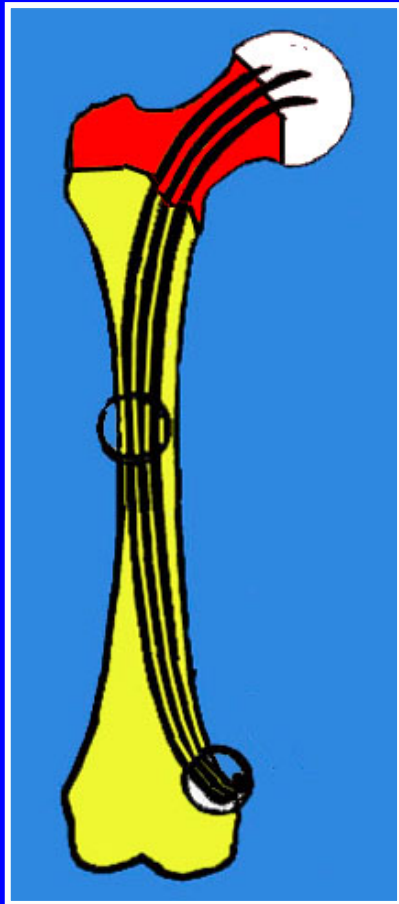


Chiron



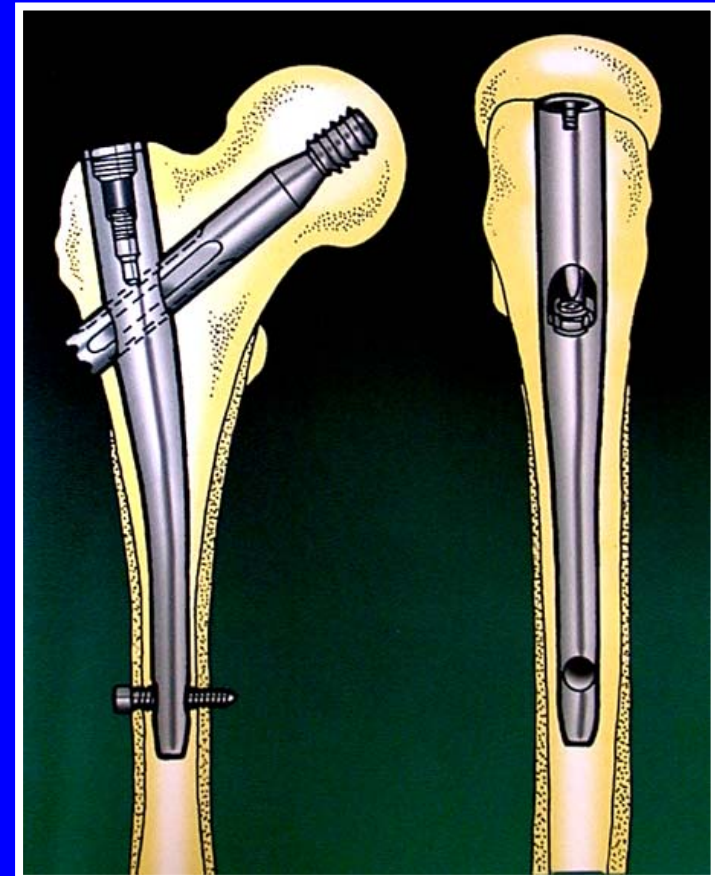
Vitte placca dinamica

Trattamento delle fratture trocanteriche



Chiodi di Ender (anziani)

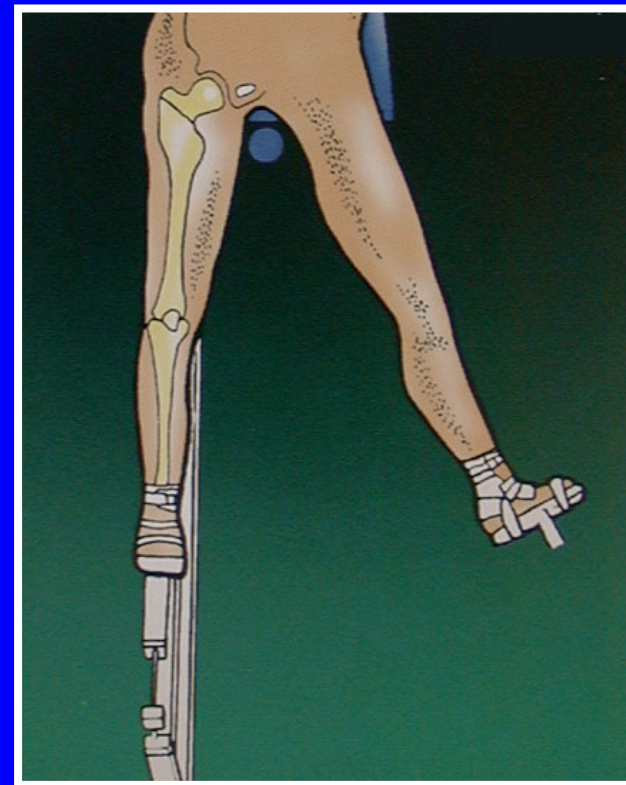
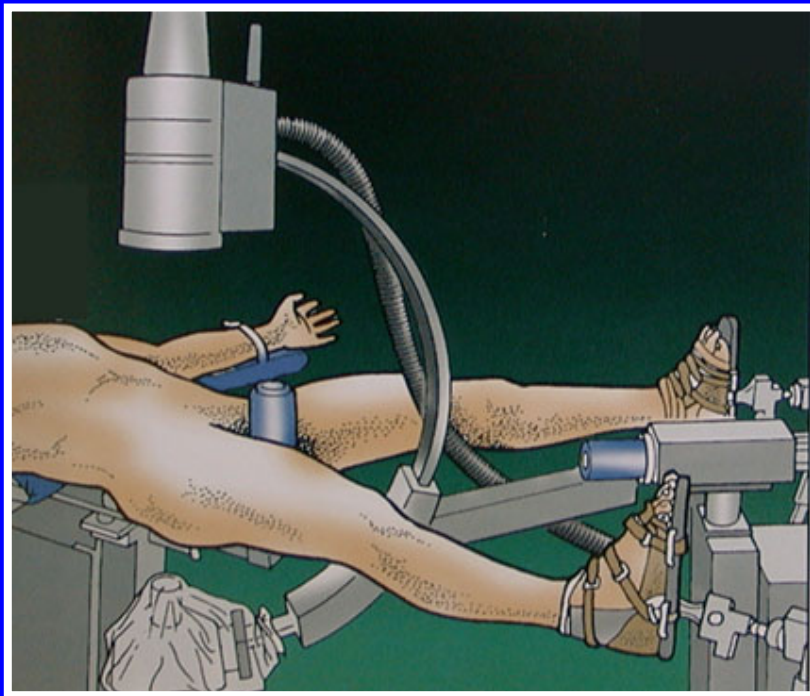
Trattamento delle fratture trocanteriche



Chiodo Gamma

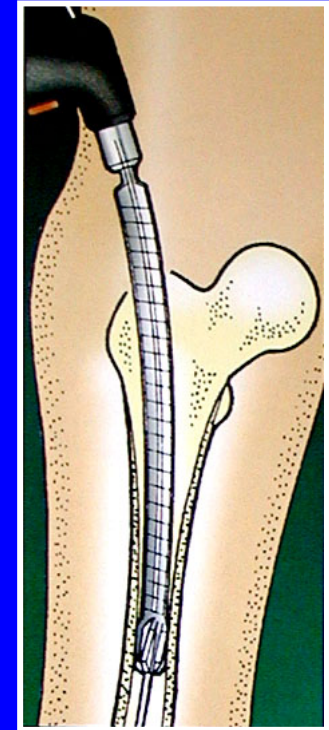
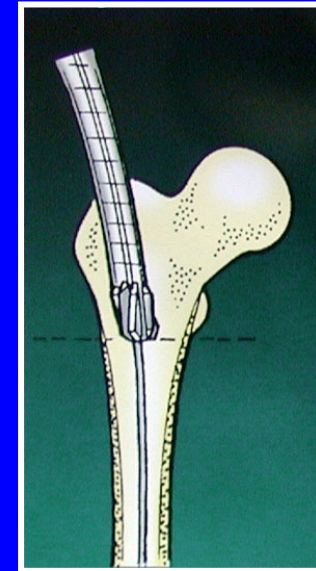
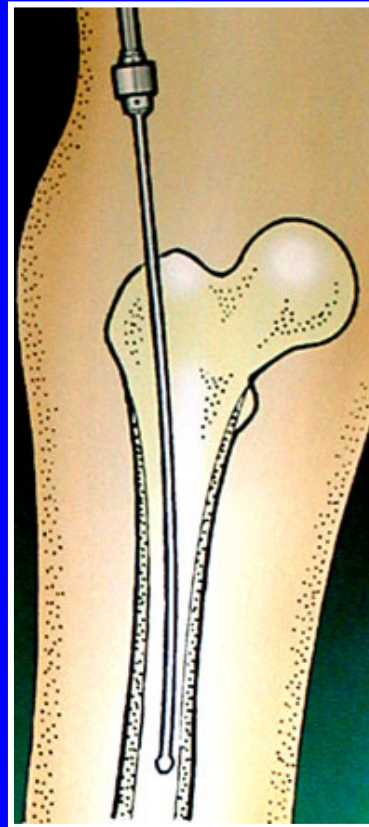
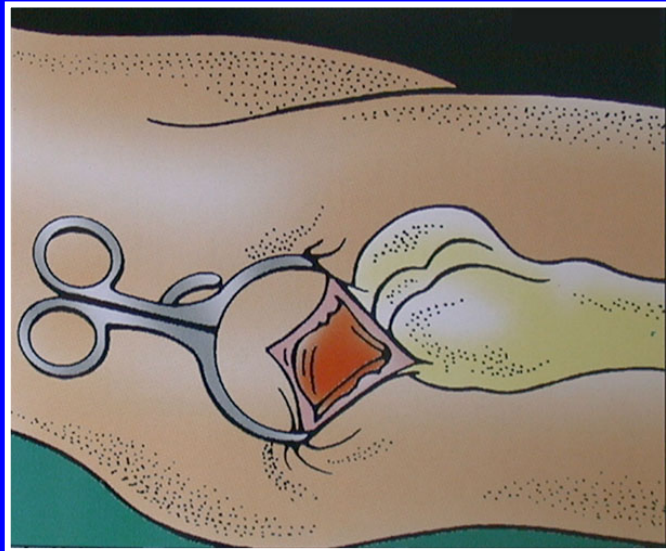
Tecnica del chiodo Gamma

Installazione sul tavolo ortopedico



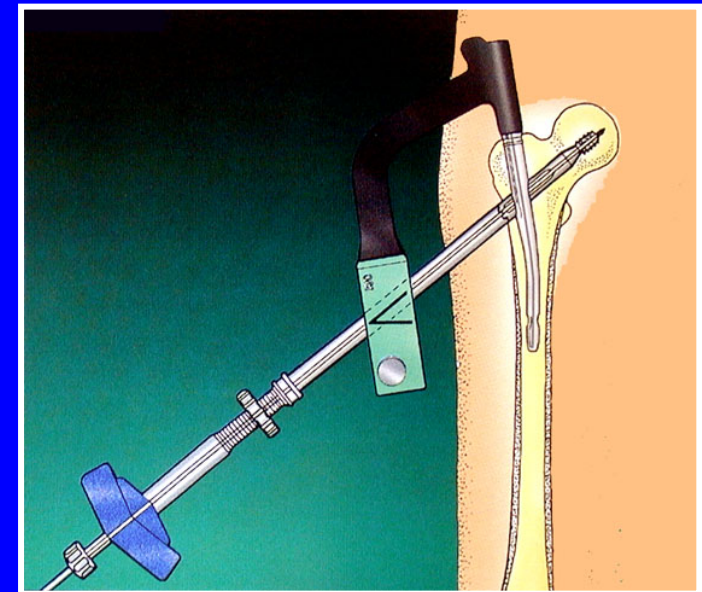
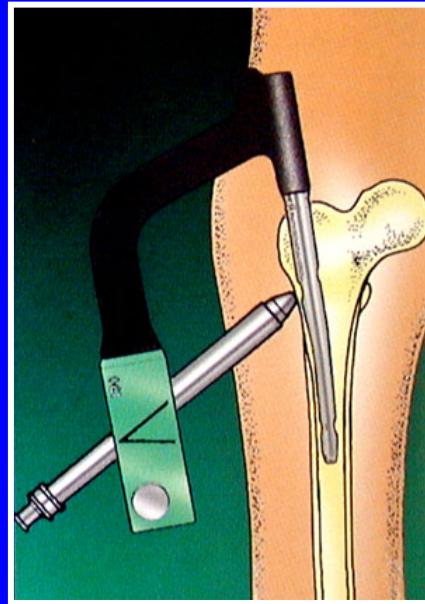
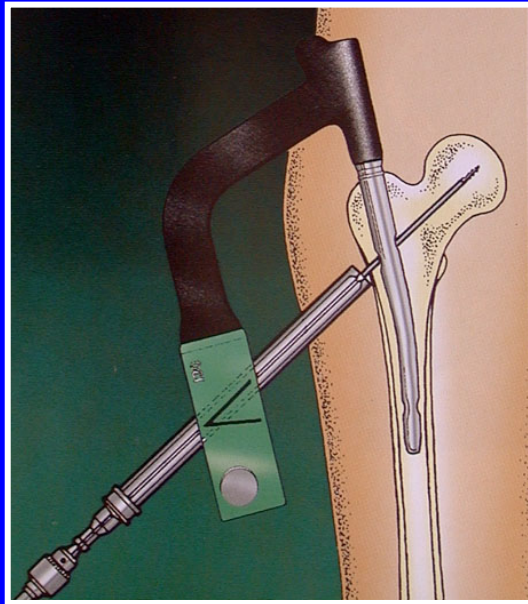
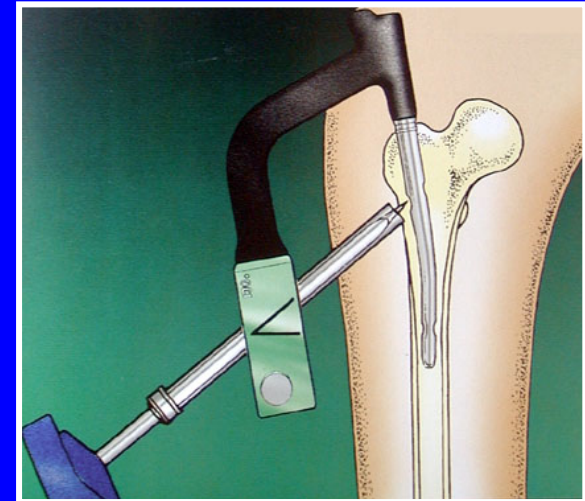
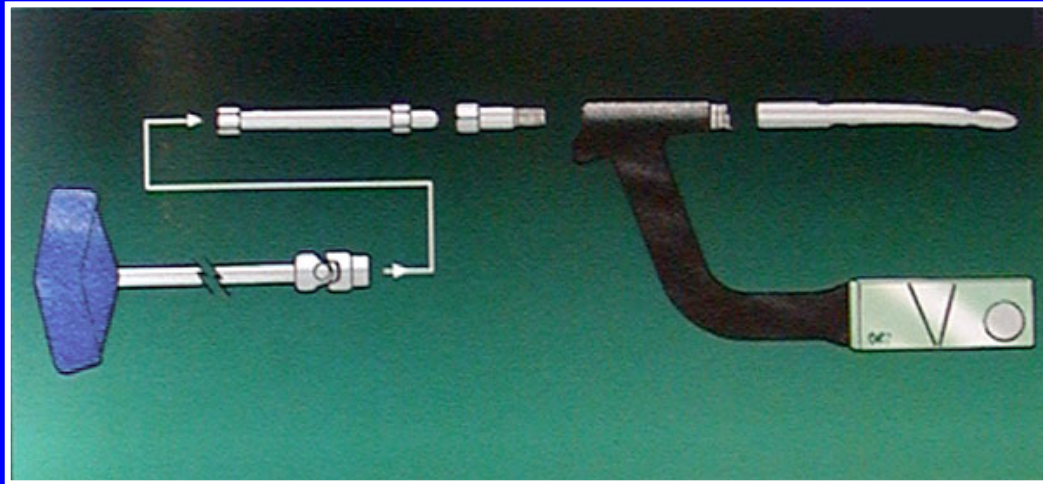
Trazione, riduzione, controllo radioscopico frontale e assiale

Tecnica del chiodo Gamma

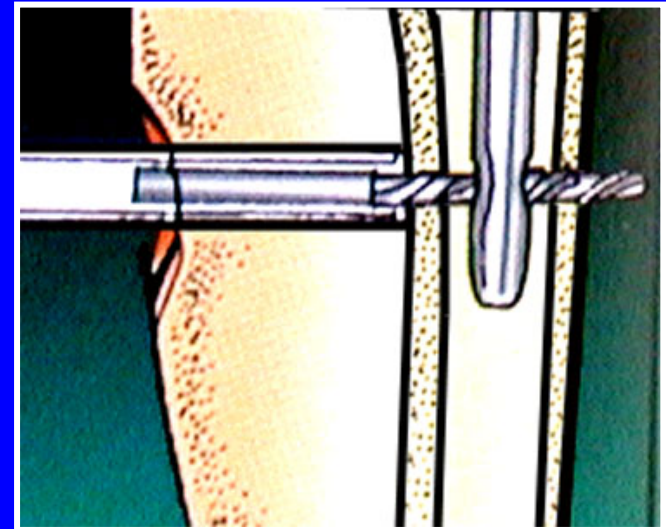
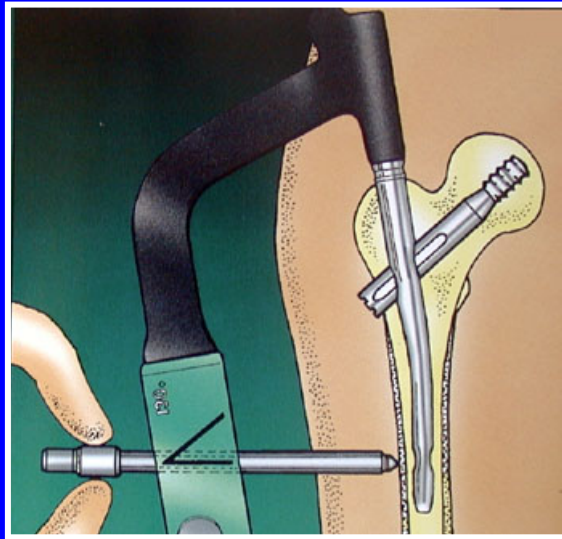
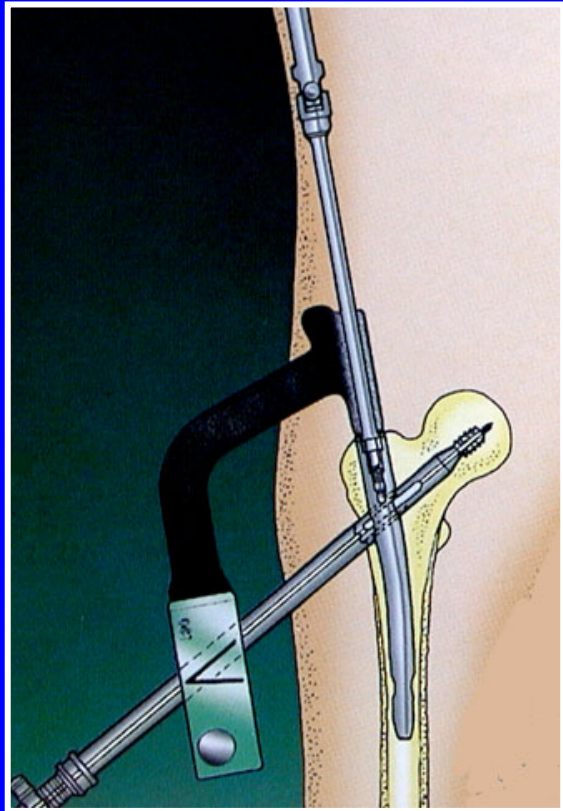


Alesaggio del canale diafisario

Introduzione del chiodo e vite cefalica con guida



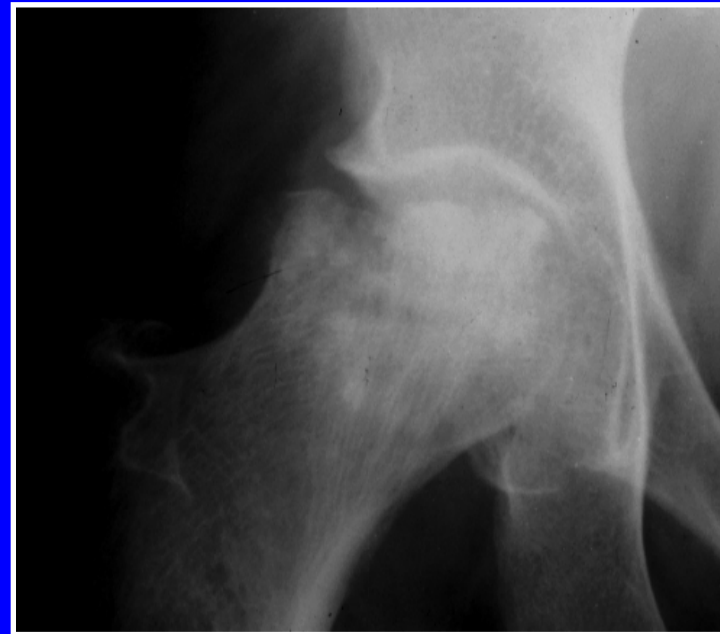
Introduzione e bloccaggio della vite cefalica blocco distale con 1 o 2 viti

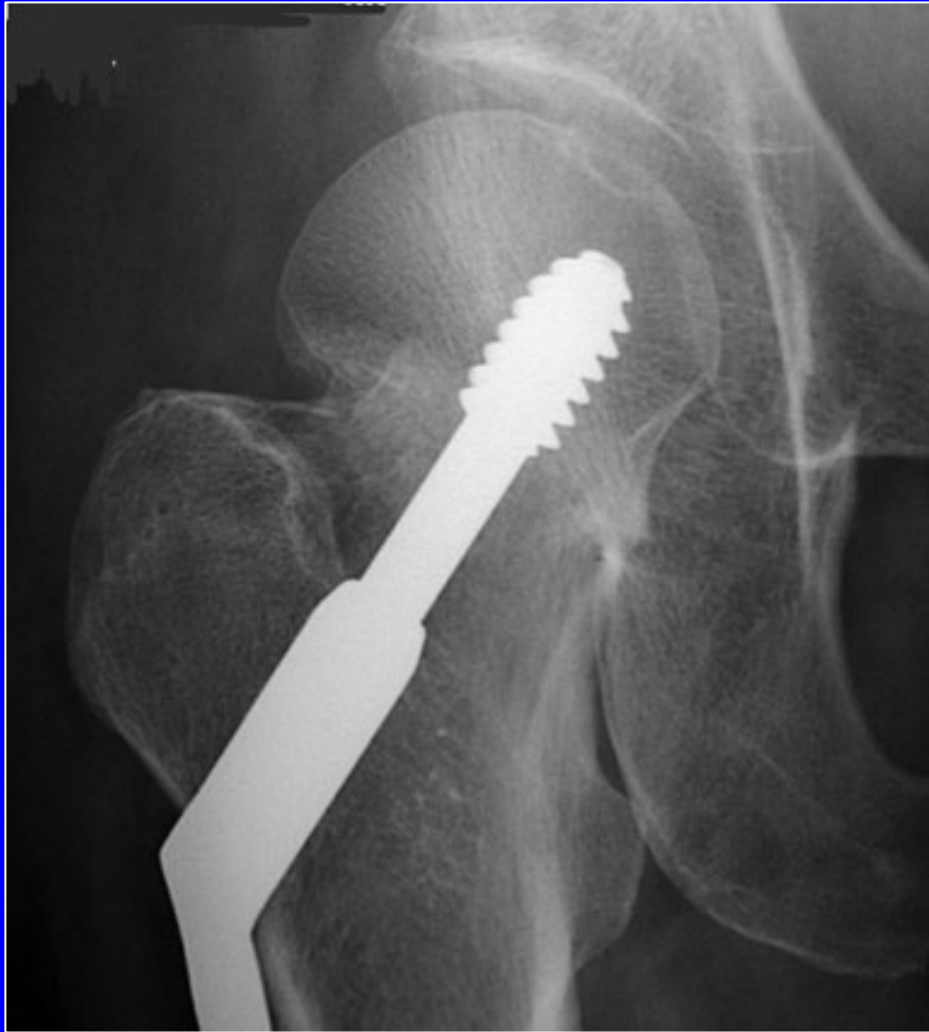


Evoluzione

**Caratterizzata
da rischio di :

Necrosi e
Pseudoartrosi**

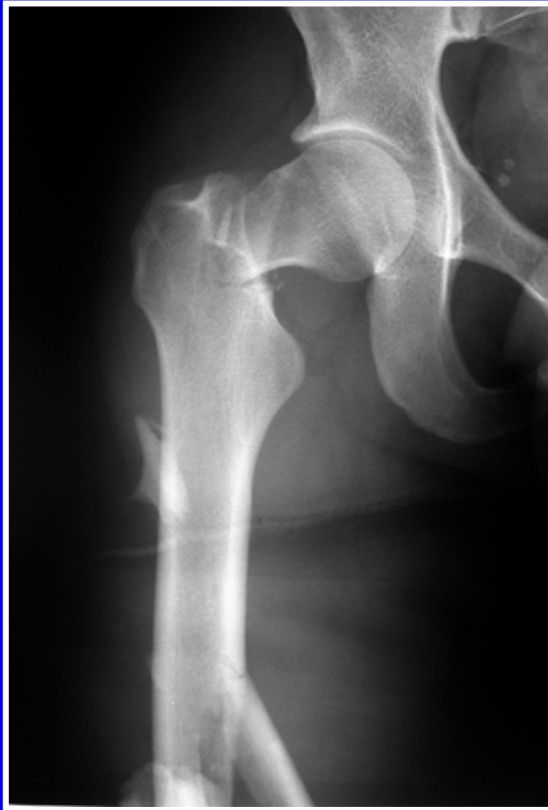




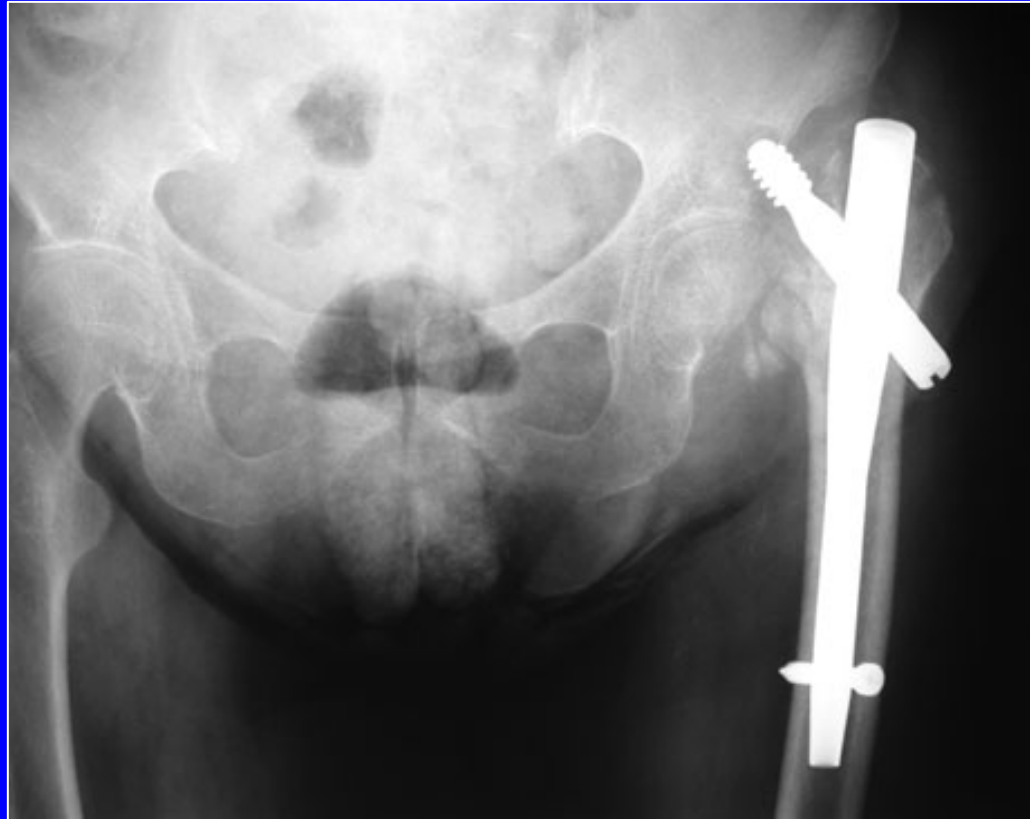


Fratture con coxatosi

Fratture del collo associate a fratture diafisarie

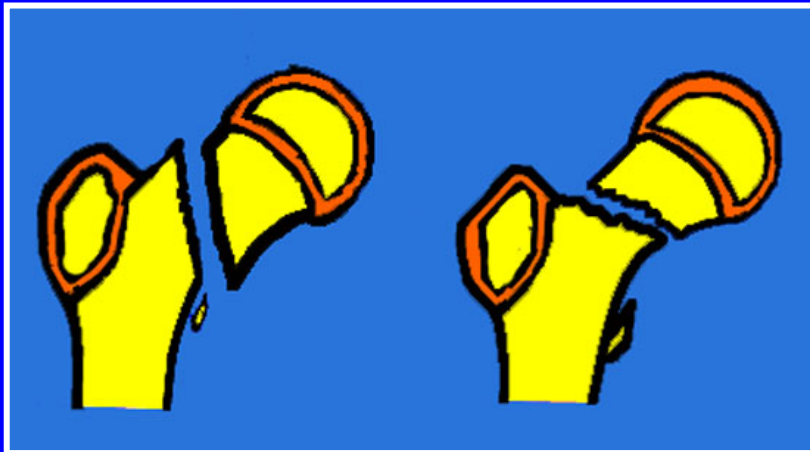




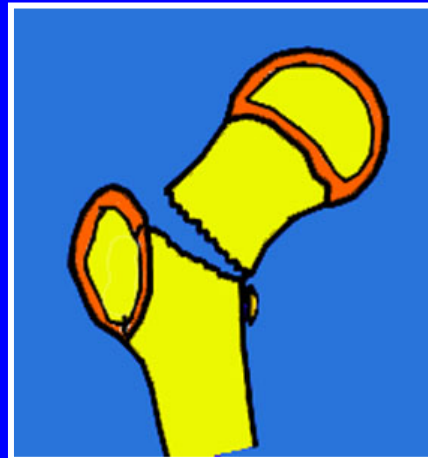




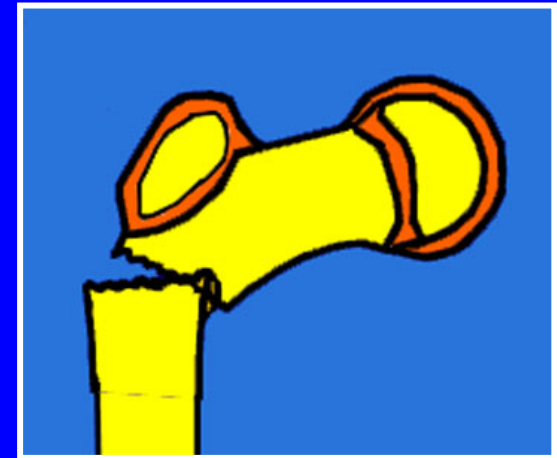
Fratture nei bambini



Frattura cervicale



Basi-cervicale

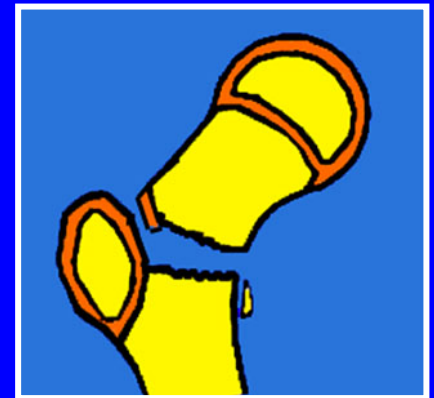


Sotto-trocanterica

Fratture nei bambini



Salter I



Fratture –distacchi epifisari



Salter I