



**PSEUDOARTROSI
DELL'OMERO**

HUMERAL NON-UNION

APPARATO PER OSTEOSINTESI

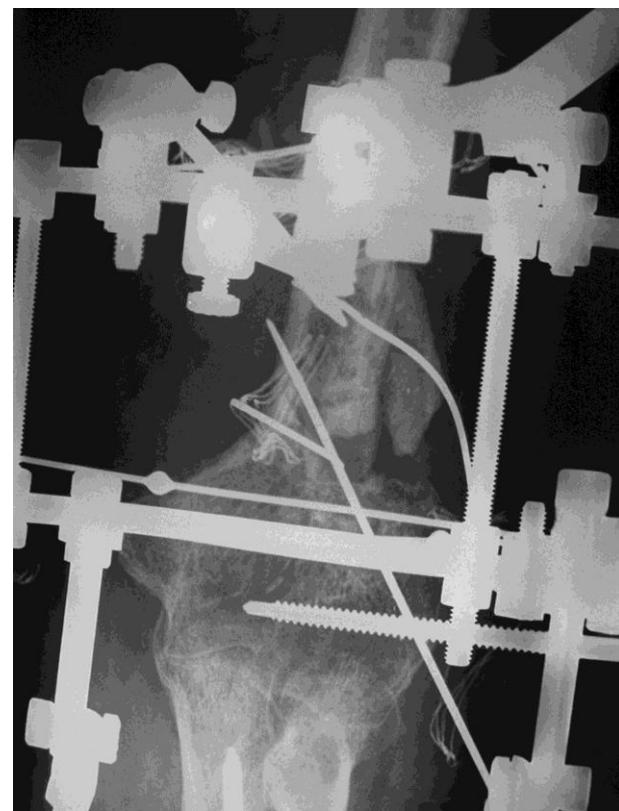
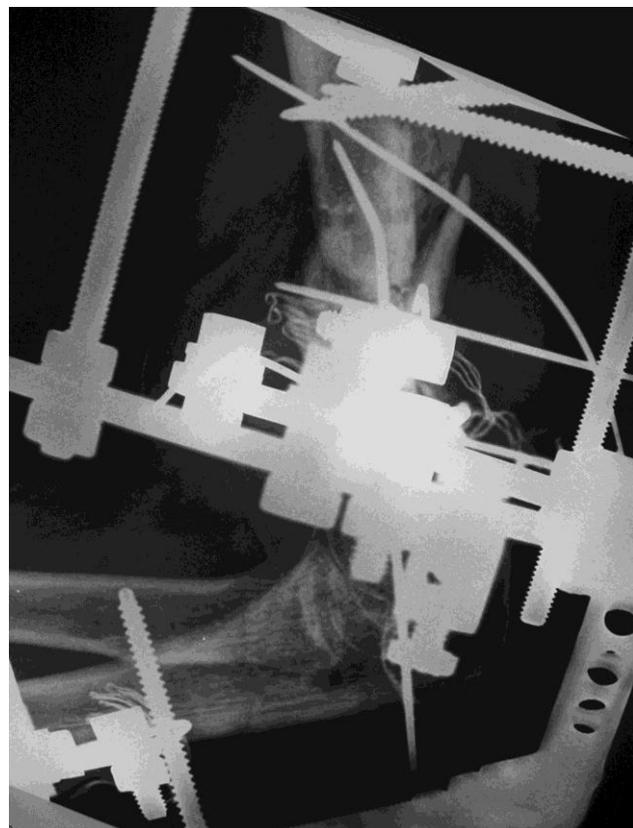
PSEUDOARTROSI

51 anni, M

Pattern di frattura complesso

DISTALE



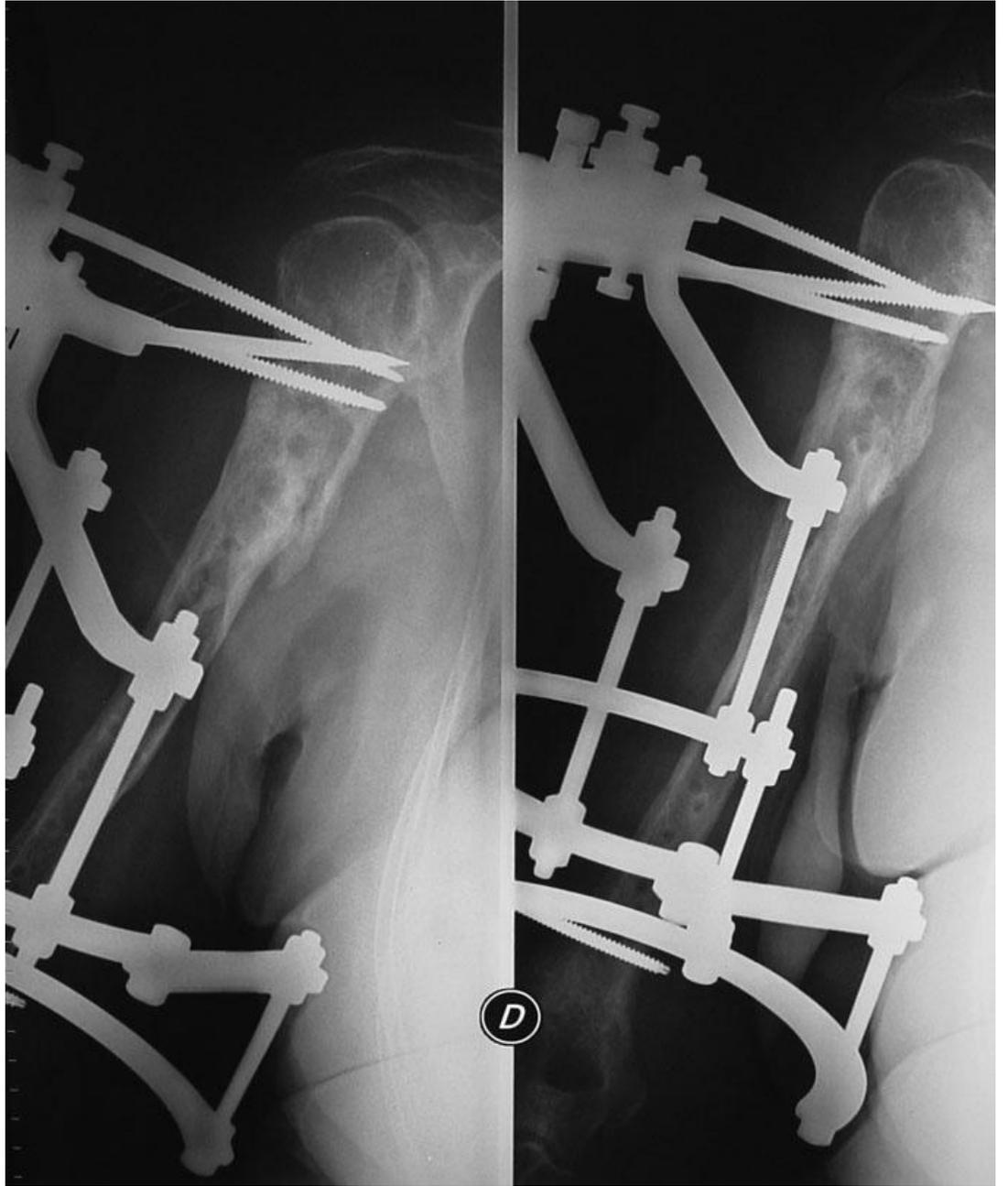
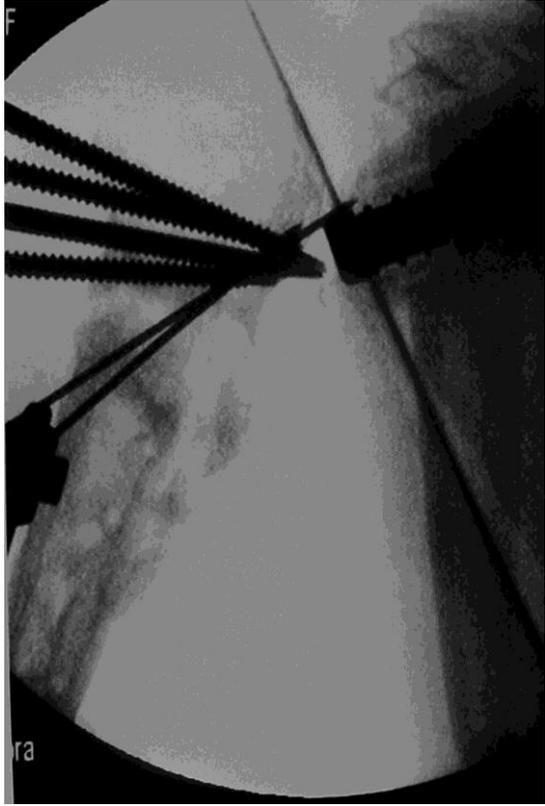


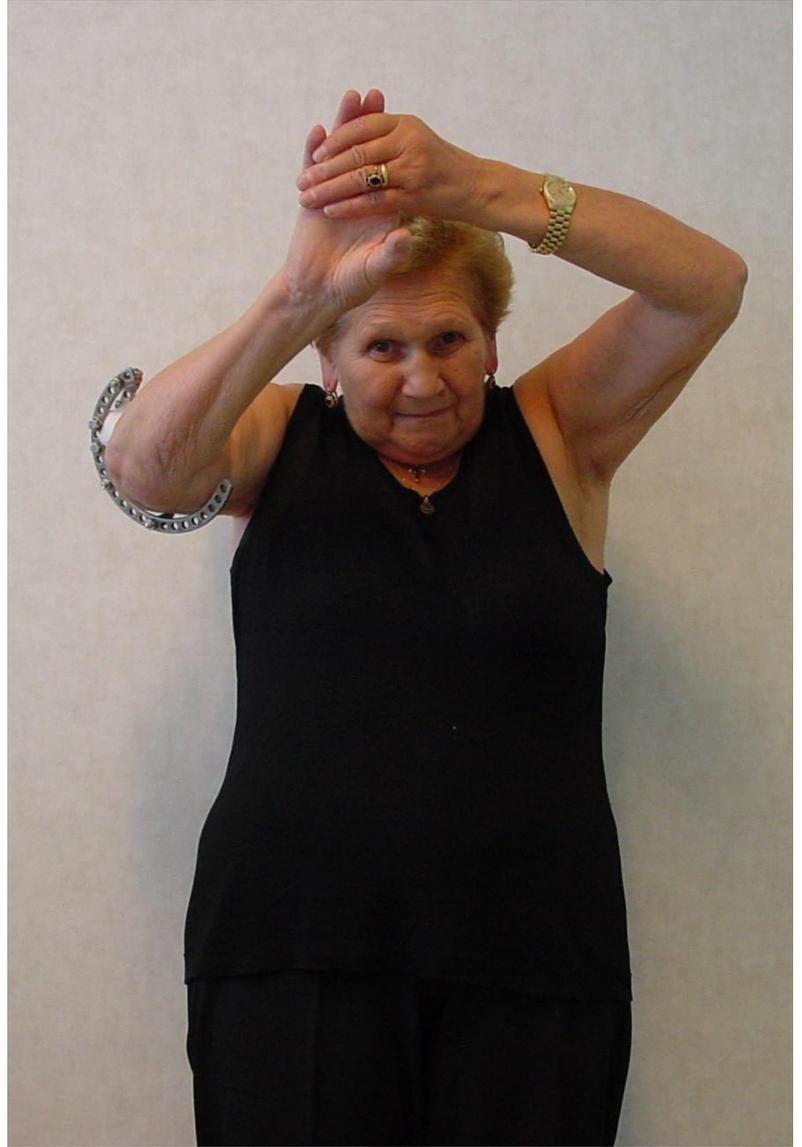
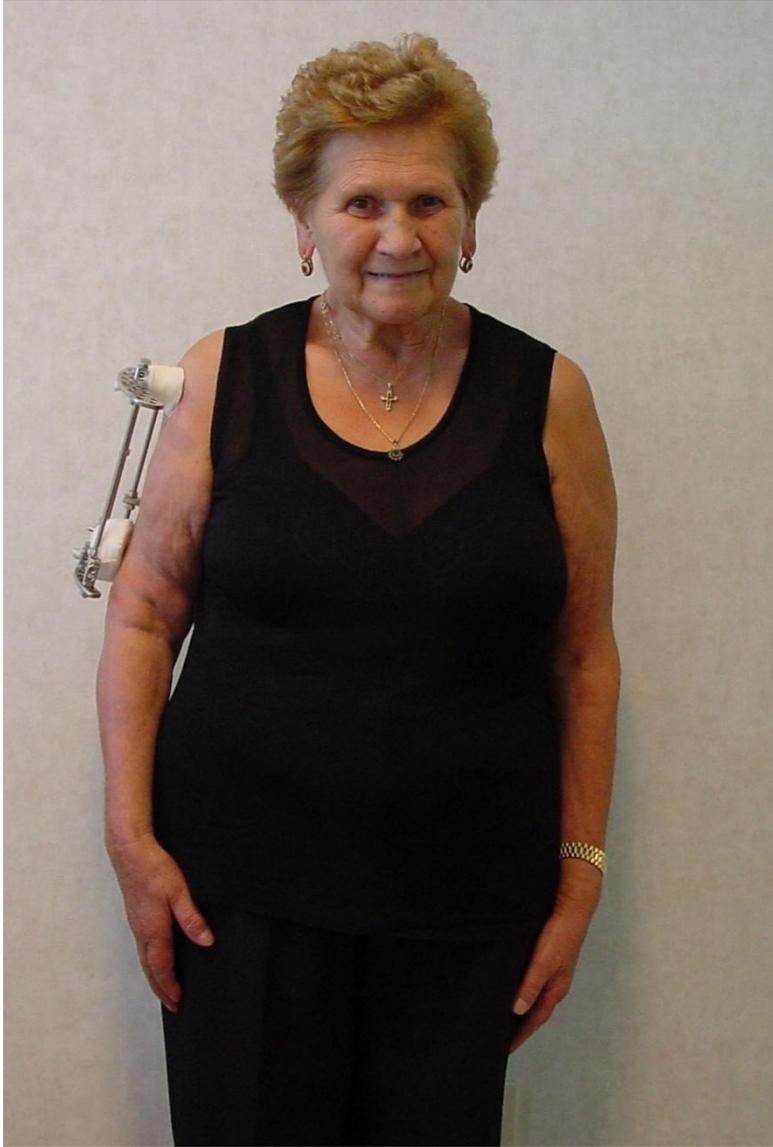


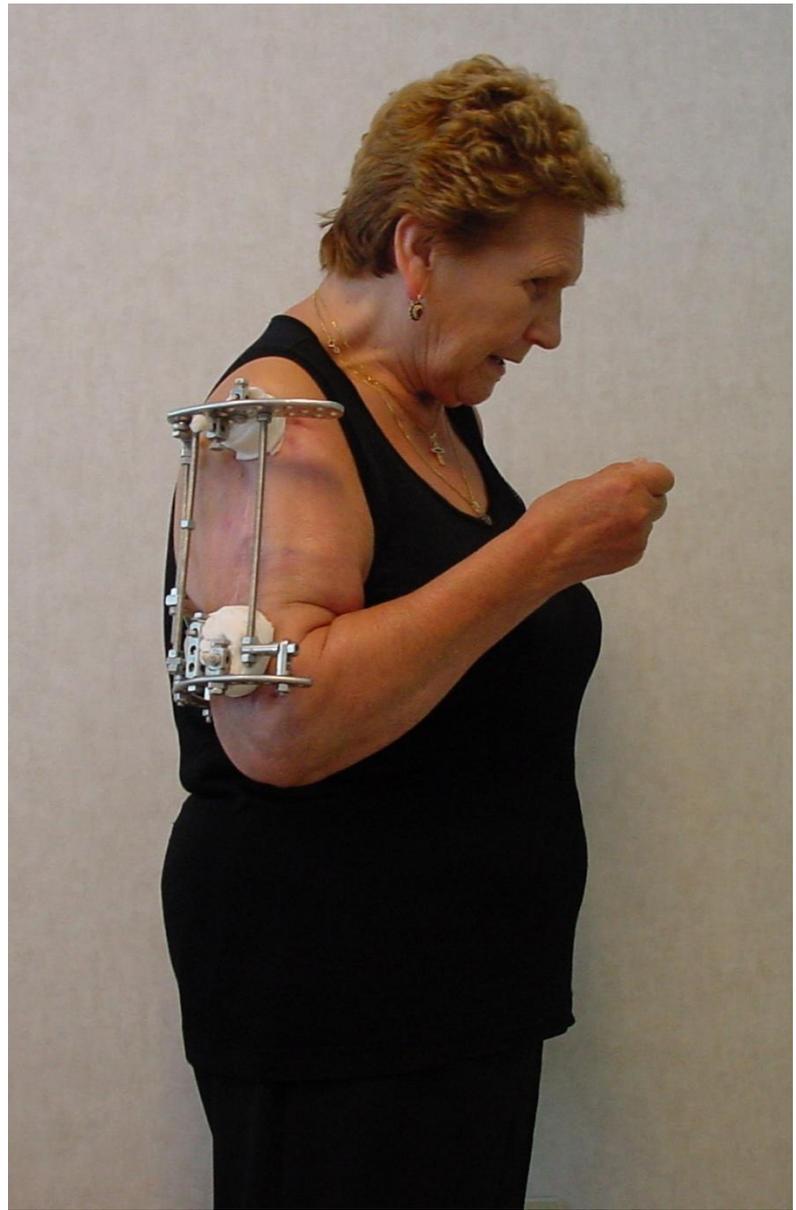
APPARATO PER OSTEOSINTESI

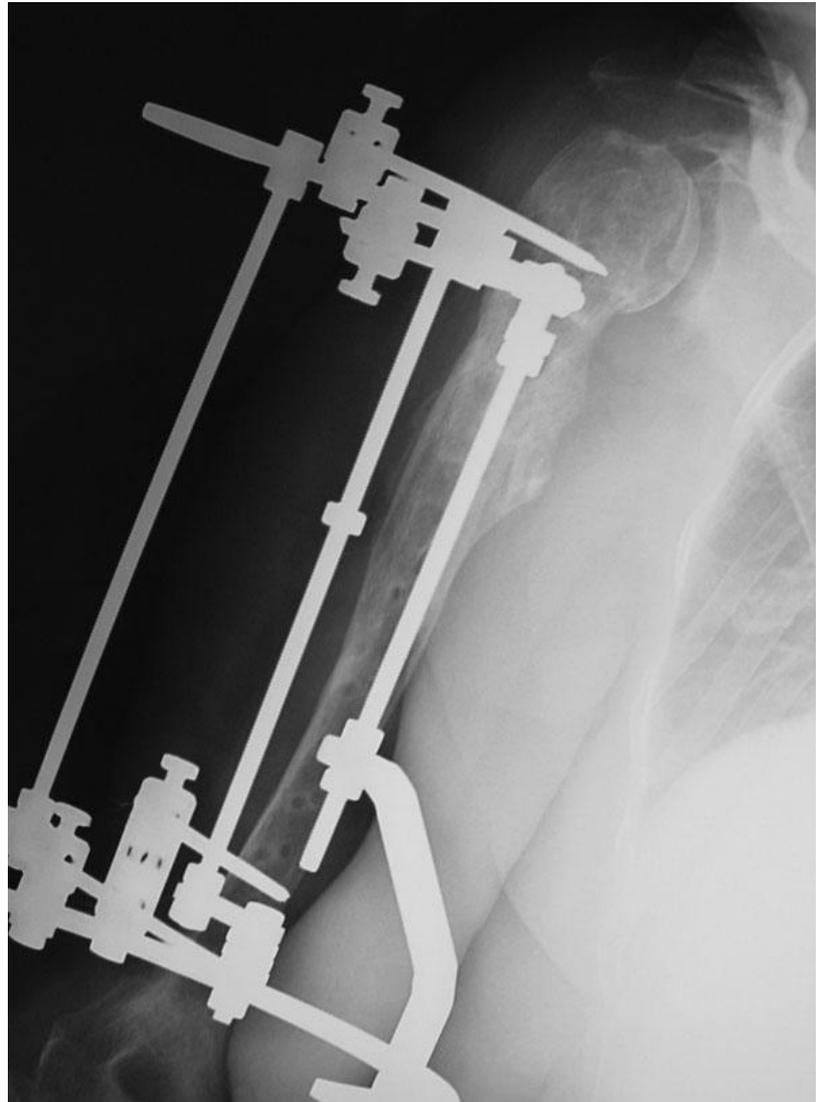
68 anni F
Parkinson
3° fallimento di
osteosintesi interna

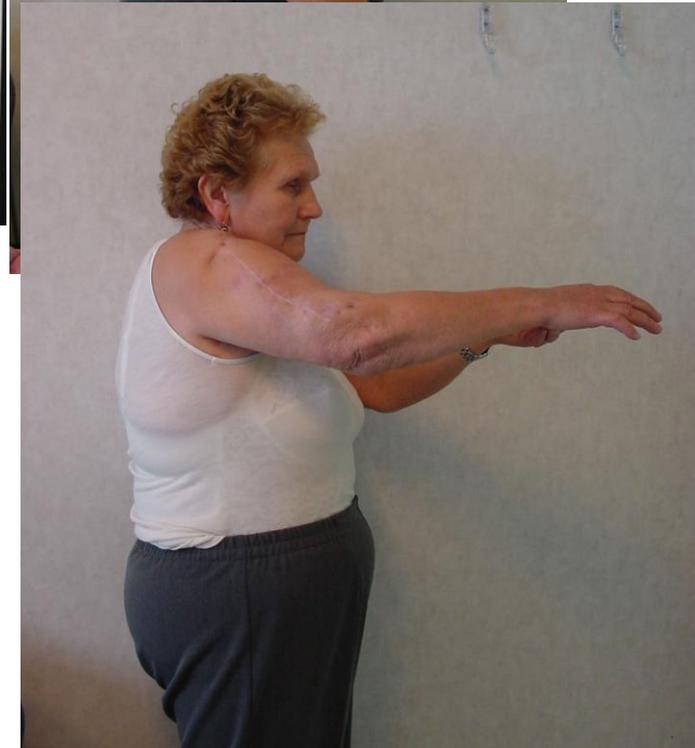
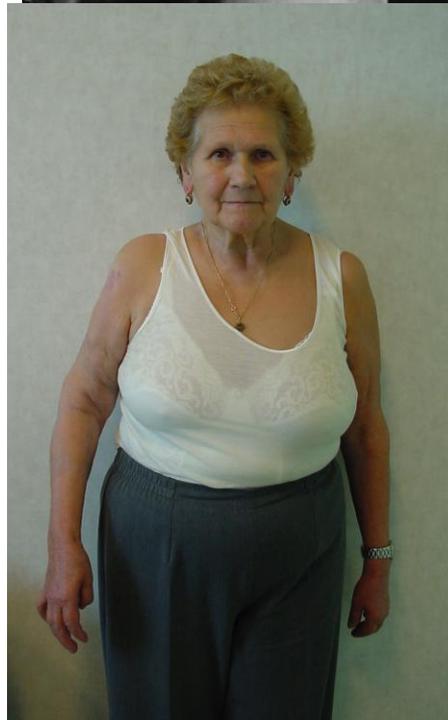






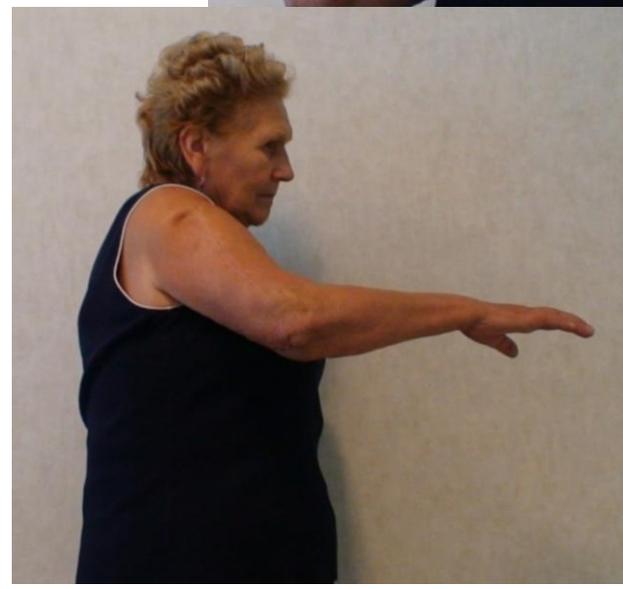
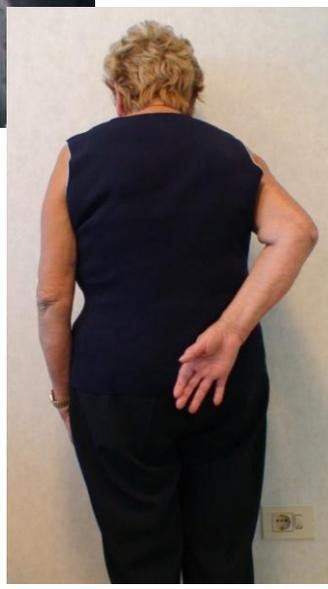
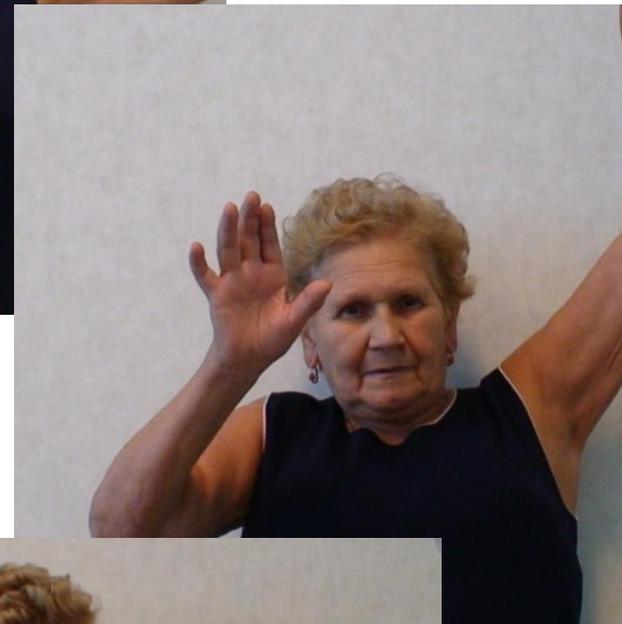








+ 1 anno



APPARATO PER OSTEOSINTESI

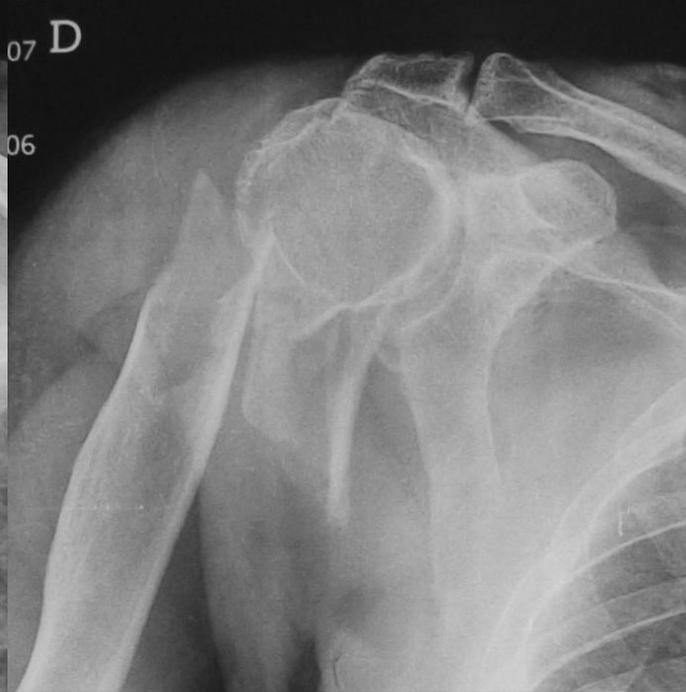
#M 309335

D

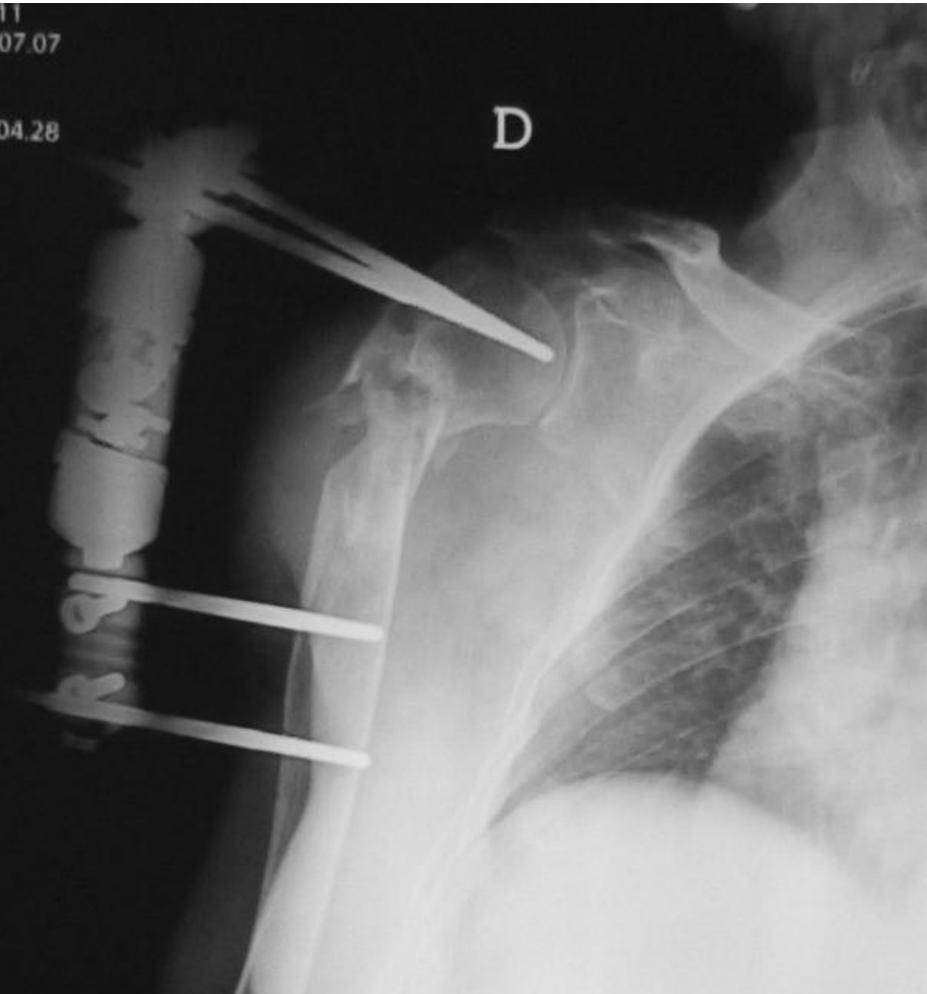
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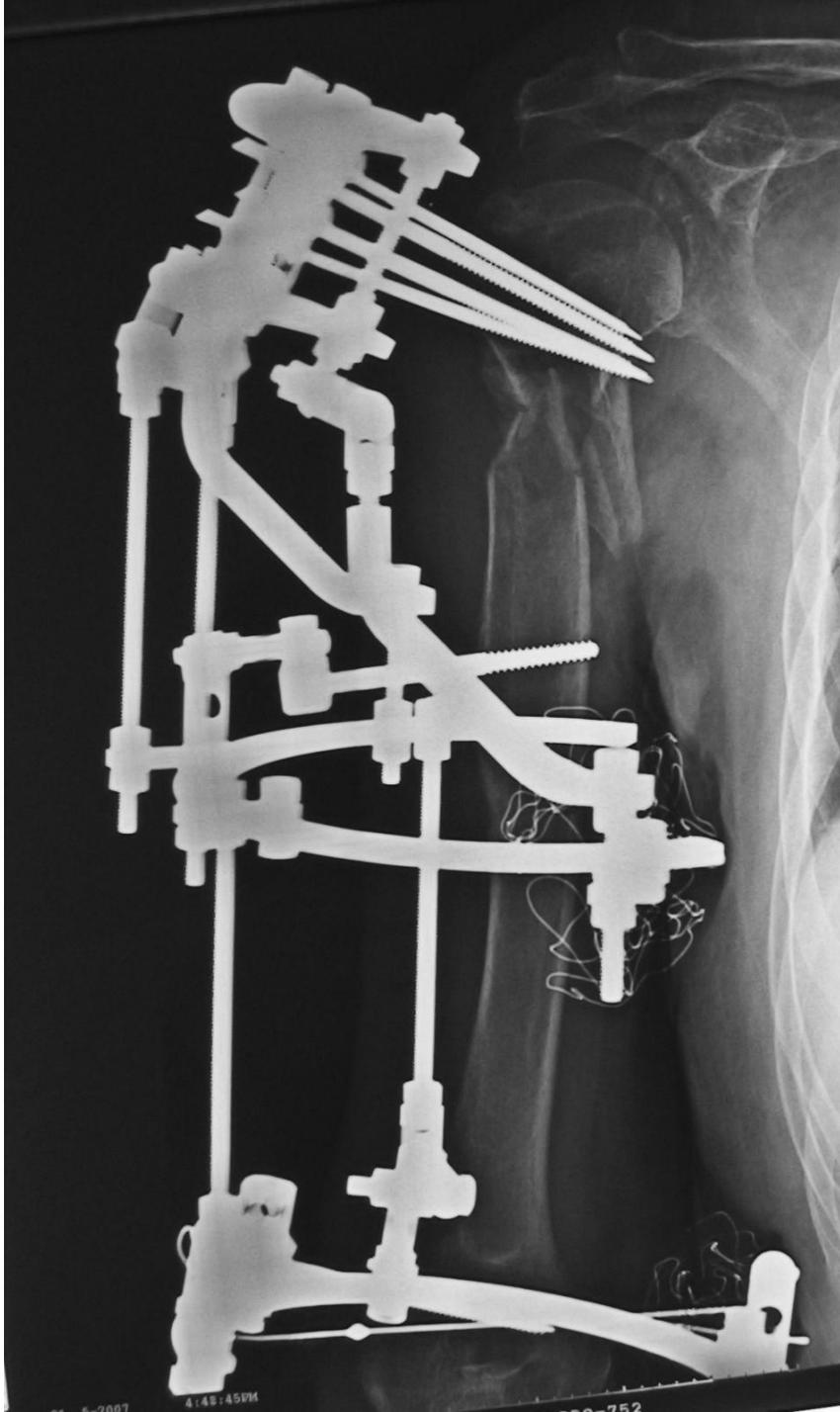
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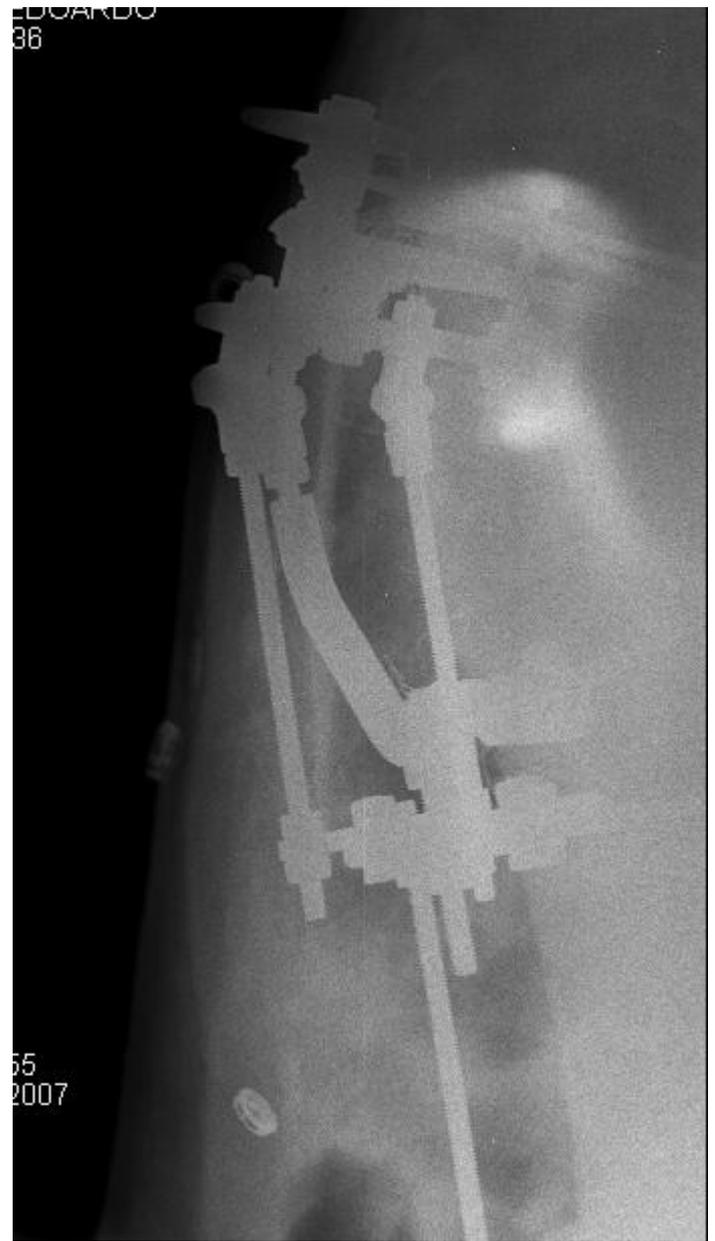
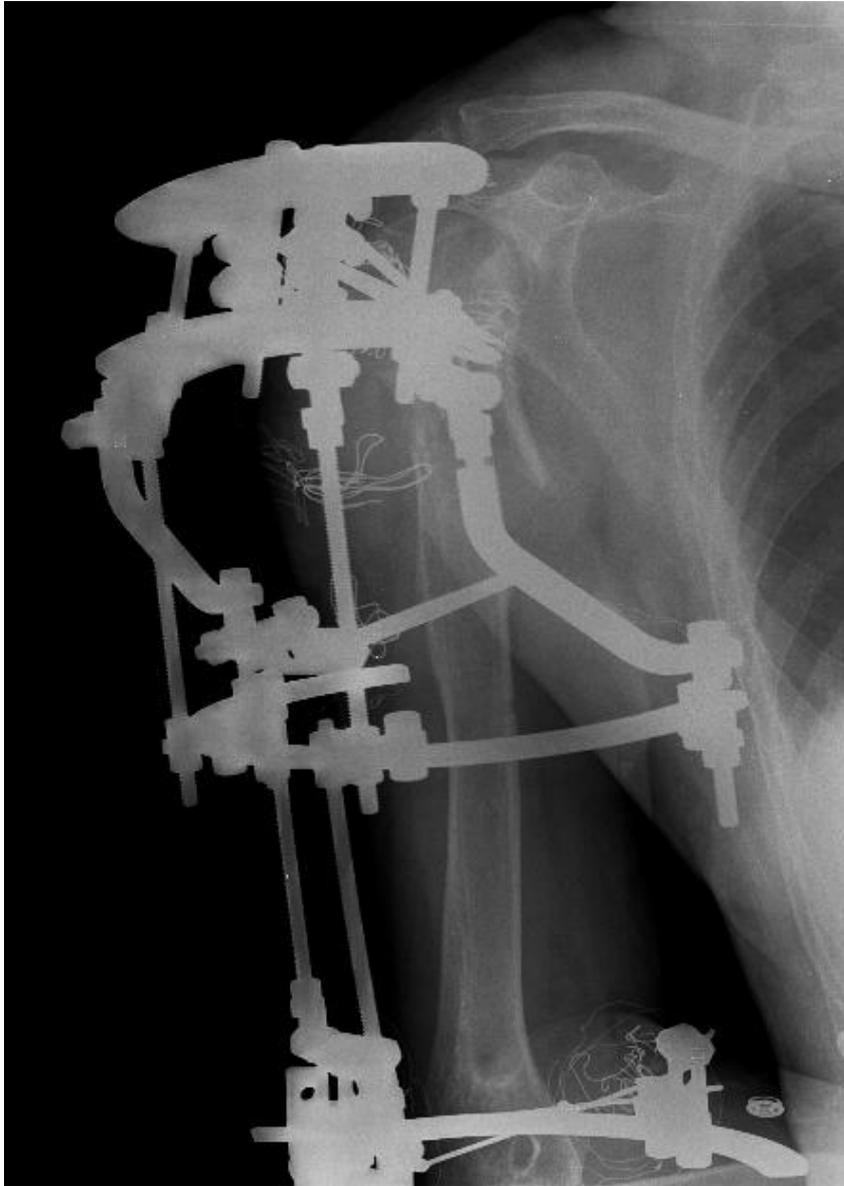
67 anni M



Rimozione Chiodo Fissatore assiale



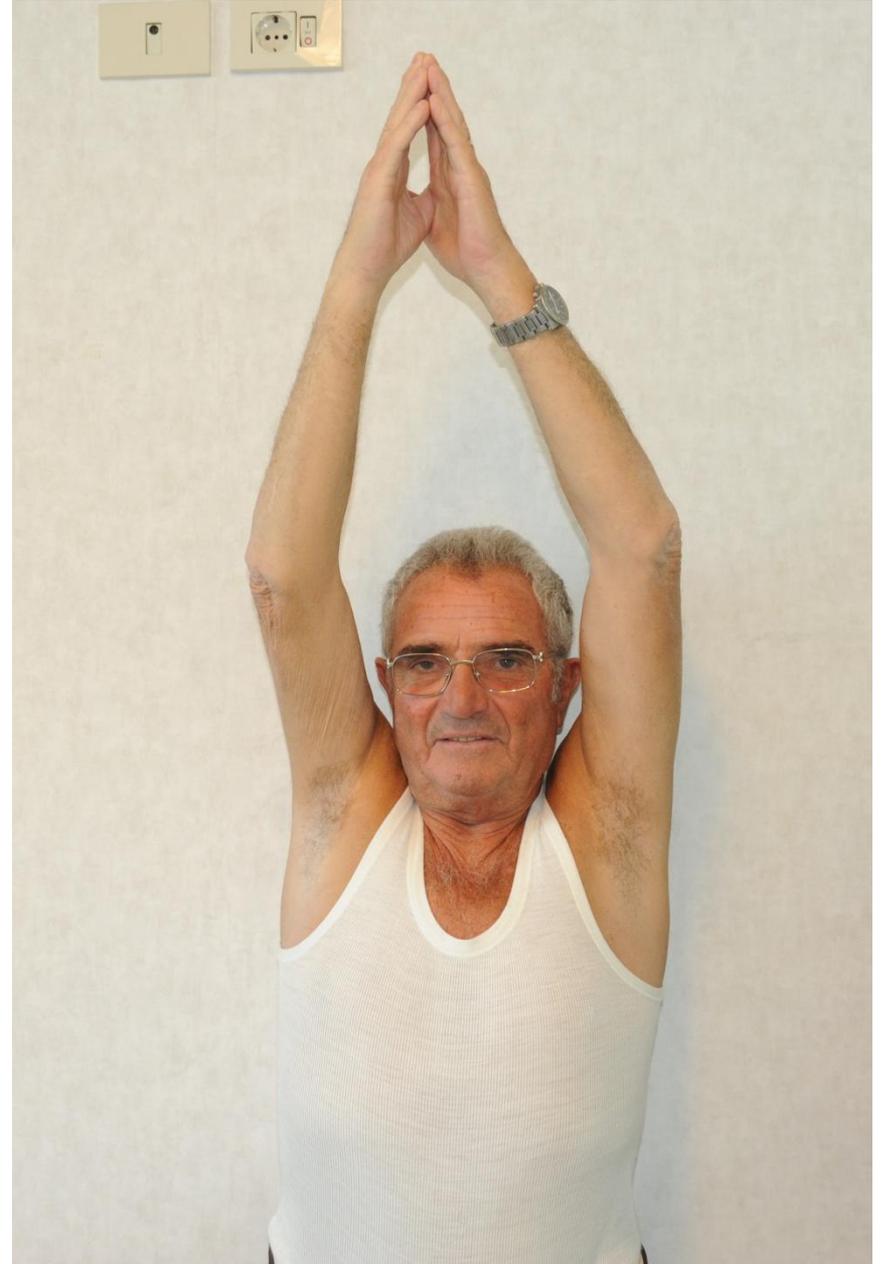




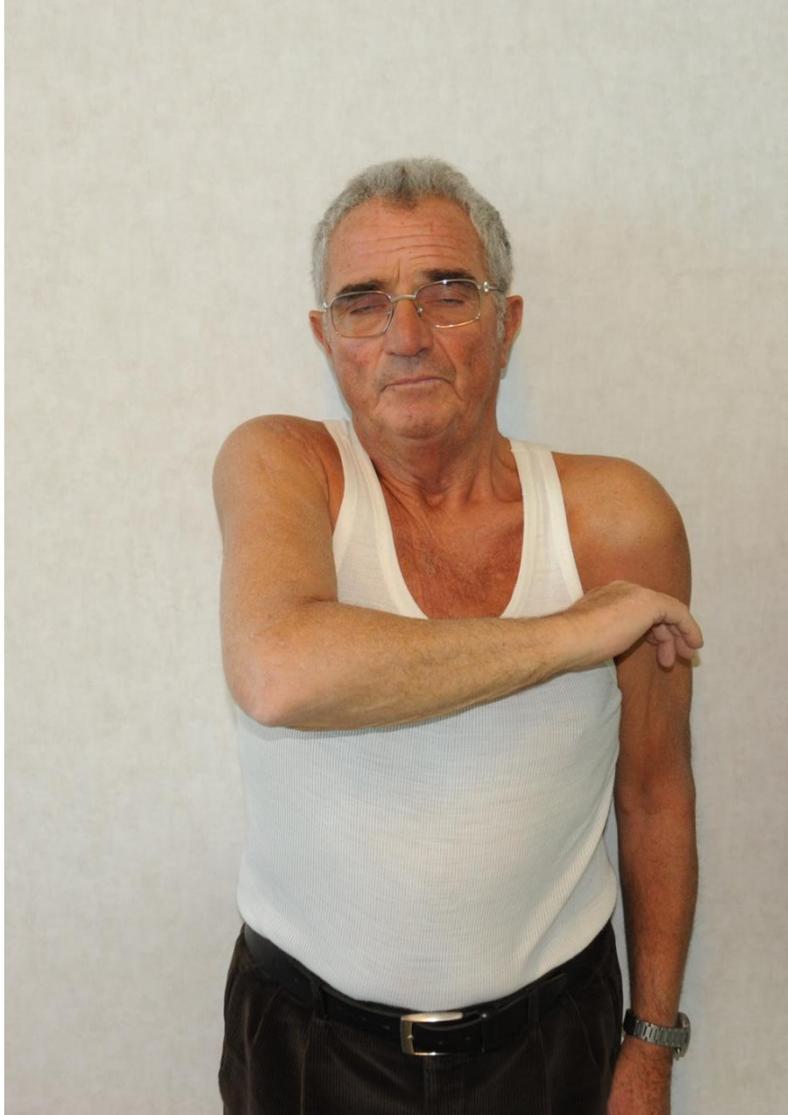


Consolidazione

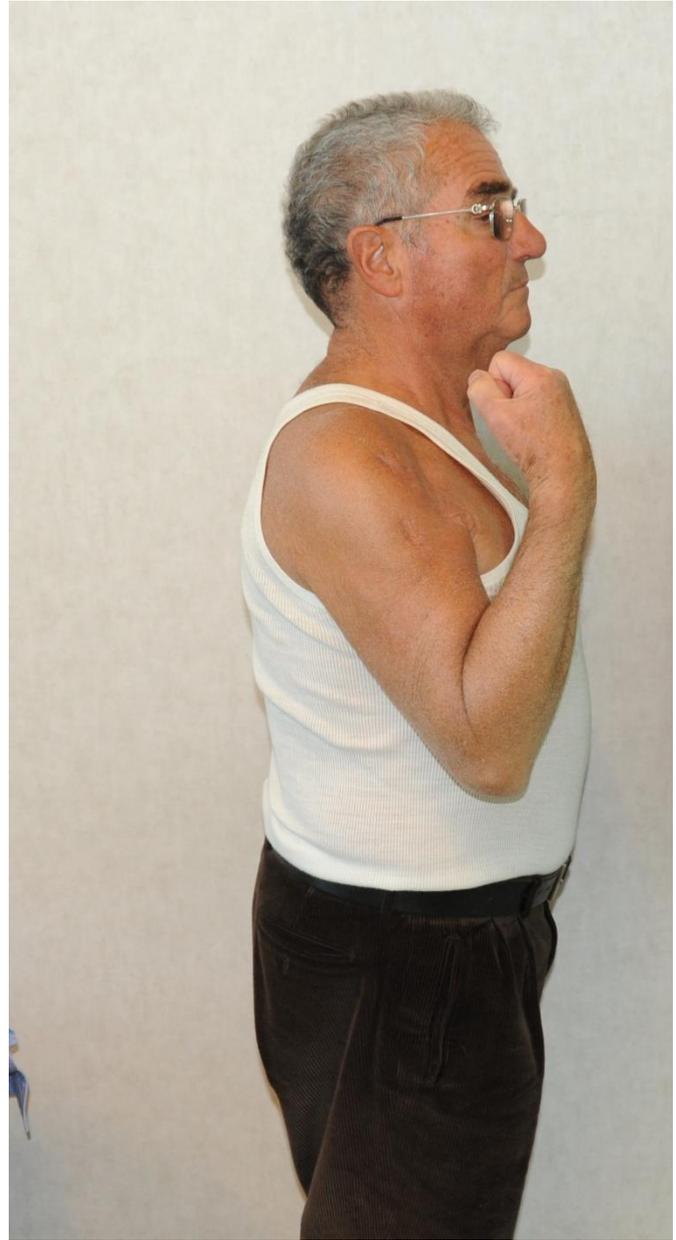
+ 9 mesi





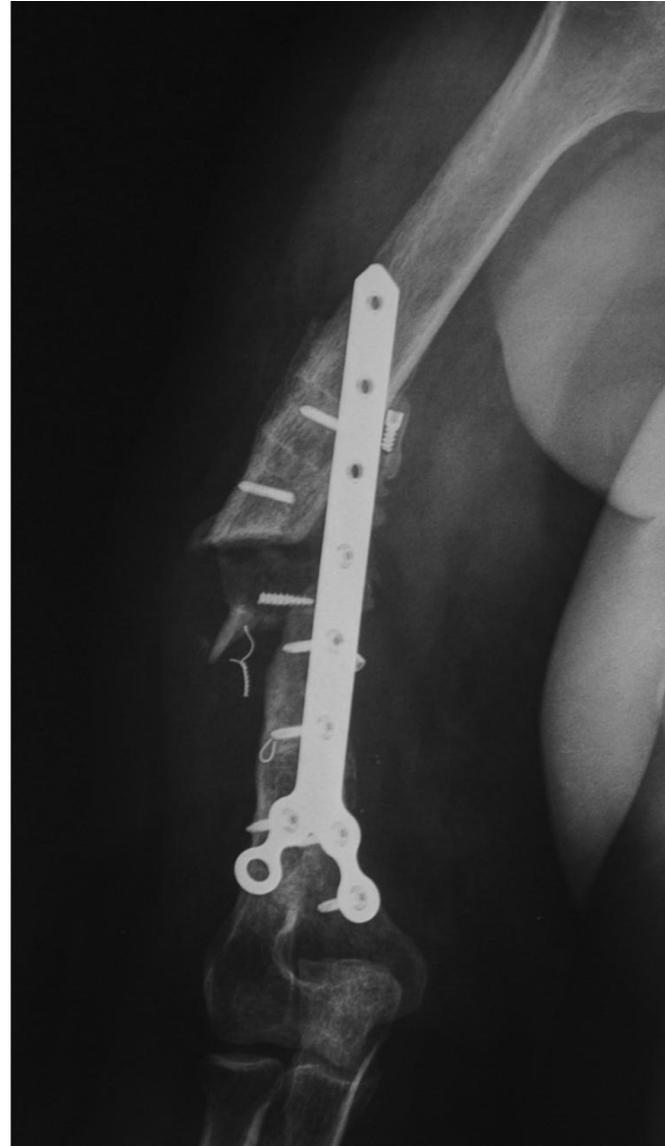




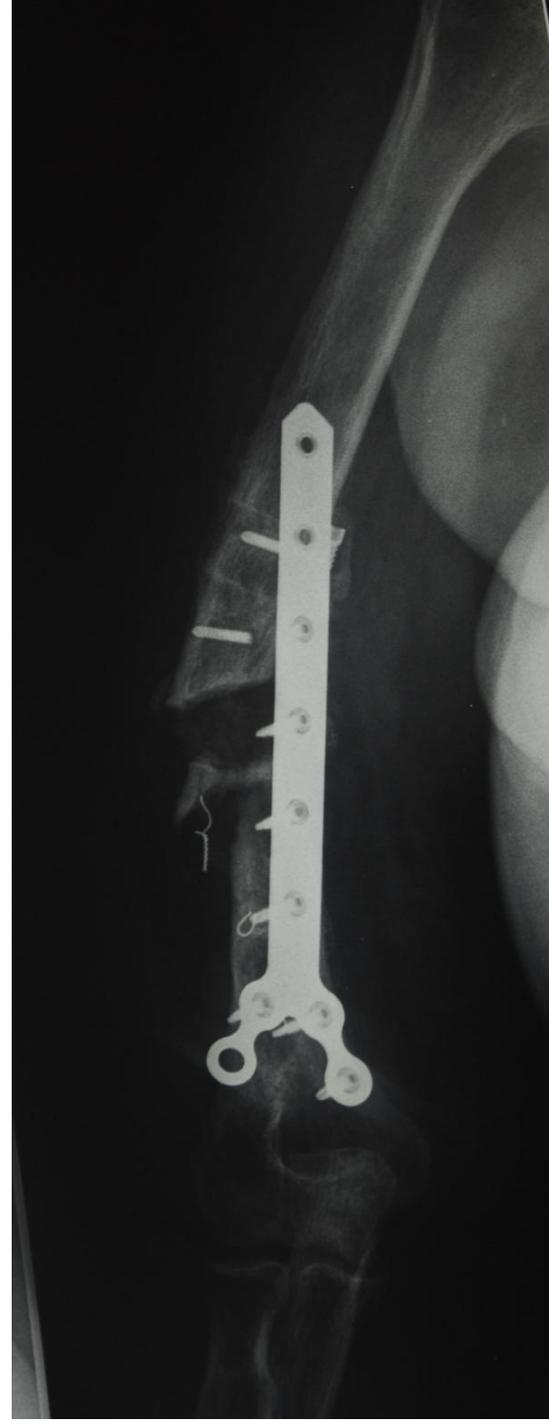


APPARATO PER
COMPRESSIONE
PROGRESSIVA

51 anni F
3° fallimento



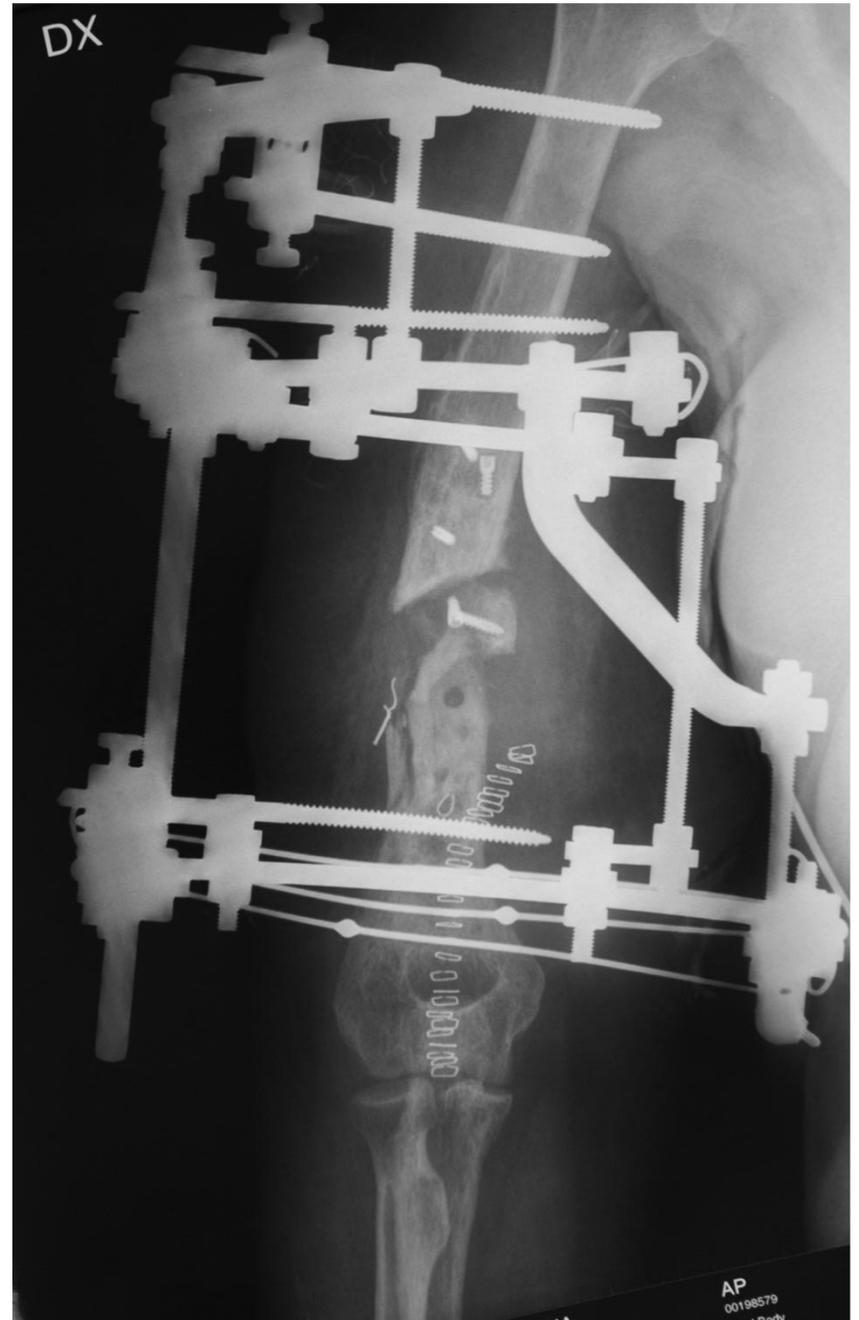
Riassorbimento del graft osseo



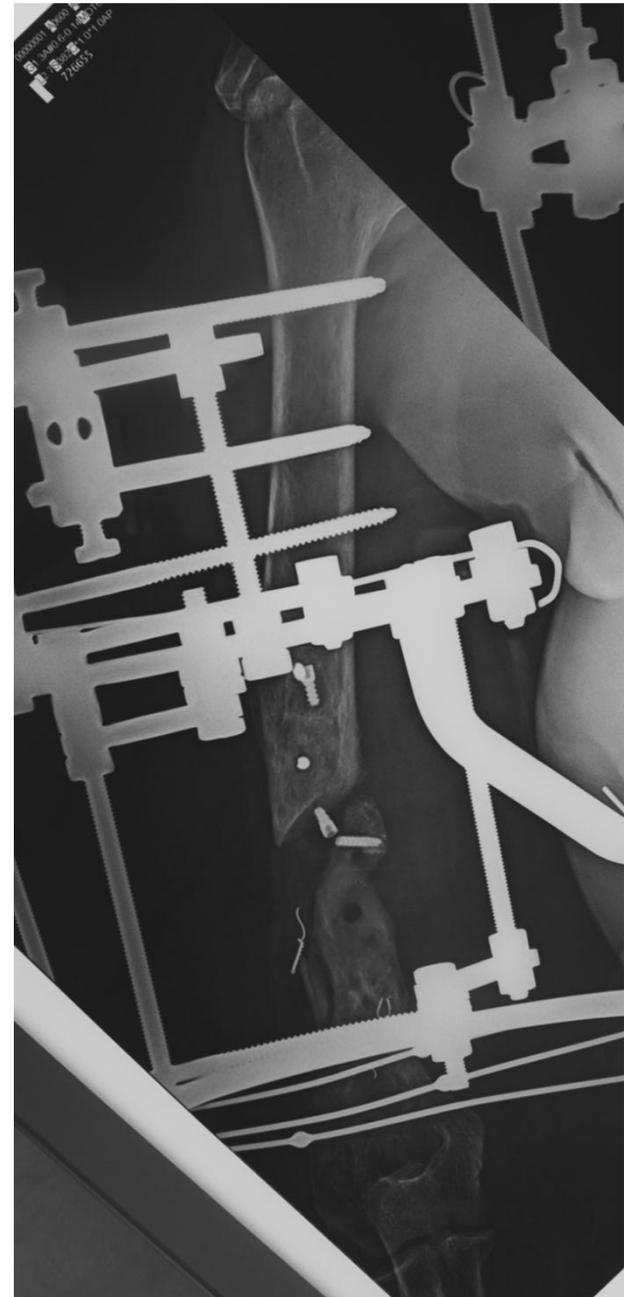
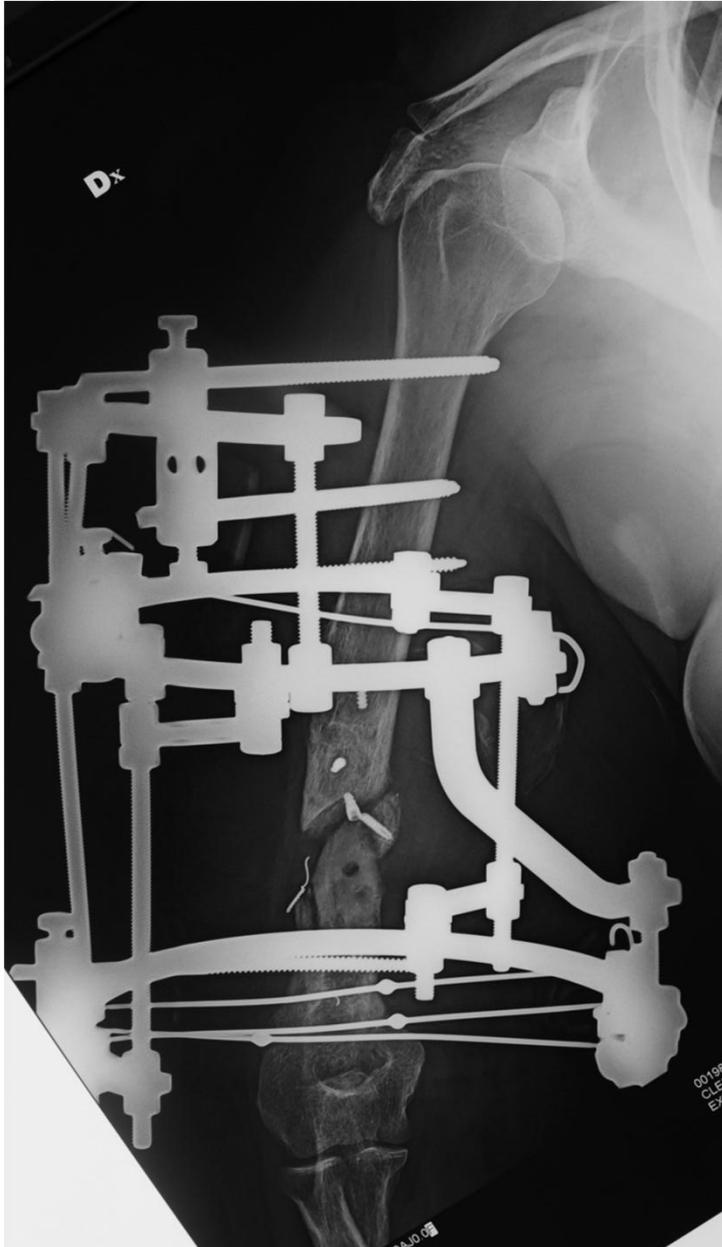
ILIZAROV



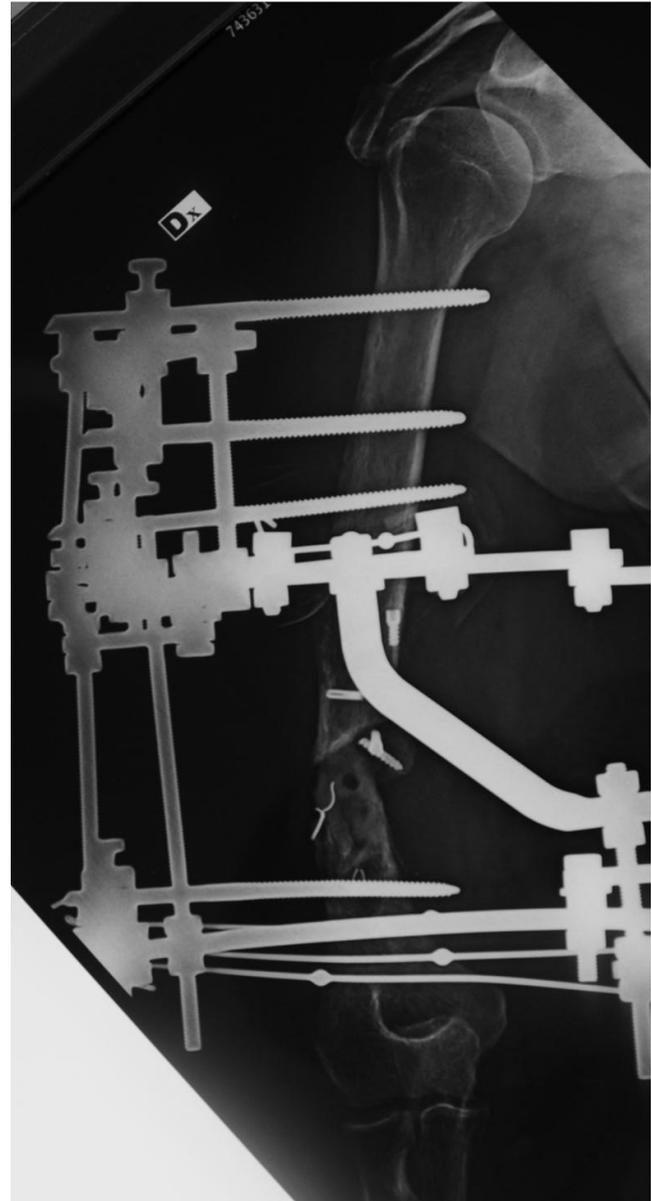
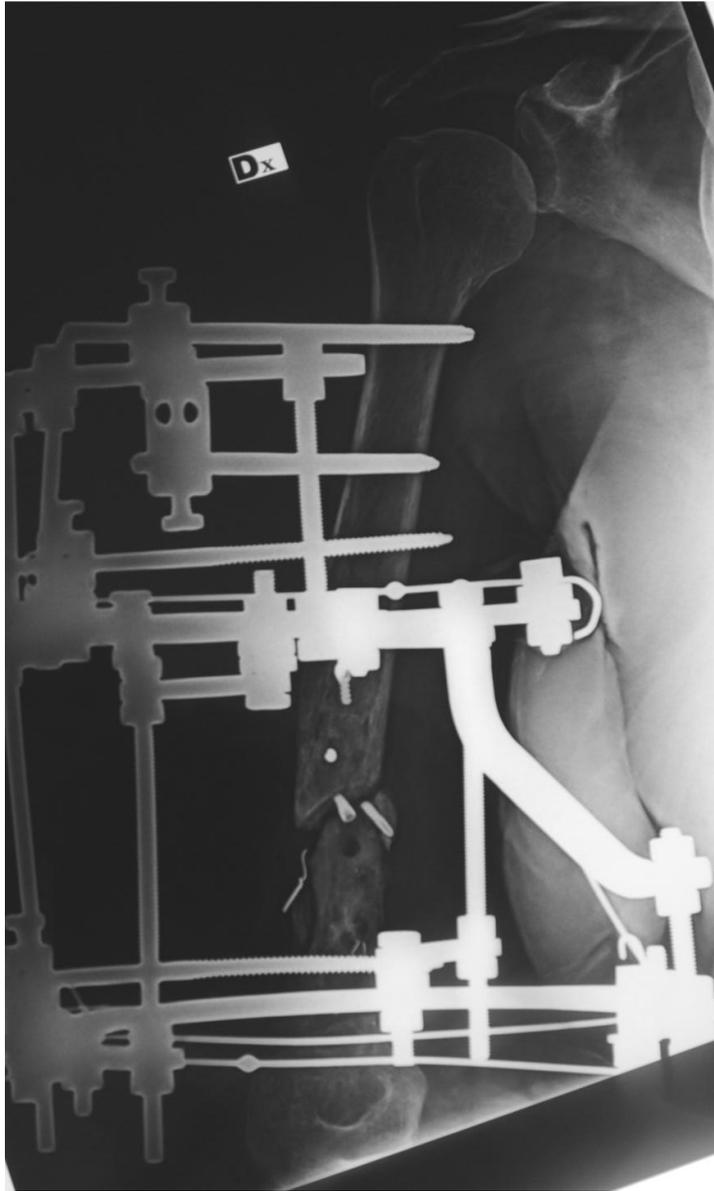
Compressione progressiva



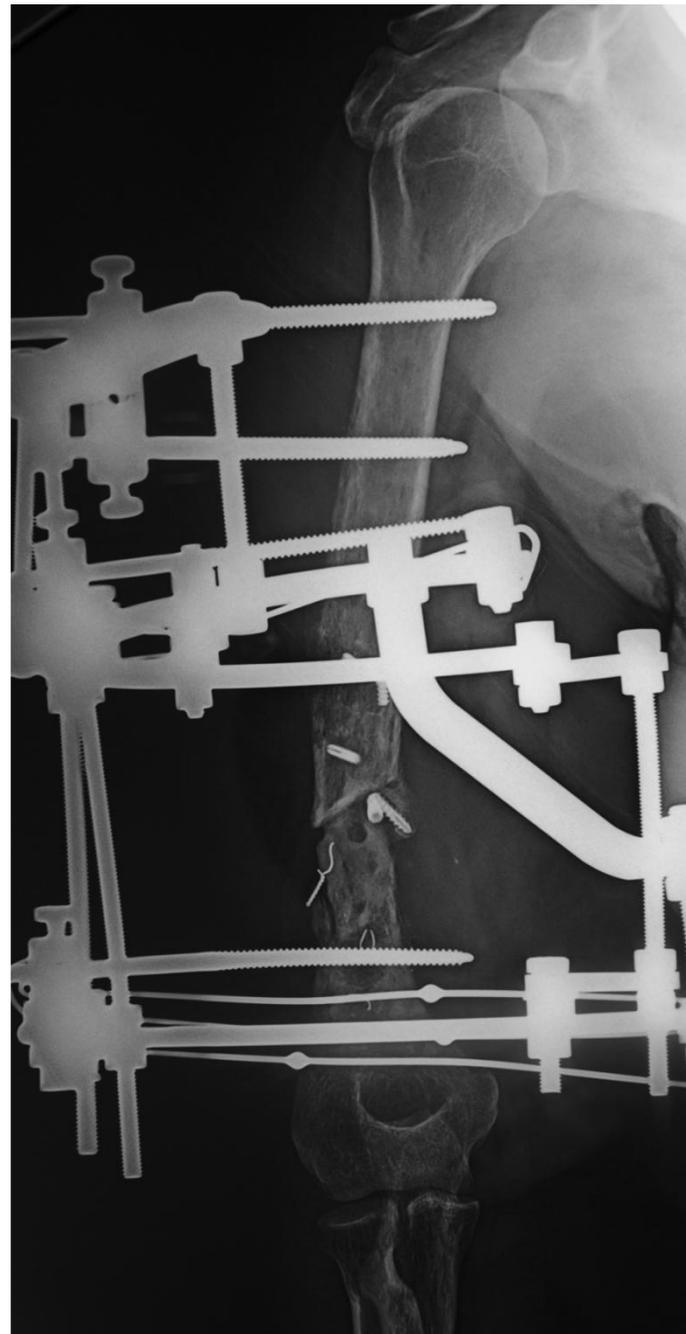
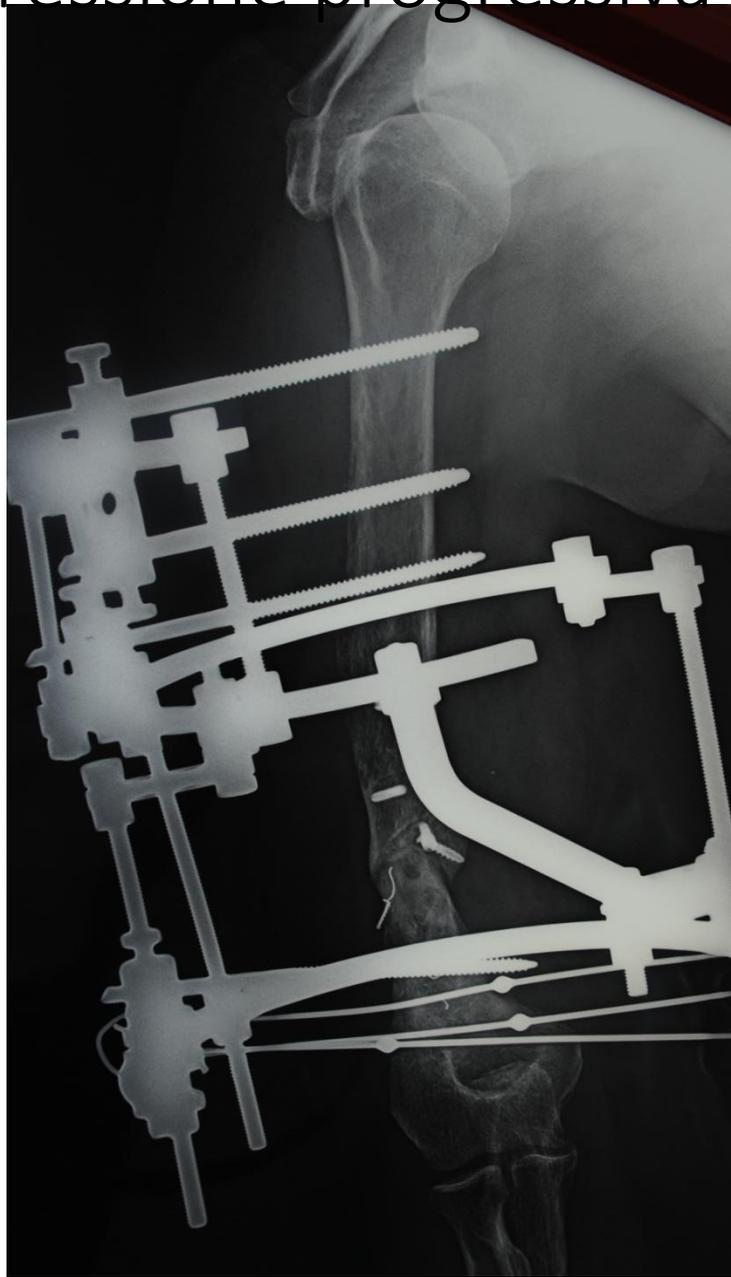
Compressione progressiva



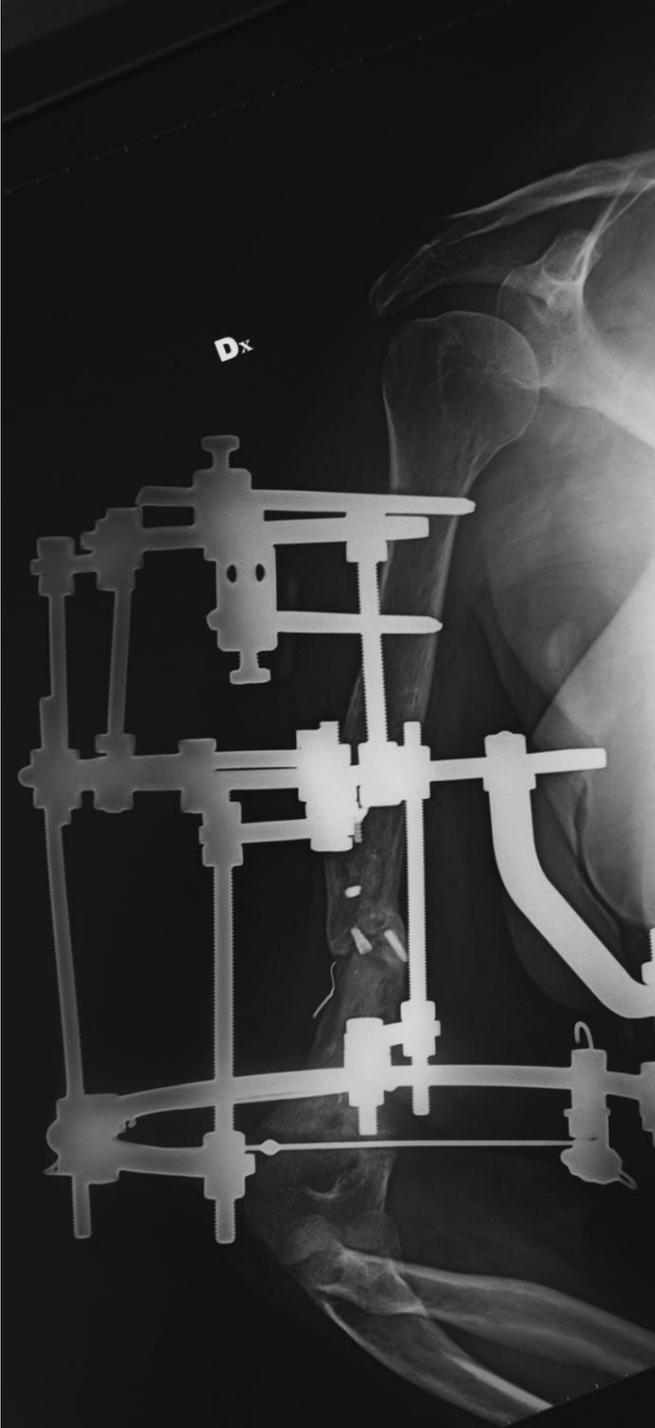
Compressione progressiva



Compressione progressiva



Consolidazione





+ 3 mesi



DS



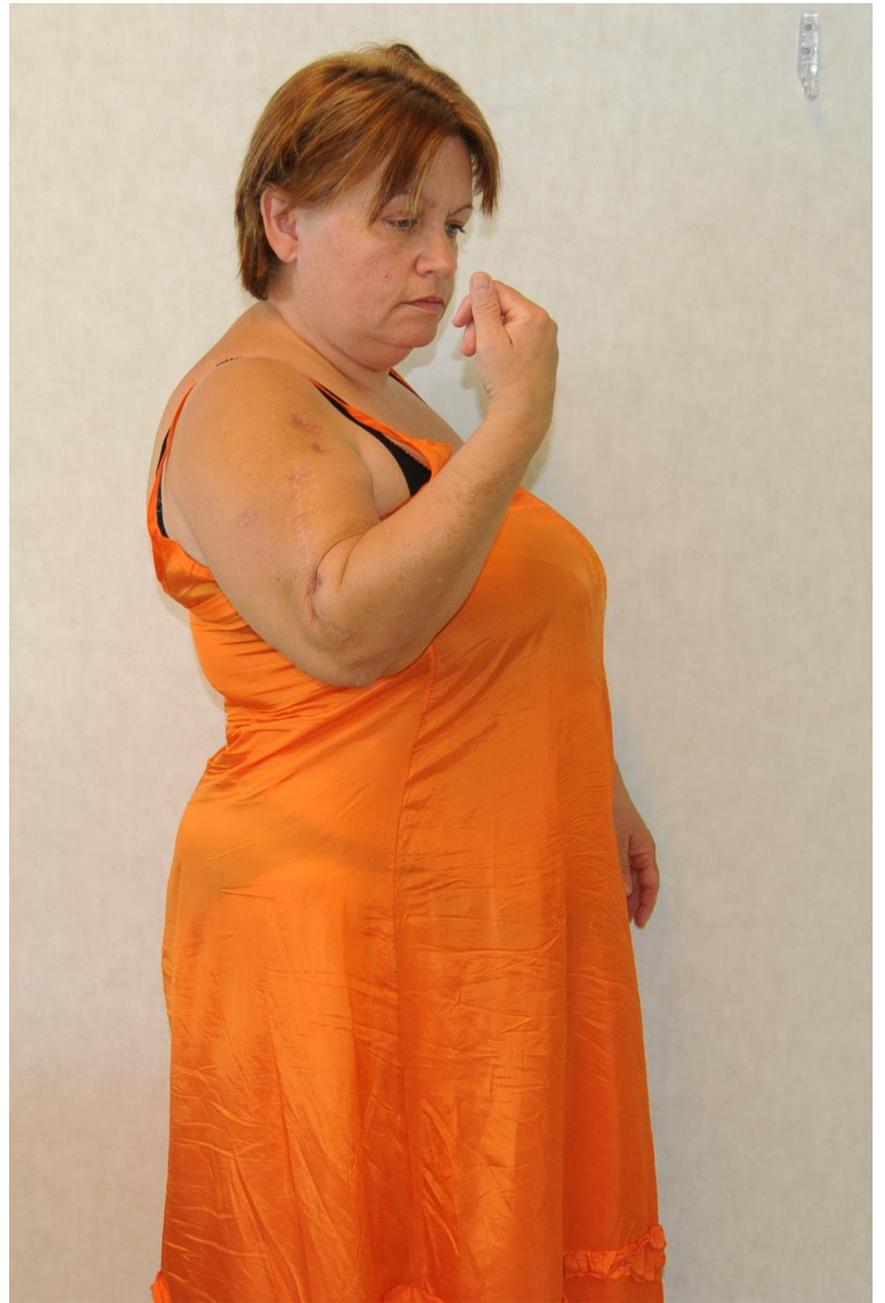
+ 1 anno

RT-01
SC:100%



Risultato 13 mesi

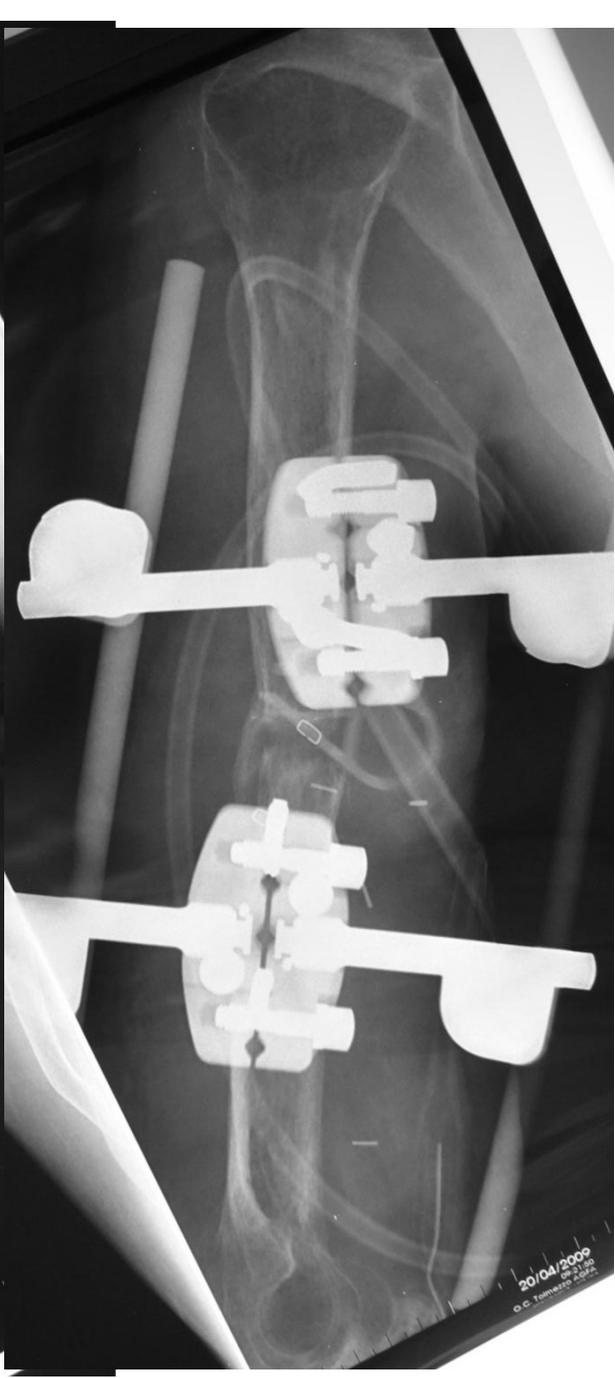
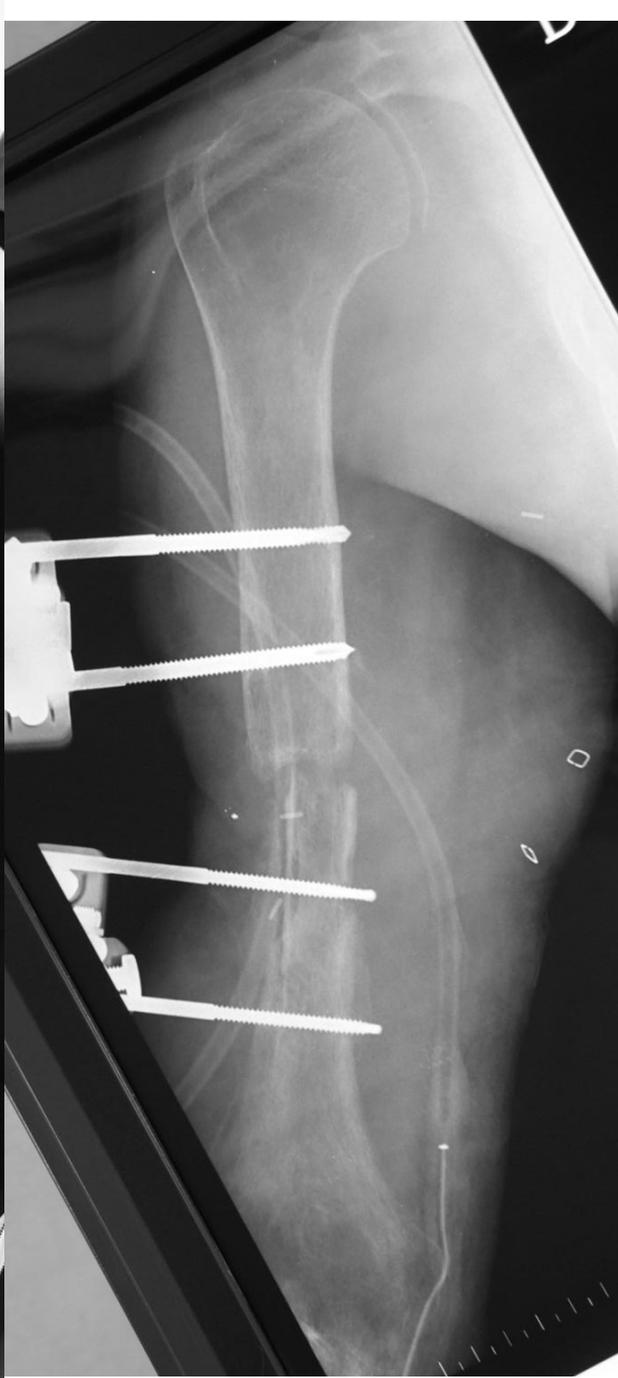
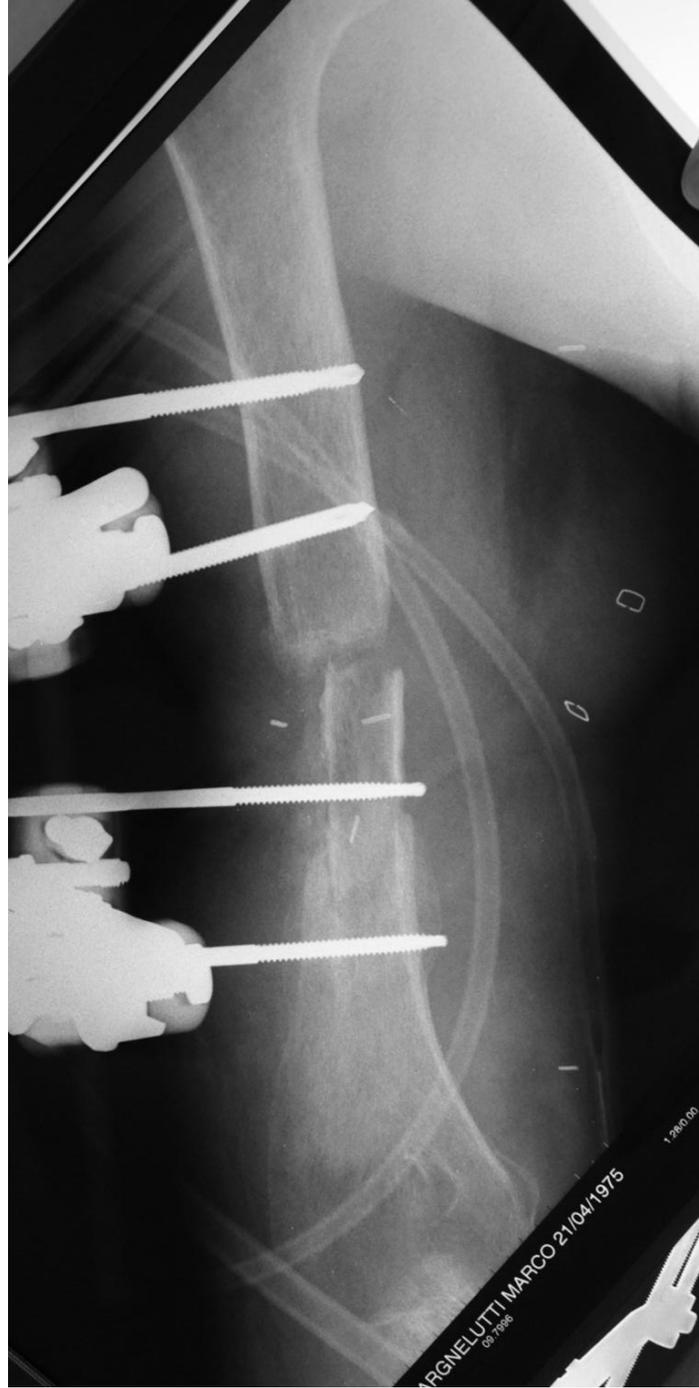








APPARATO PER
COMPRESSIONE
PROGRESSIVA

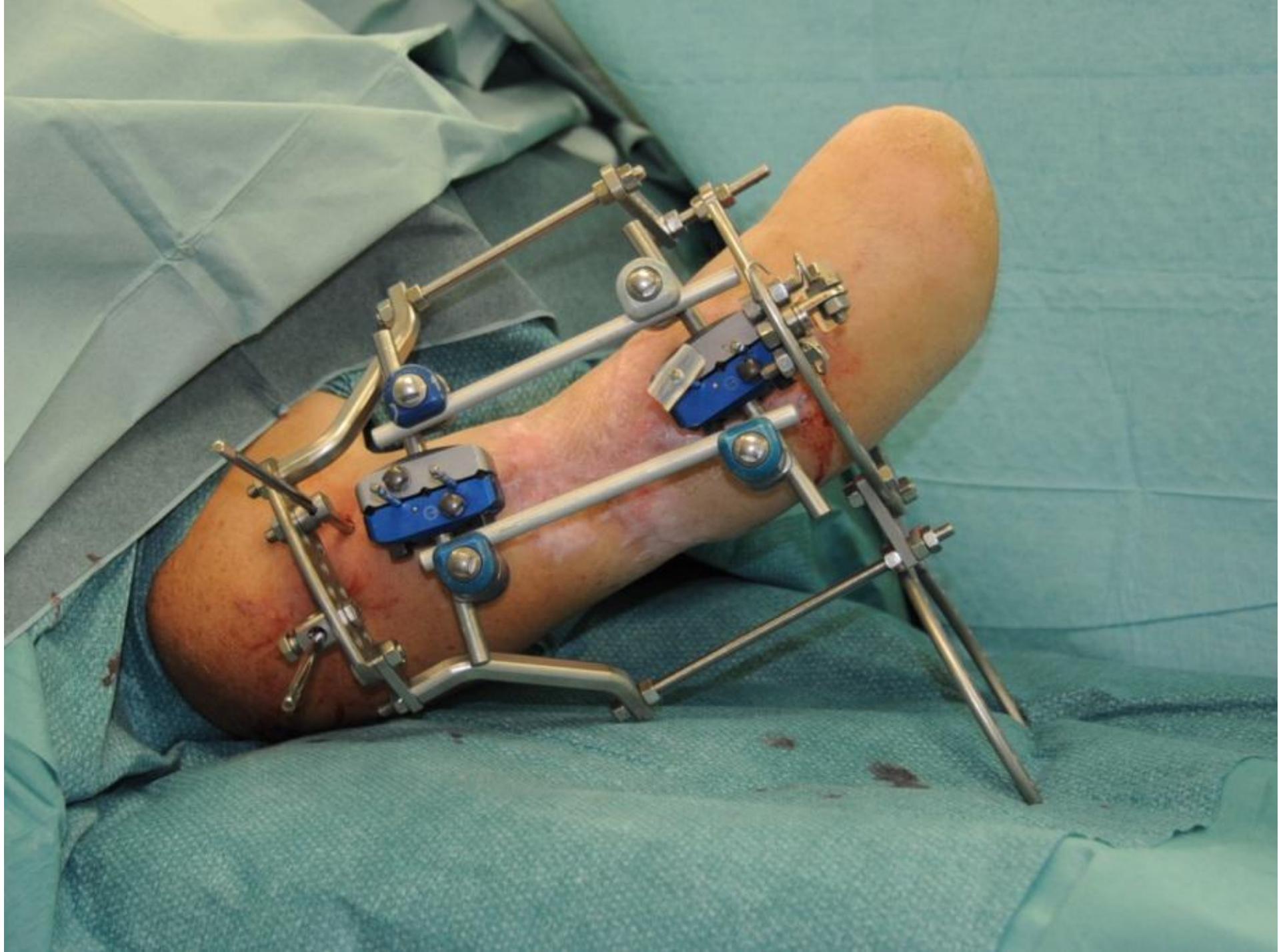


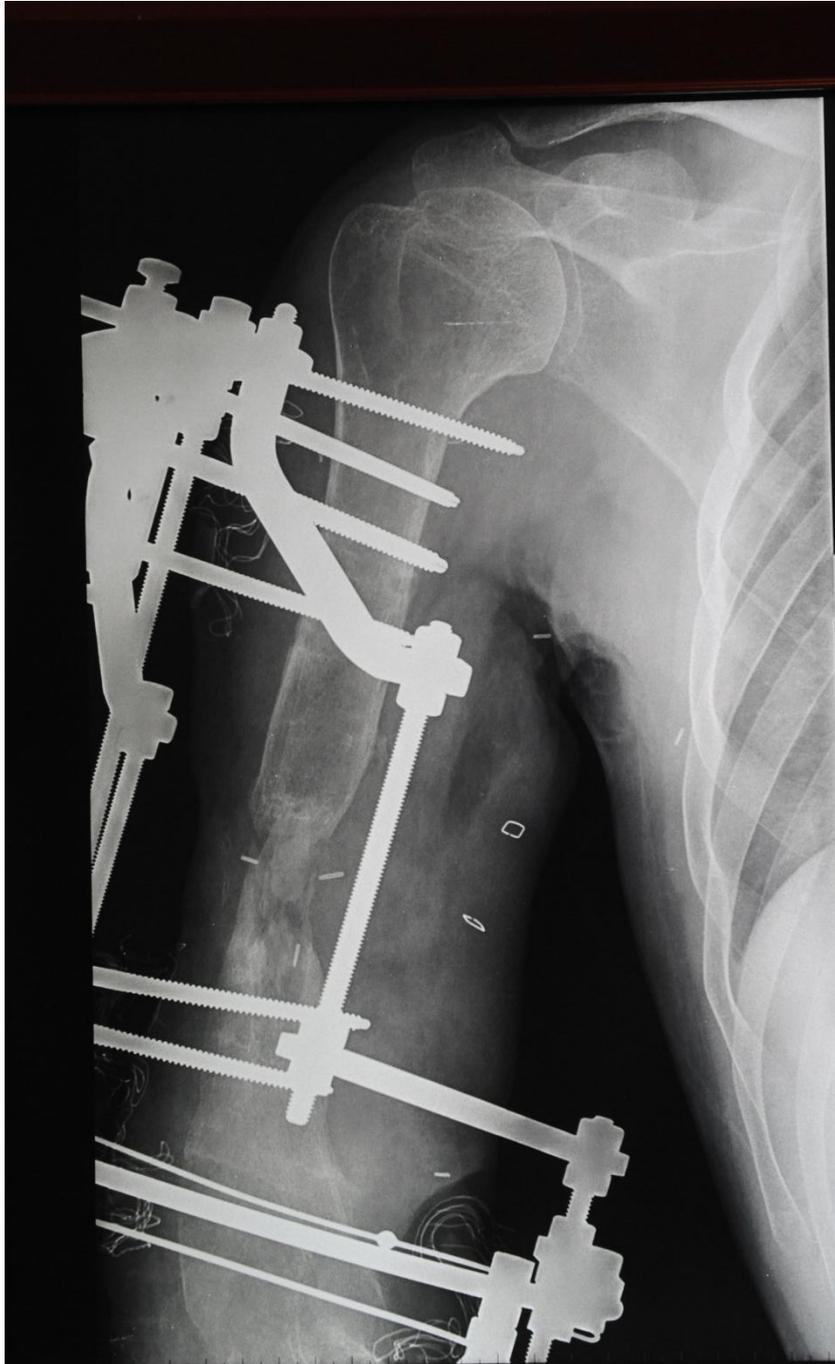


REIMPIANTO DOPO
AMPUTAZIONE TRAUMATICA
DEL BRACCIO AL TERZO MEDIO

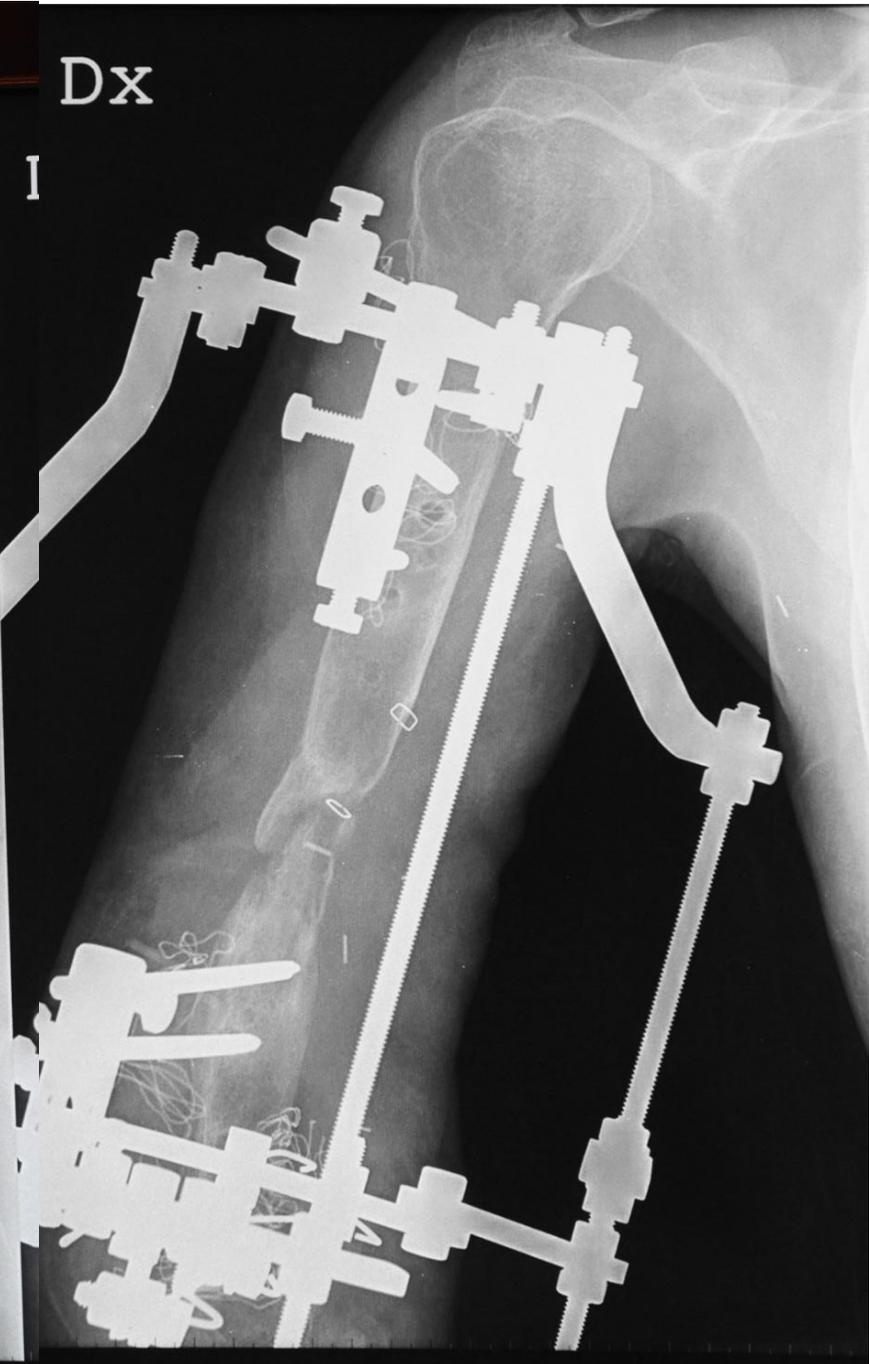
FALLIMENTO, NECROSI
AVAMBRACCIO E AMPUTAZIONE
AL TERZO PROSSIMALE







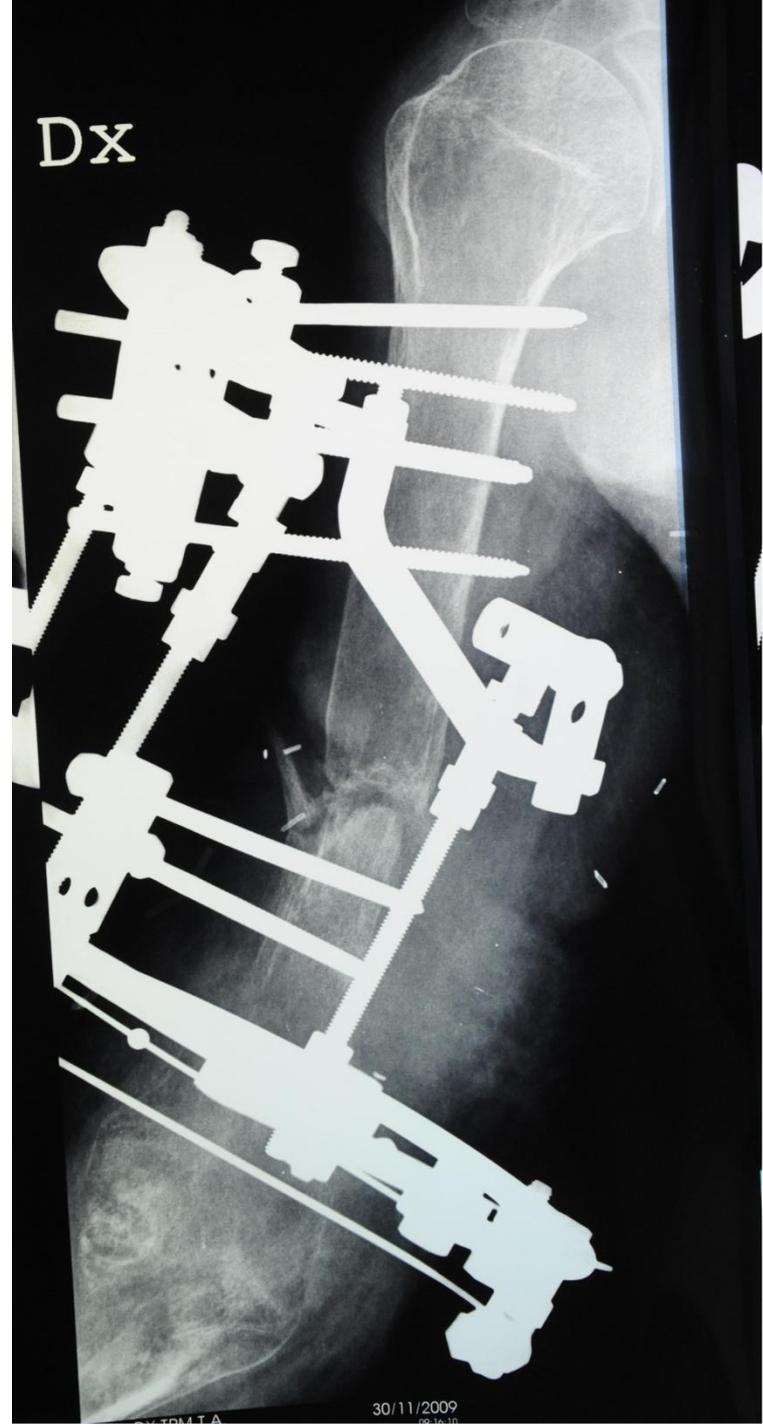
CARGNELUTTI MARCO 21/04/1975

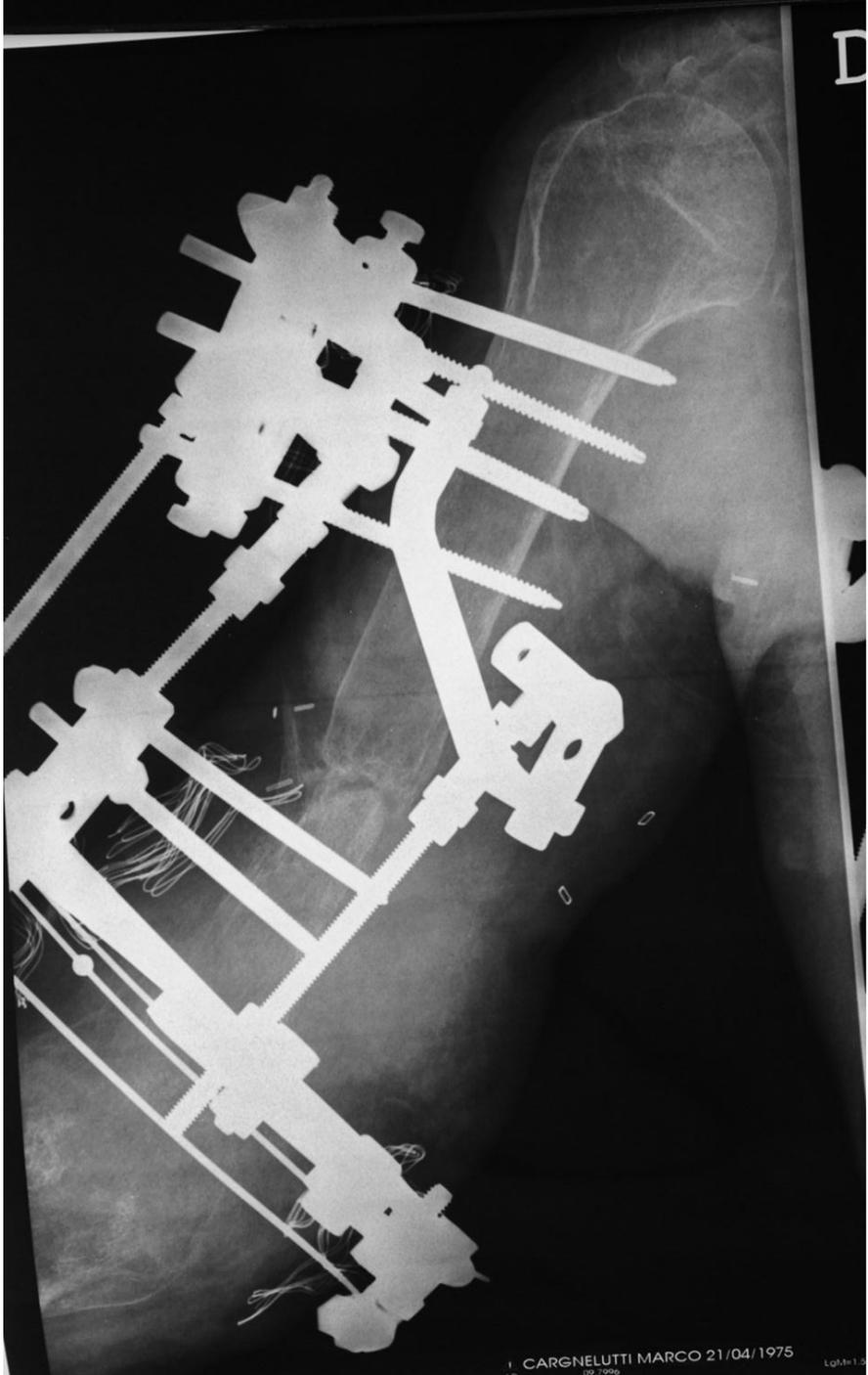


DX

24/09/2009

Progressive
compression

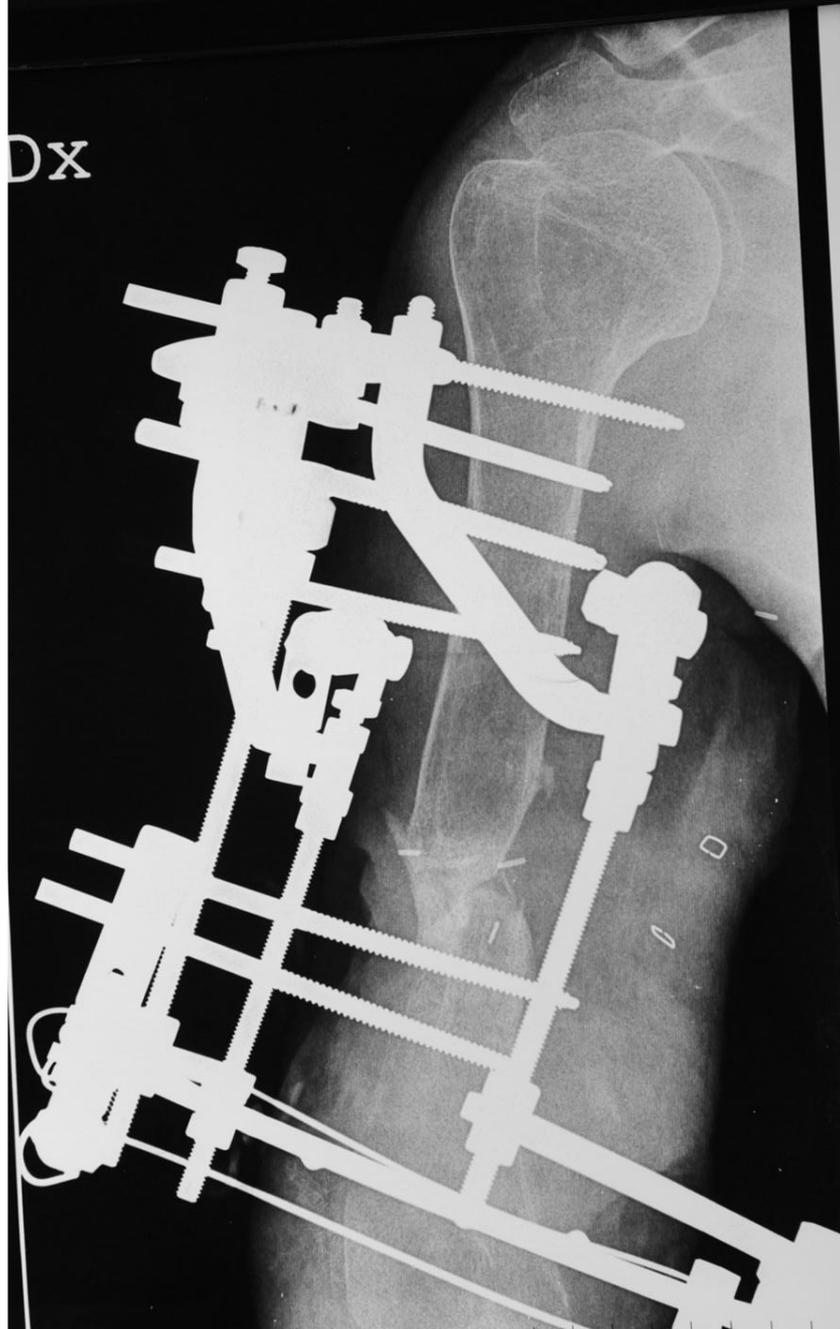


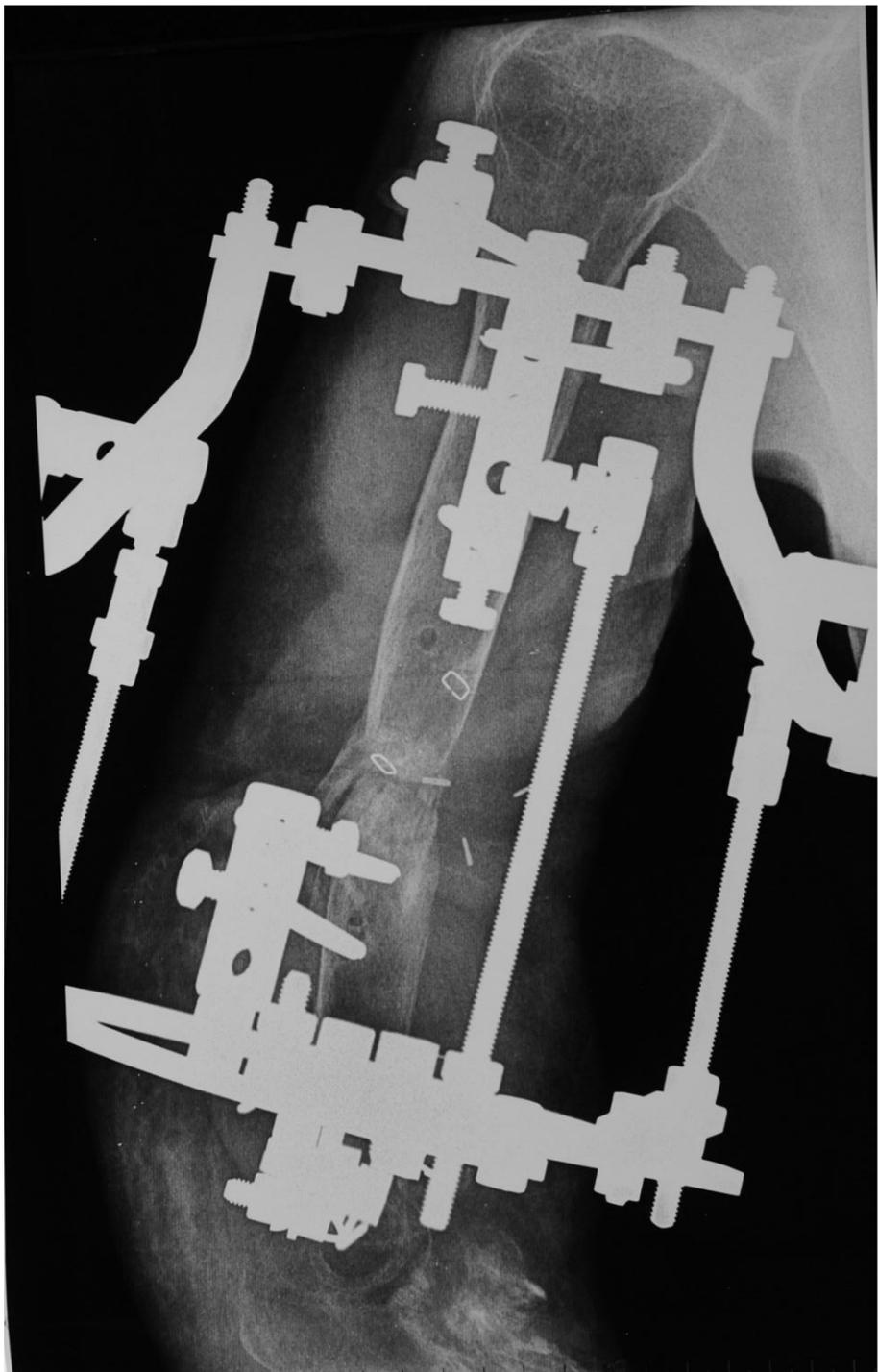


CARGNELUTTI MARCO 21/04/1975
Lot. n. 1.3

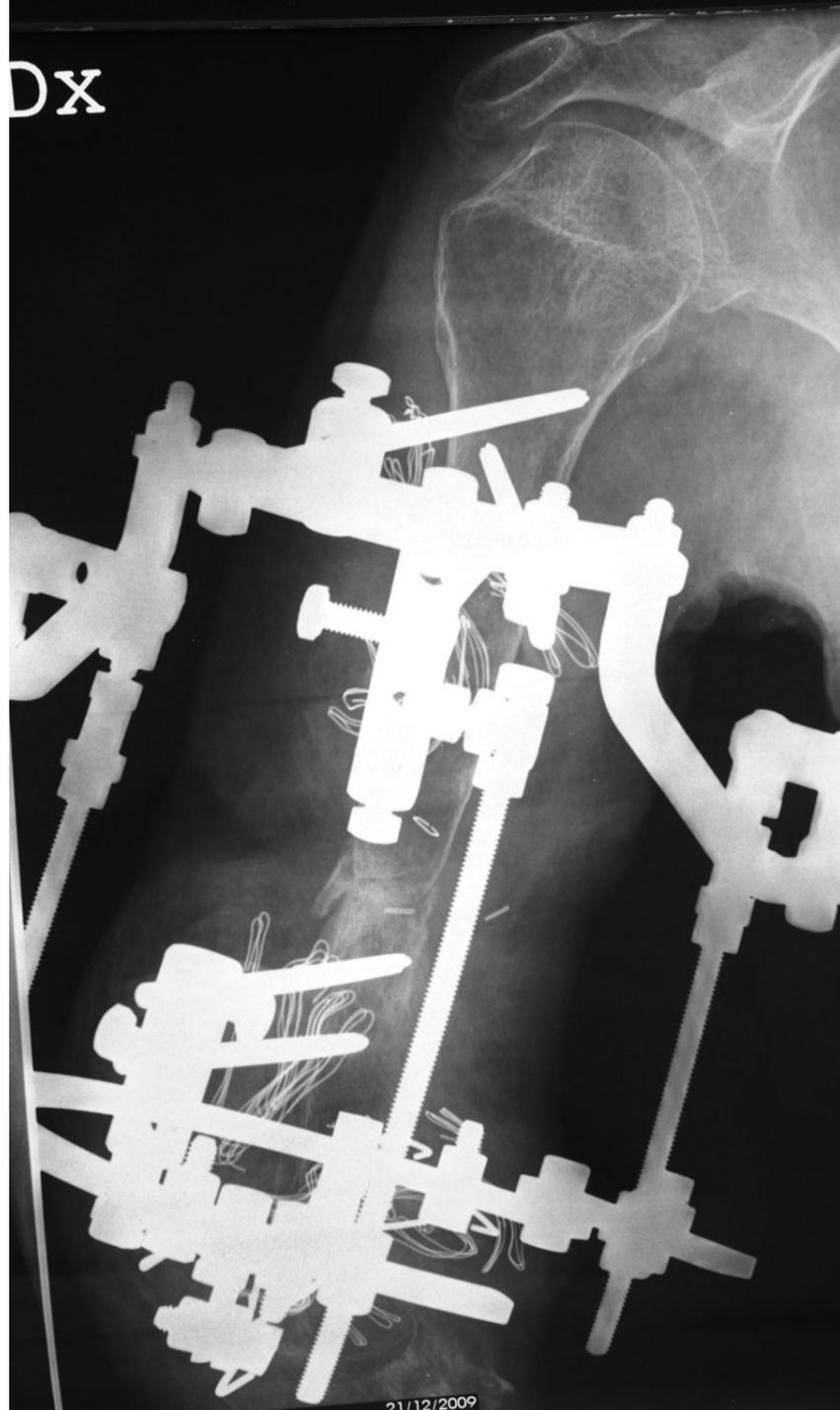


Dx





Dx



21/12/2009







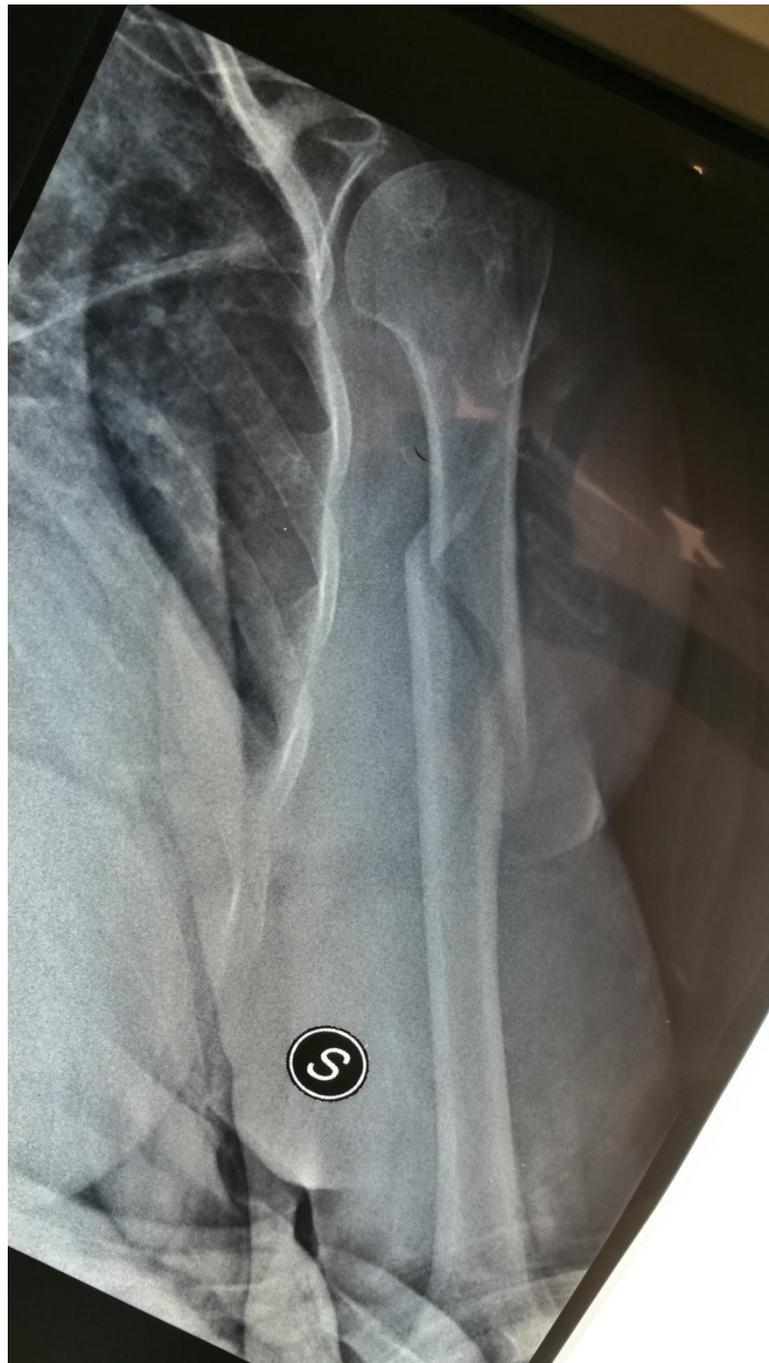






APPARATO PER COMPRESSIONE PROGRESSIVA

69 anni F





osteosintesi

+ 16 mesi: Rinnovo sintesi e innesto da cresta



+ 2,5 anni



+ 3,5 anni rimozione placca in quadro settico,
spaziatore in cemento antibiotato



+ 3,8 anni protesi intercalare



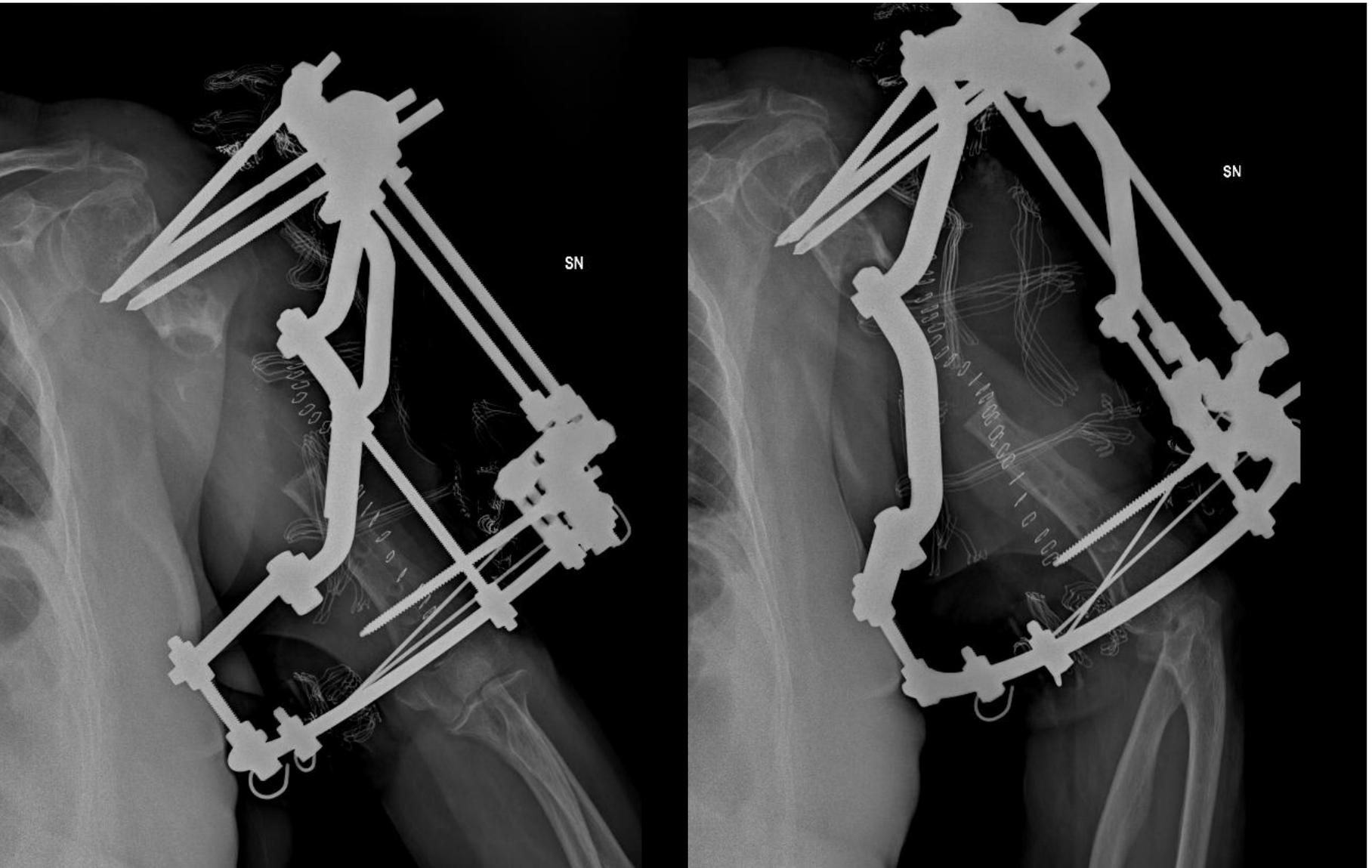


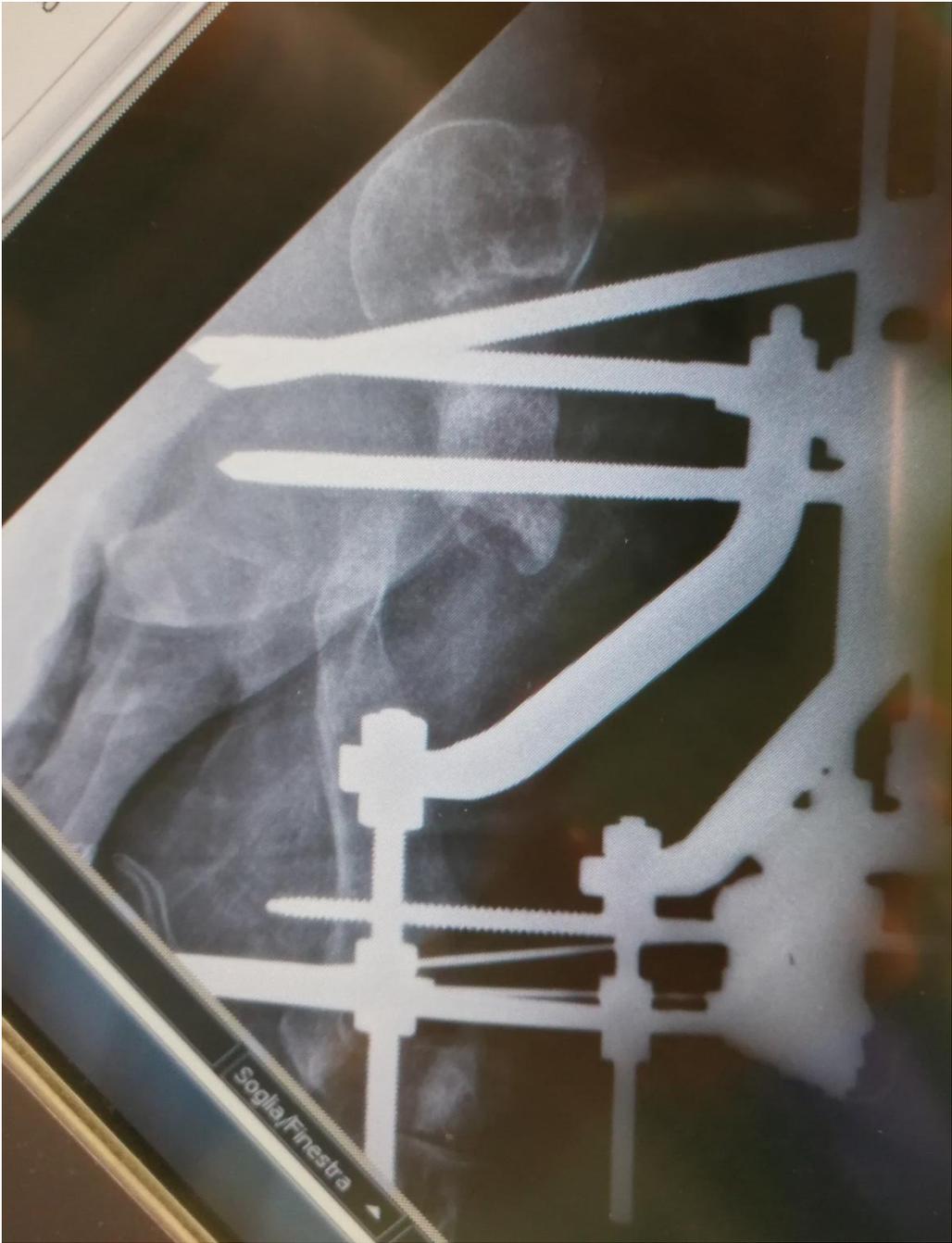




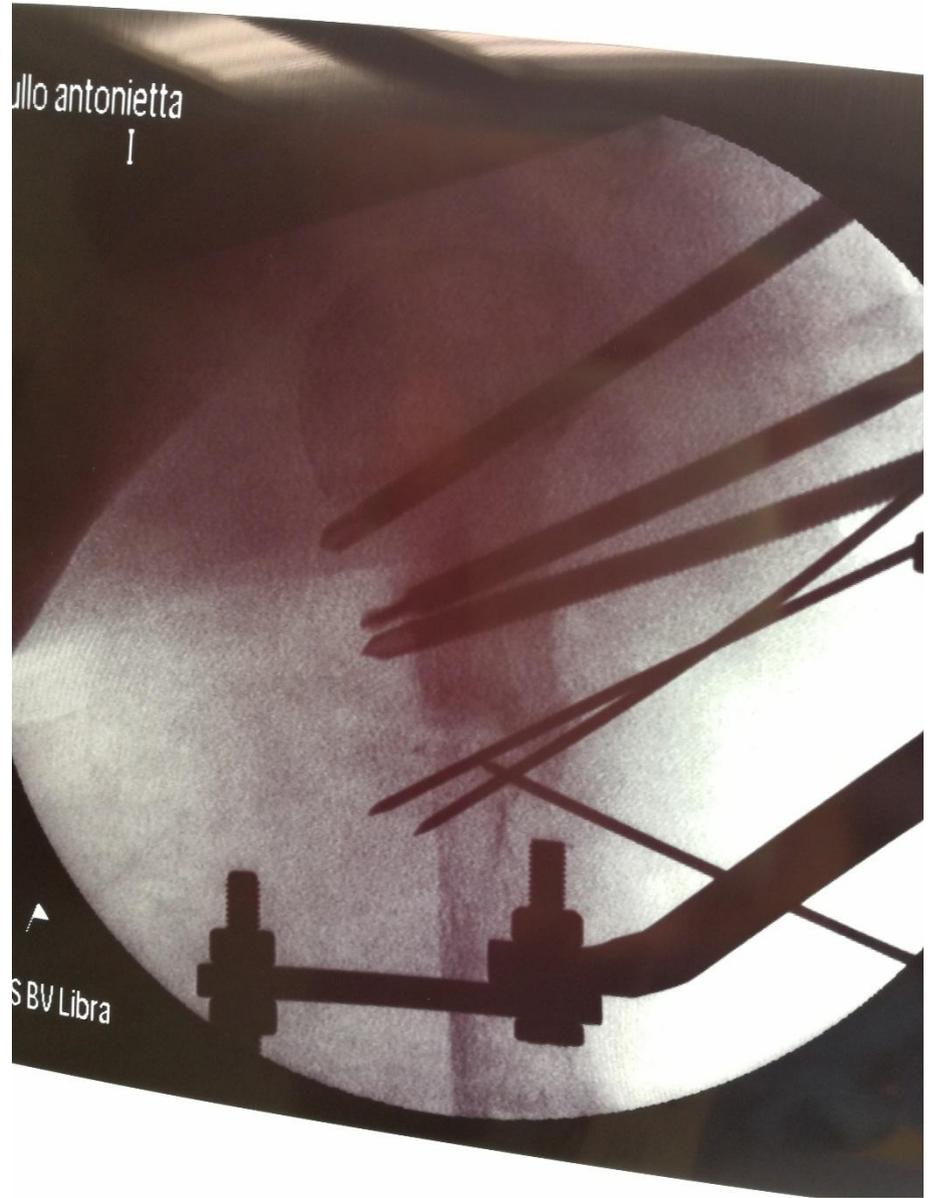
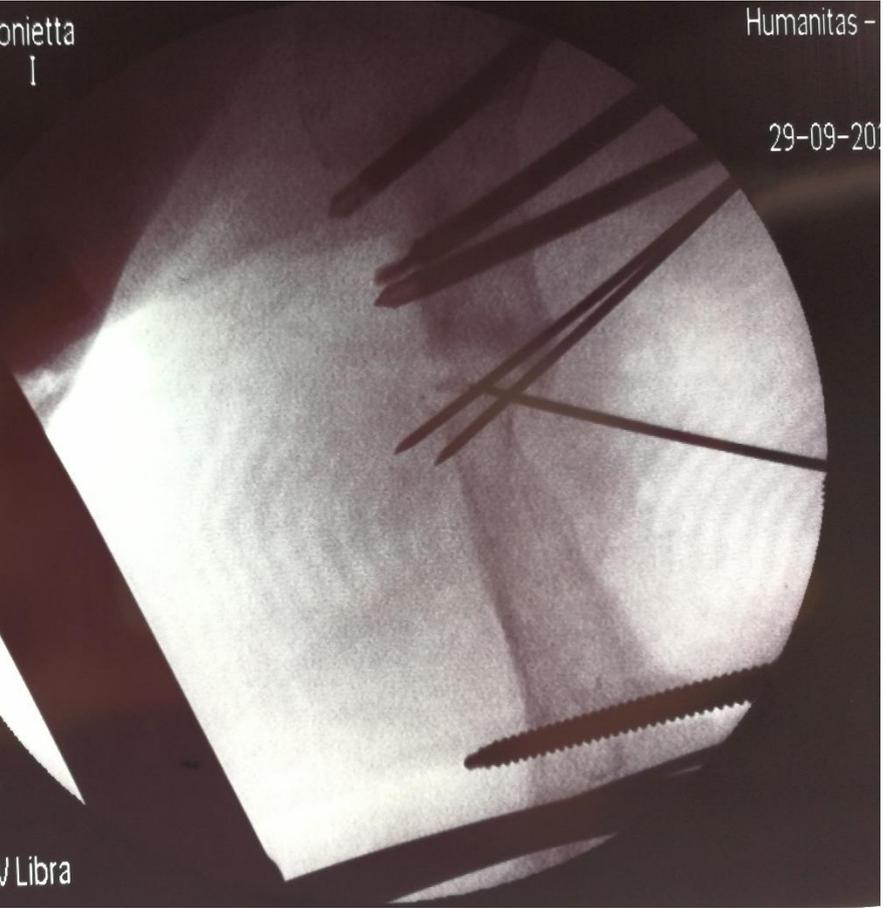


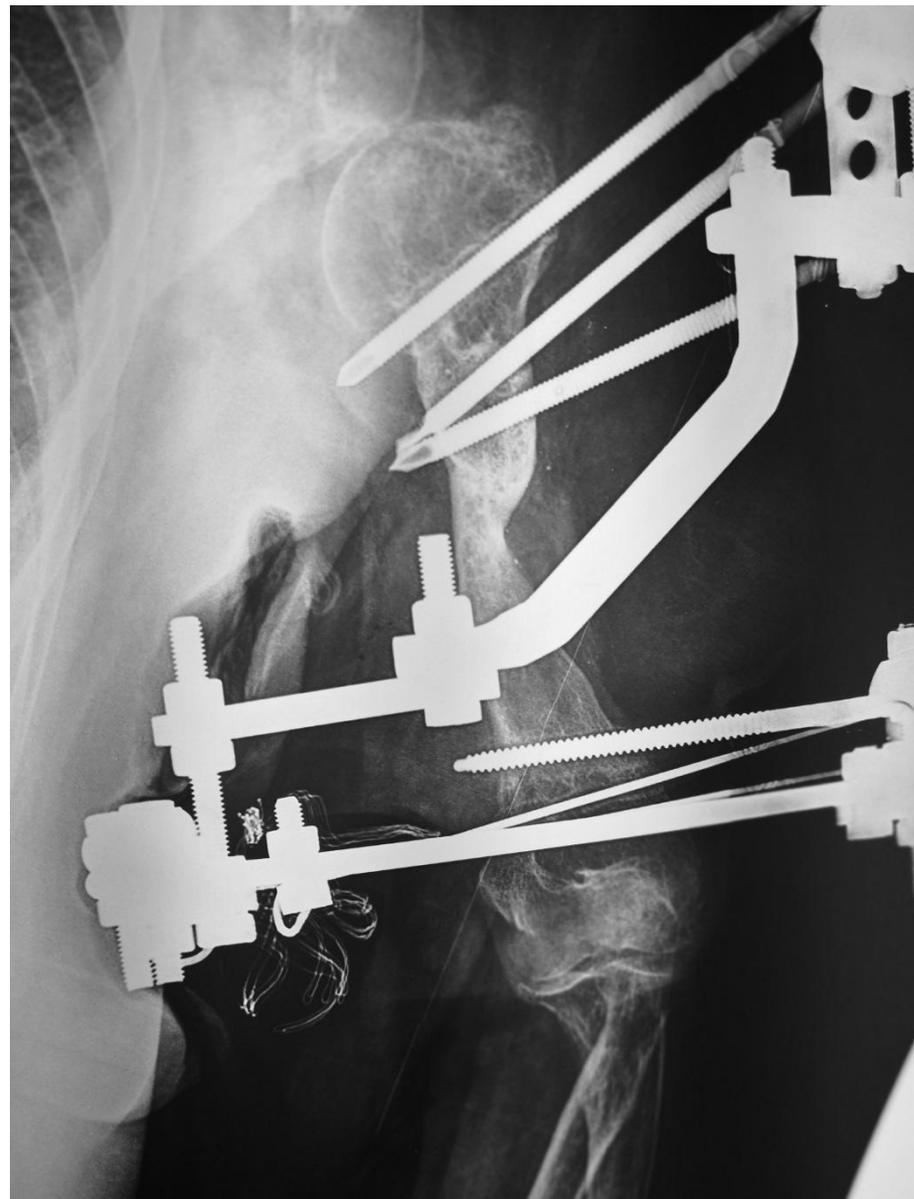
+ 5,3 anni rimozione protesi intercalare, Ilizarov

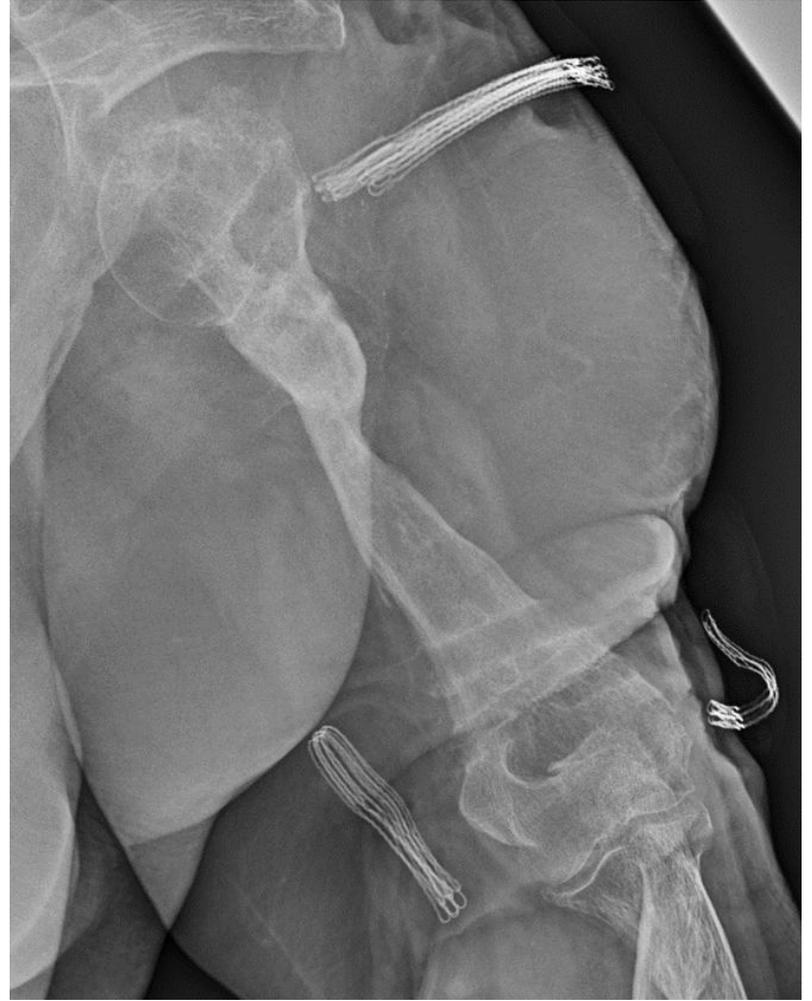




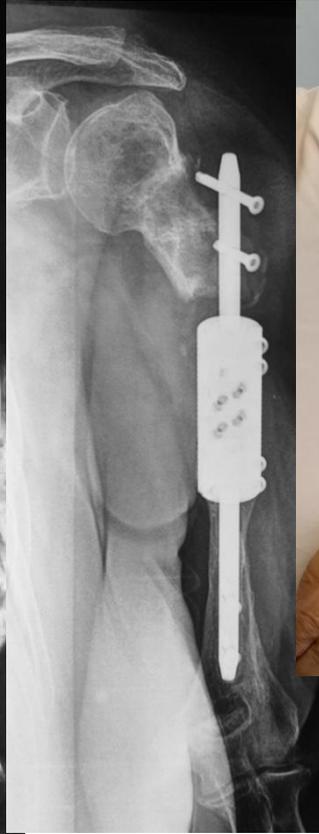
Soglia Finestra

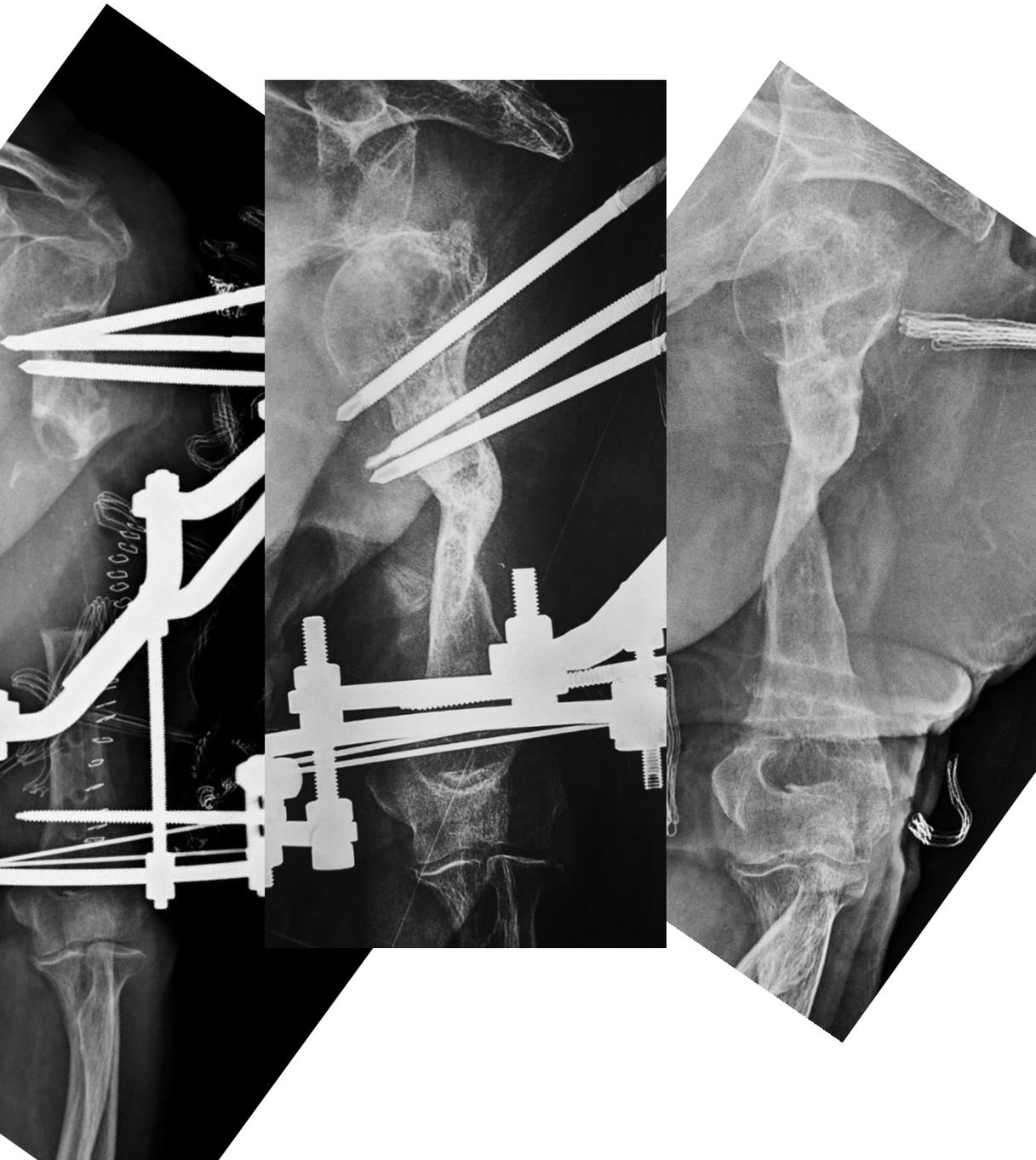






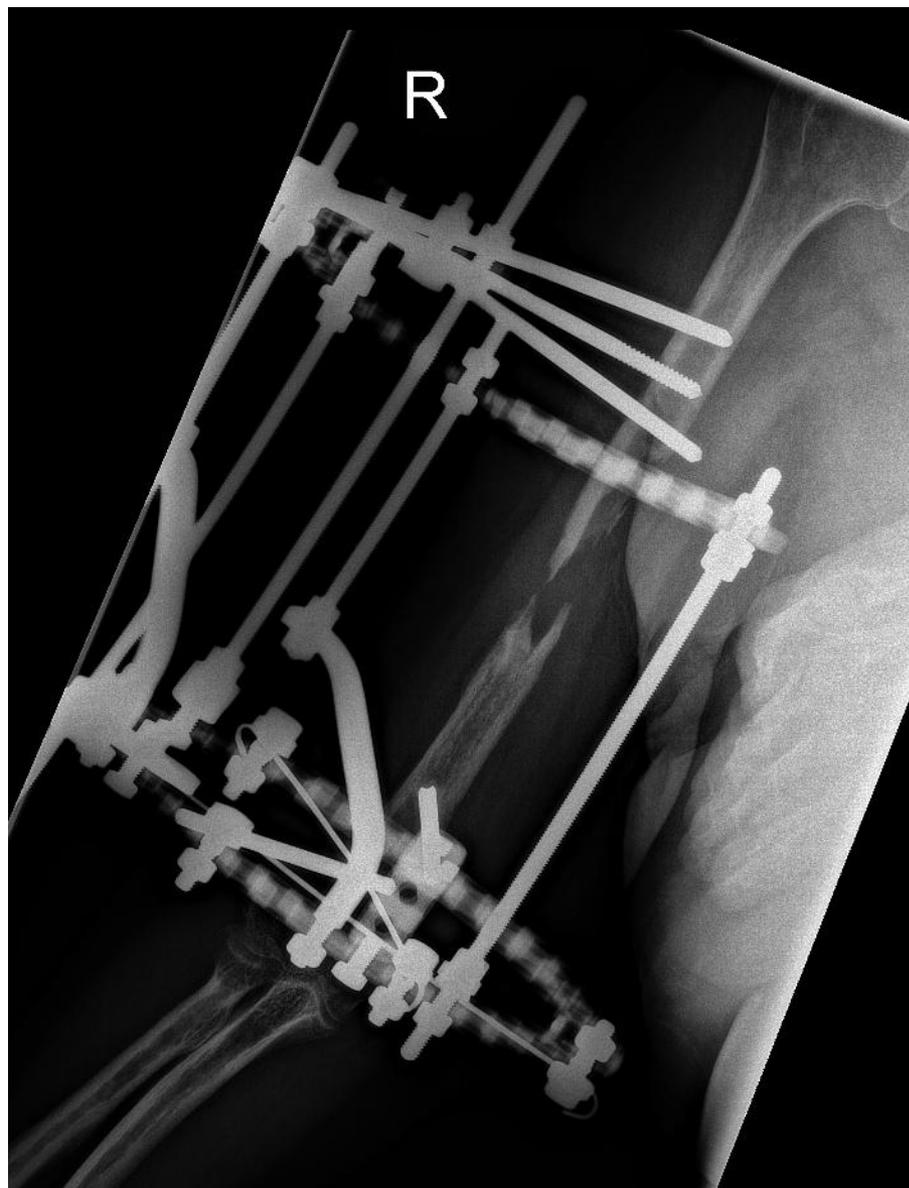






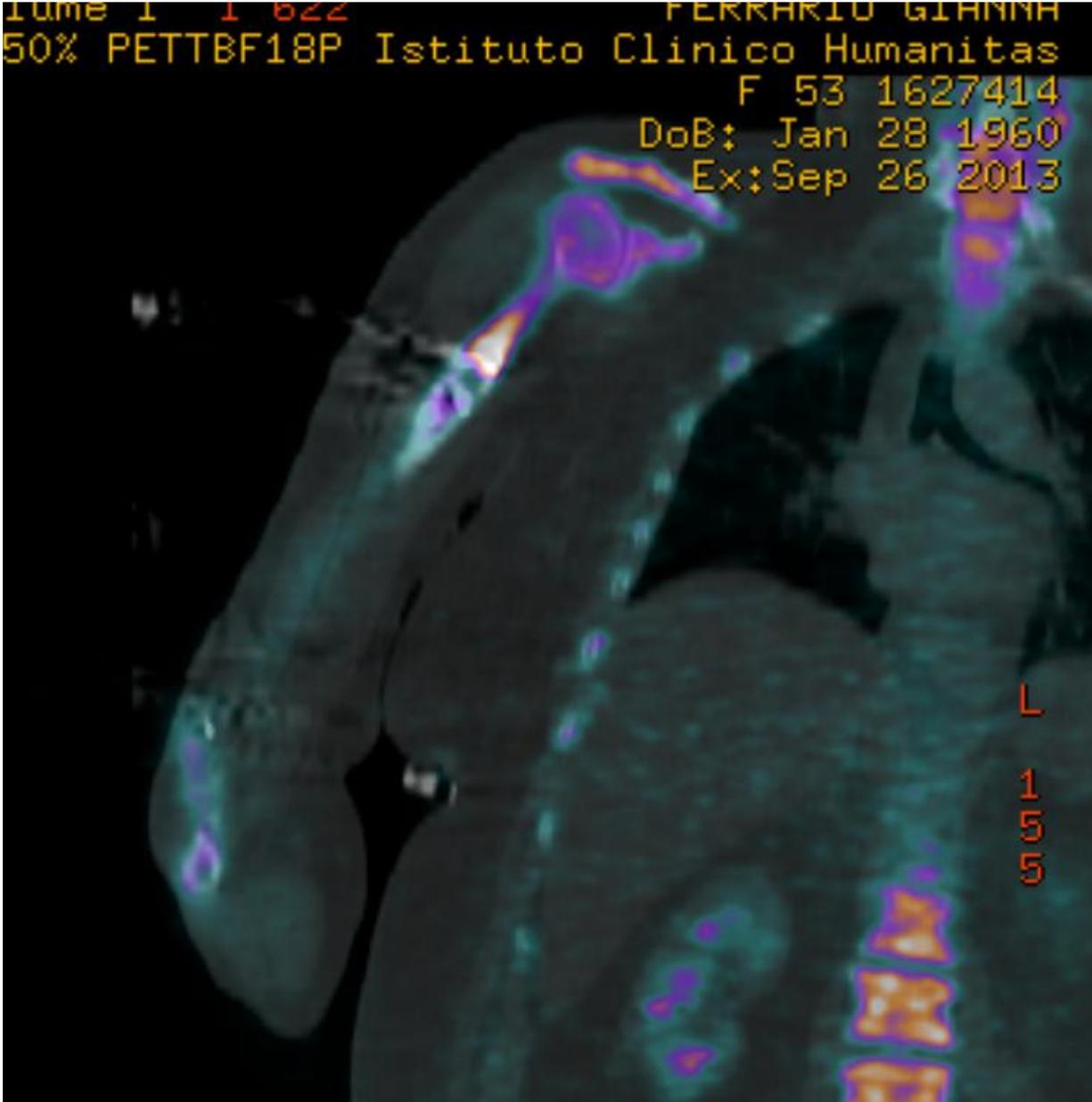
APPARATO PER TRASPORTO OSSEO

45 anni F



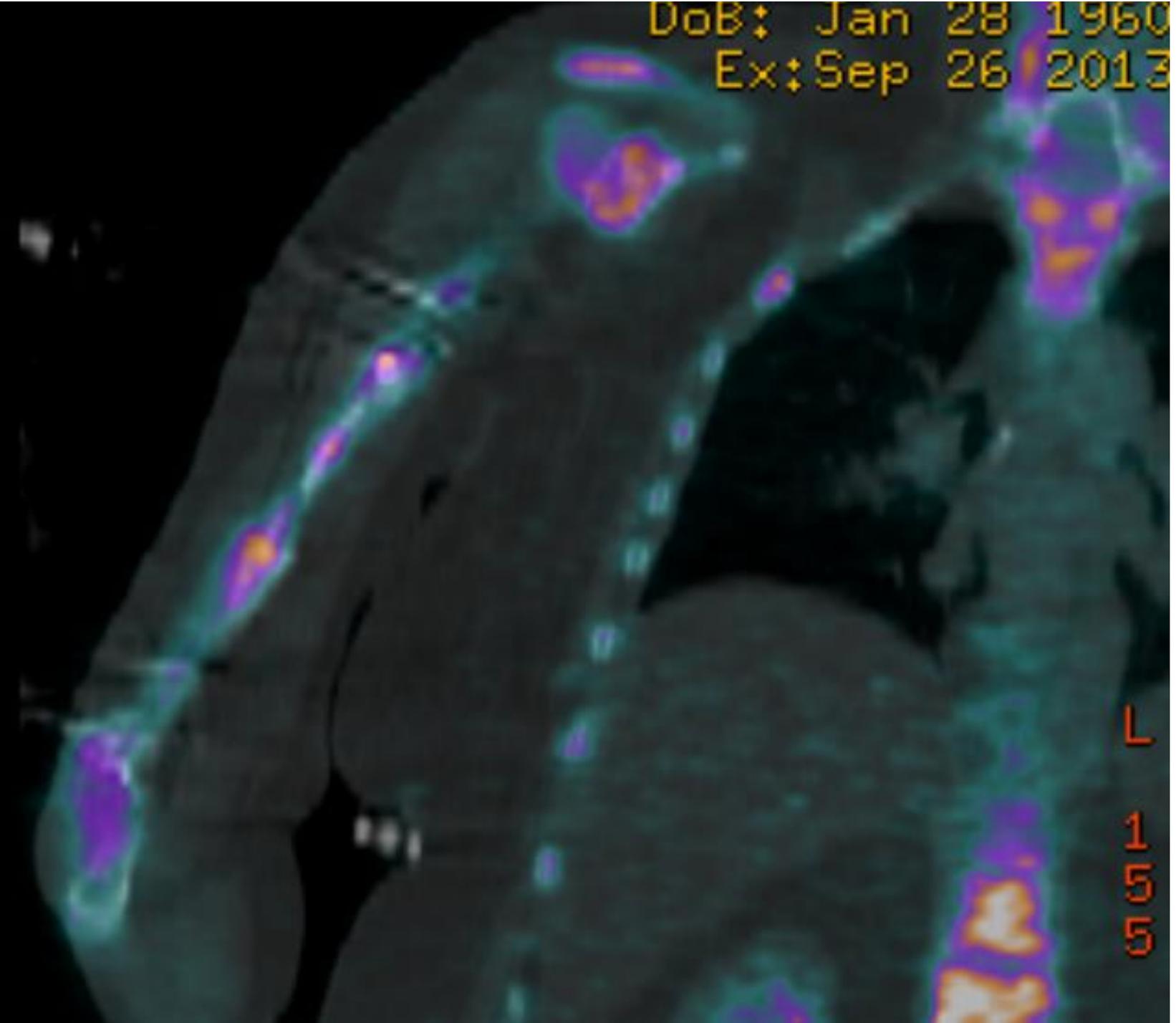


PET scan with Fluoride

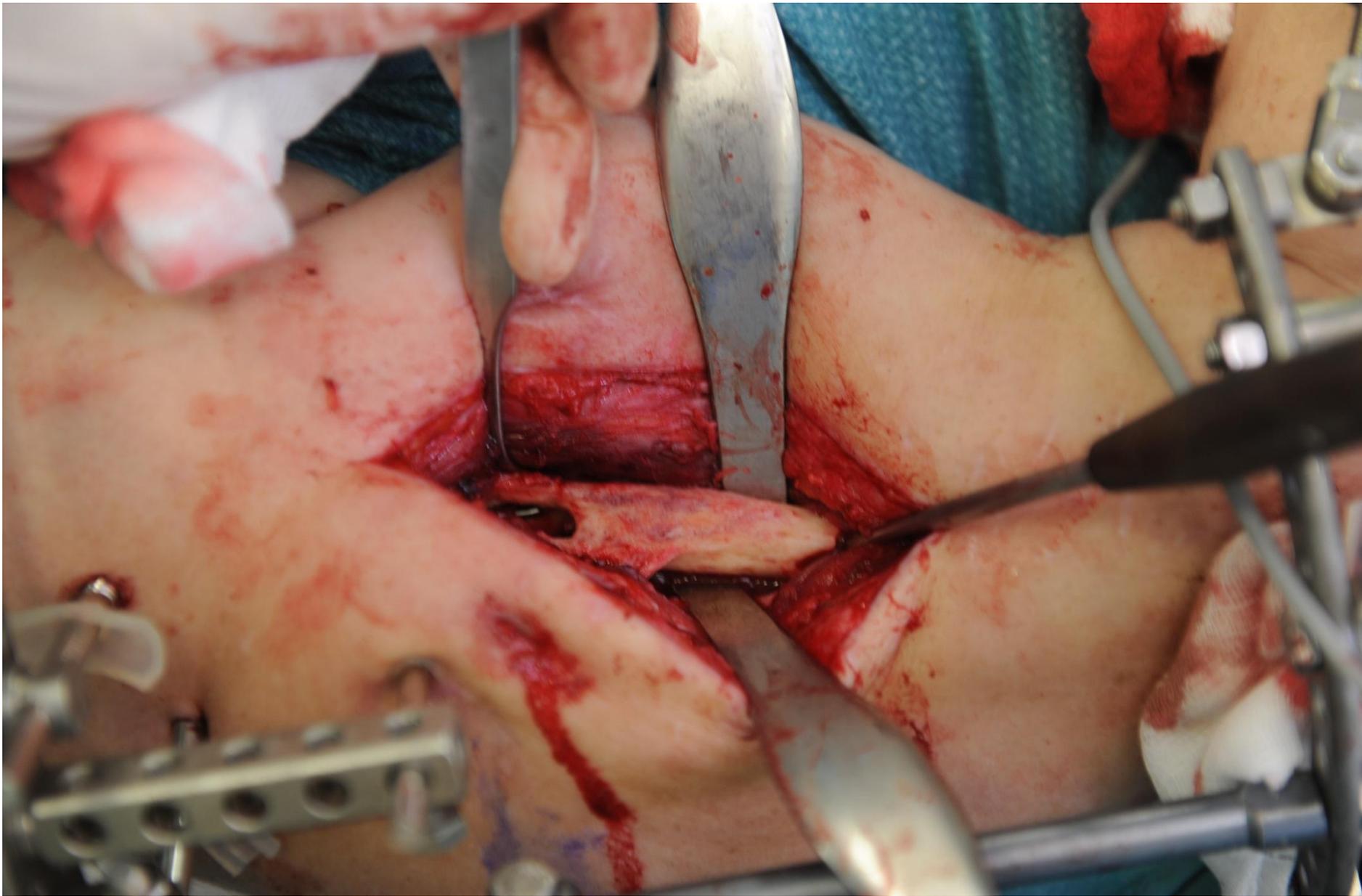


DoB: Jan 28 1960

Ex: Sep 26 2013



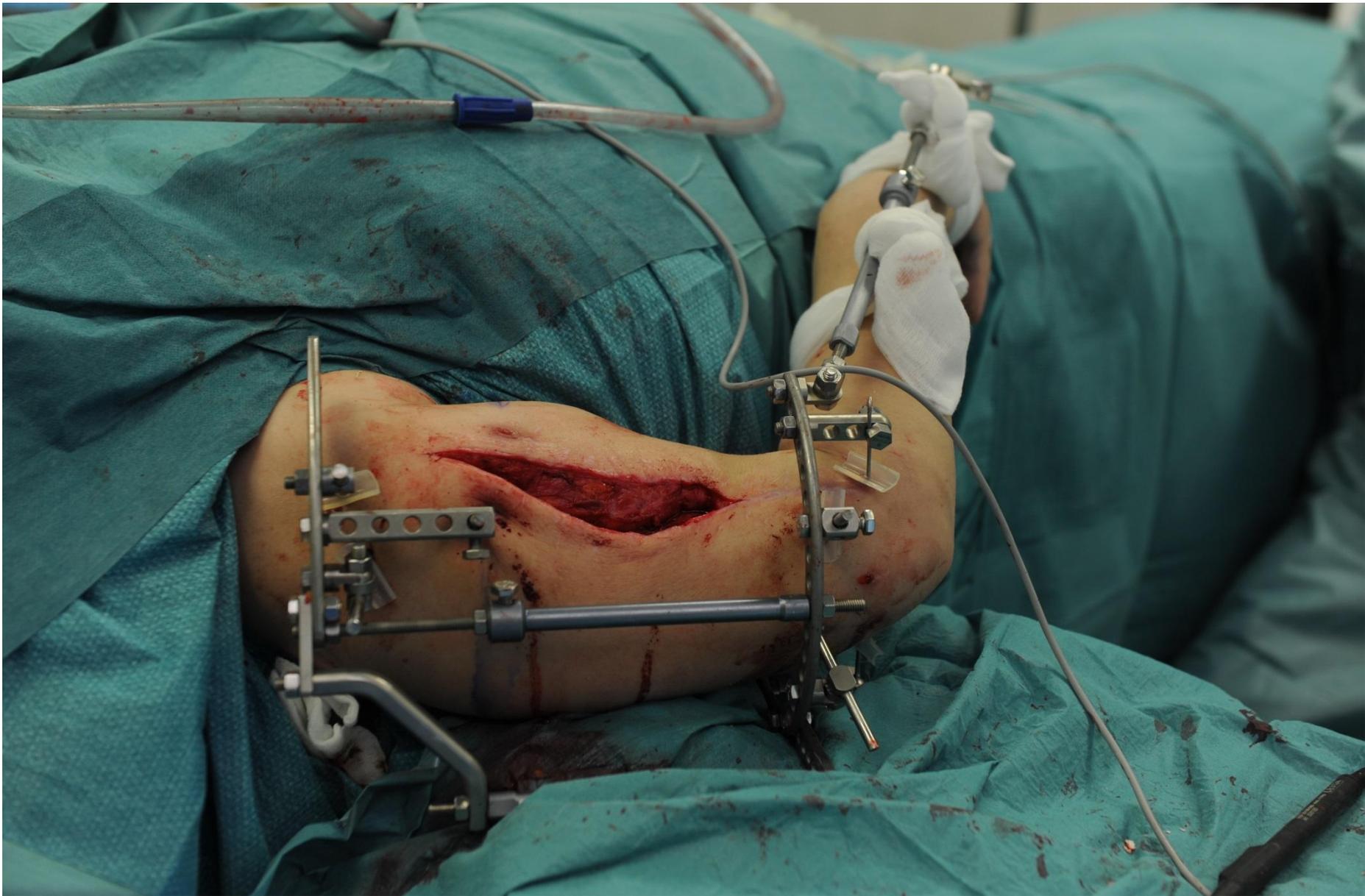
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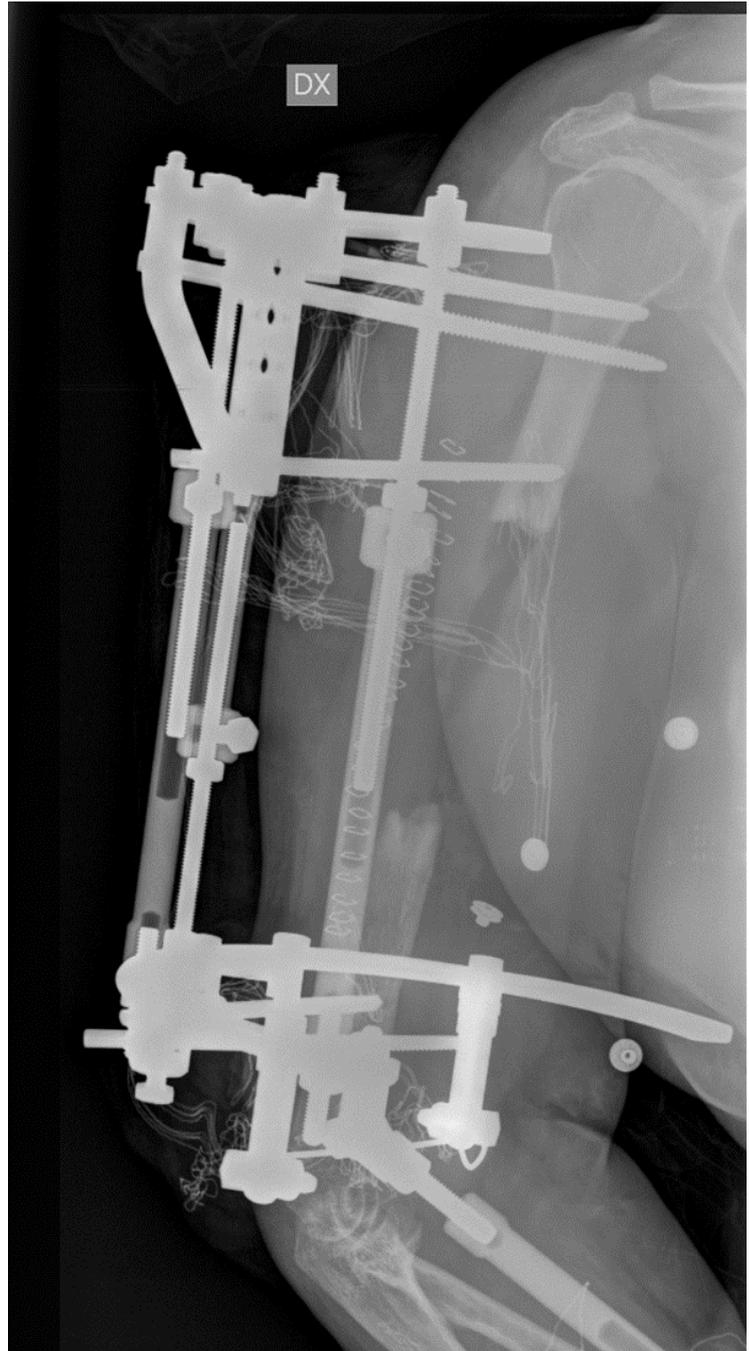
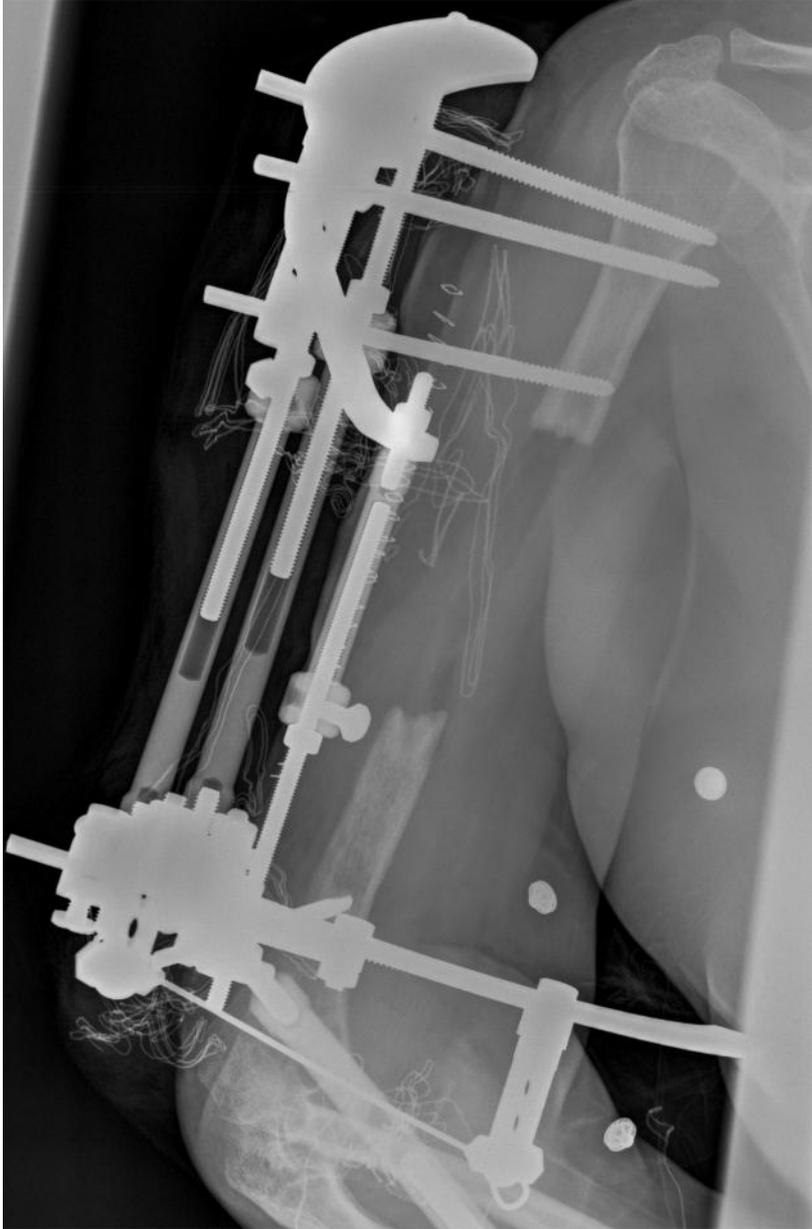








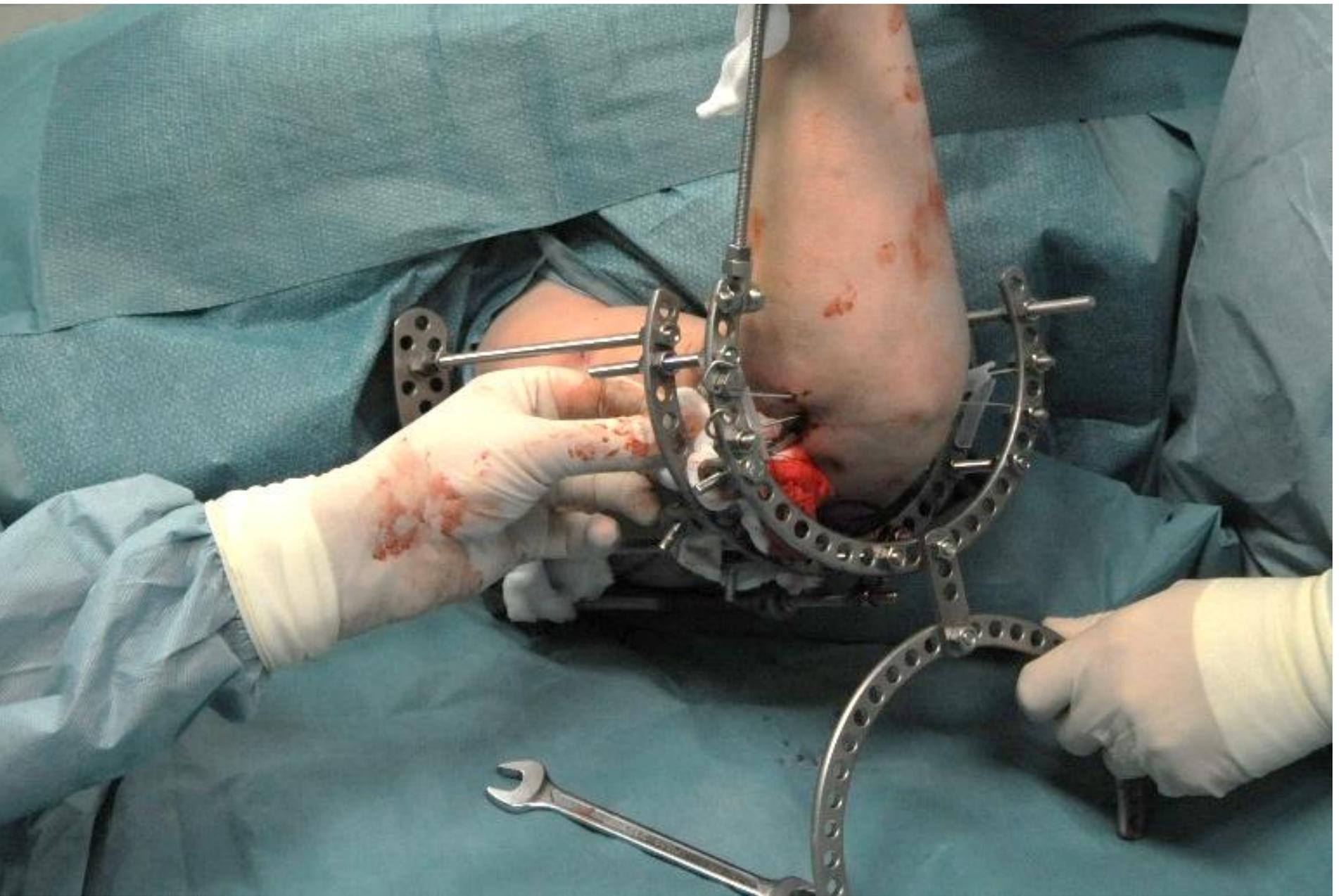






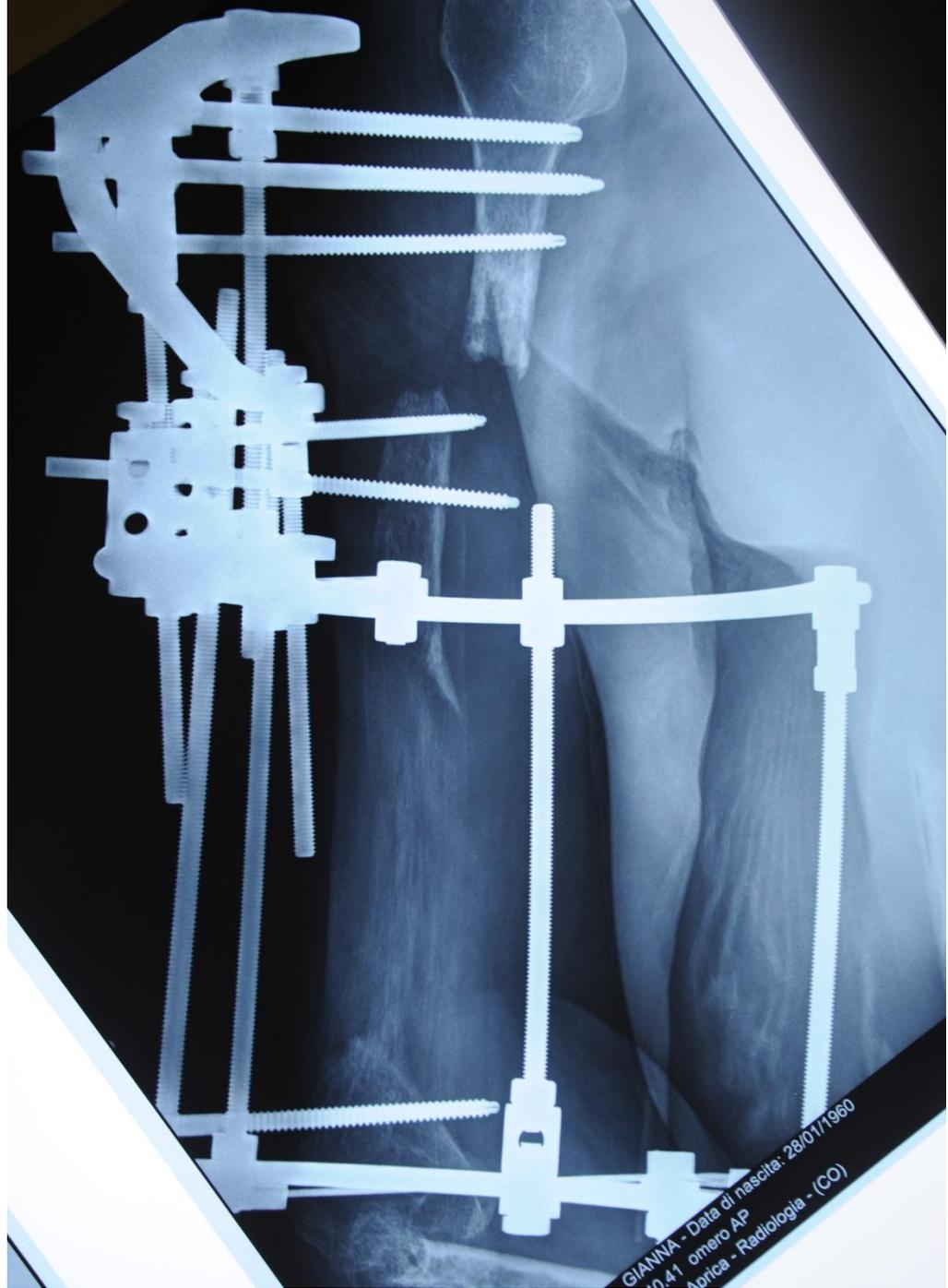
2° tempo: osteotomia distale per allungamento





Trasporto osseo
disto-proximale
di 10 cm

Disallineamento a
livello del
docking-site





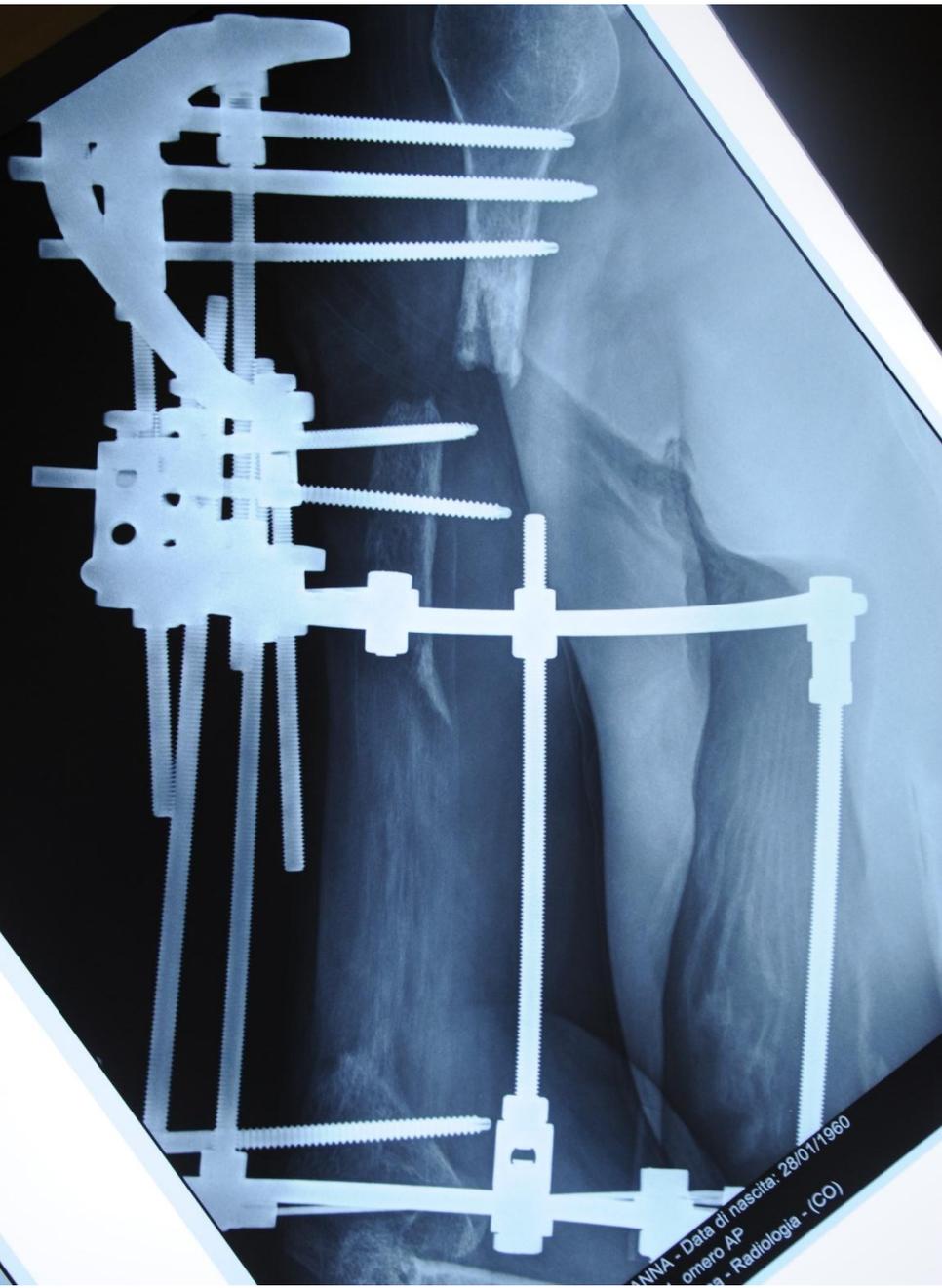
SISTEMA DI TRASLAZIONE PROGRESSIVA



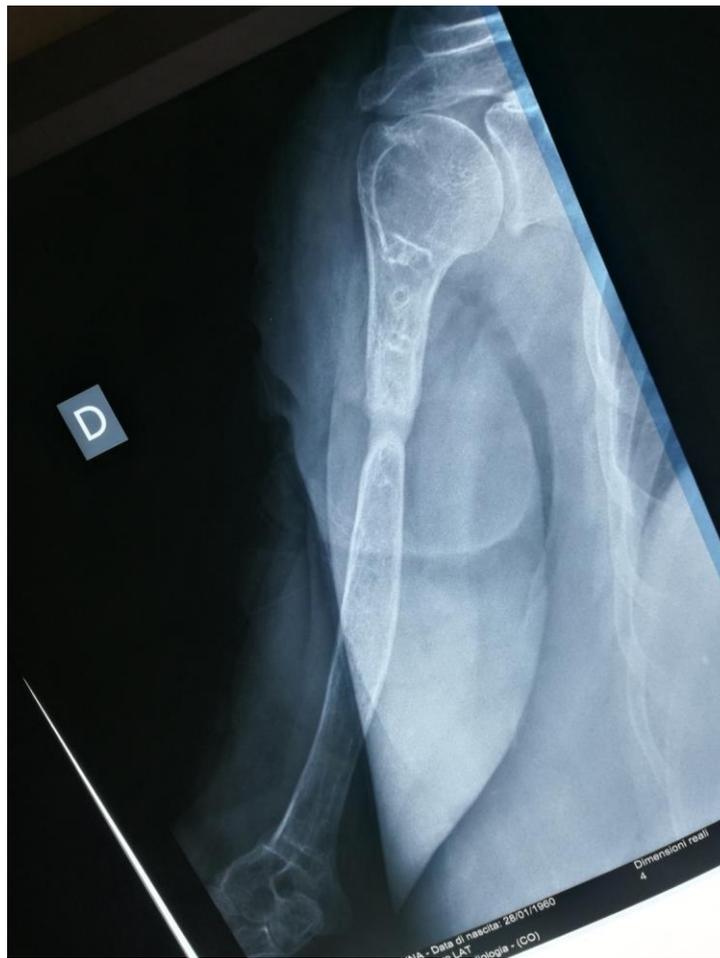
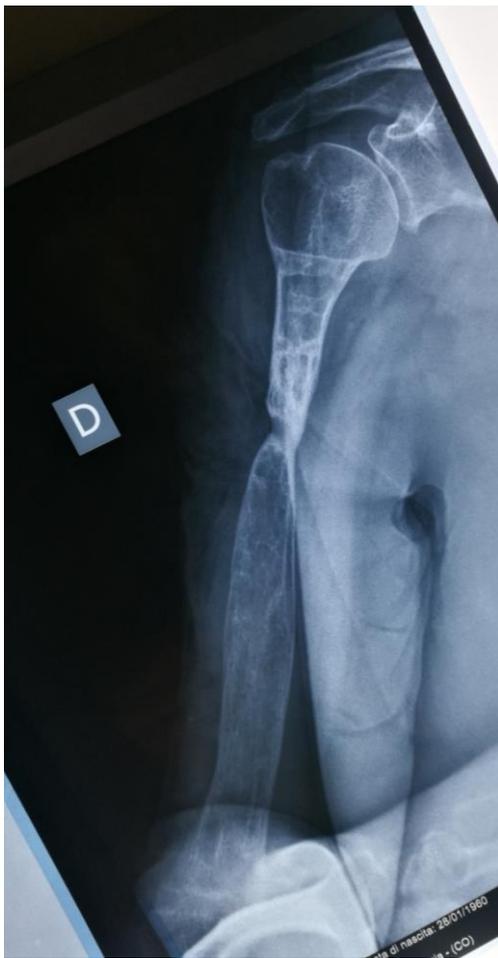
SISTEMA DI TRASLAZIONE PROGRESSIVA



SISTEMA DI TRASLAZIONE PROGRESSIVA



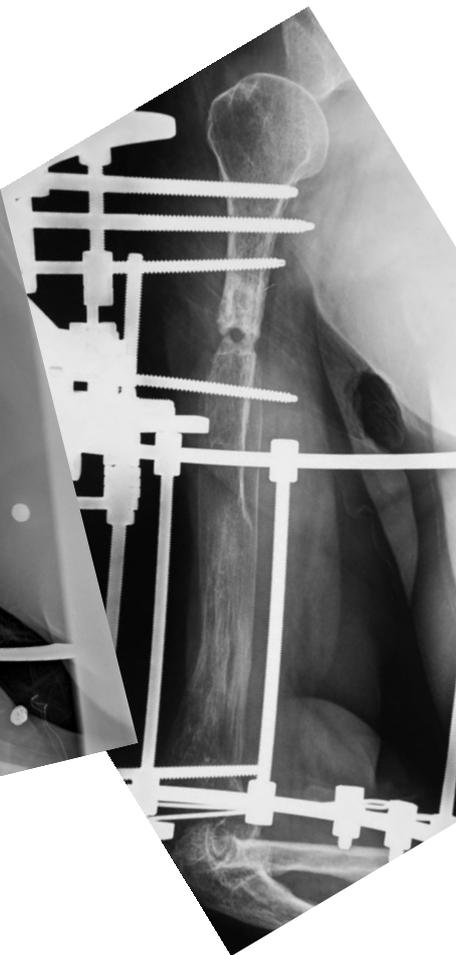
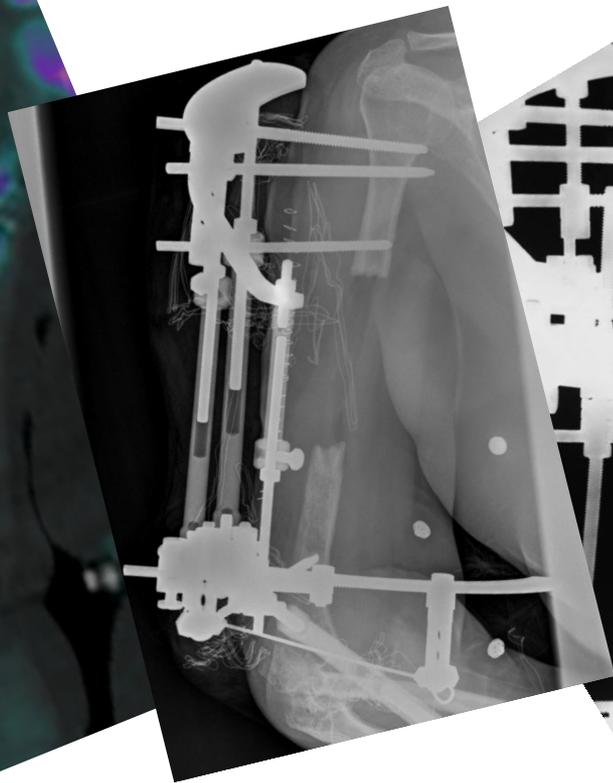
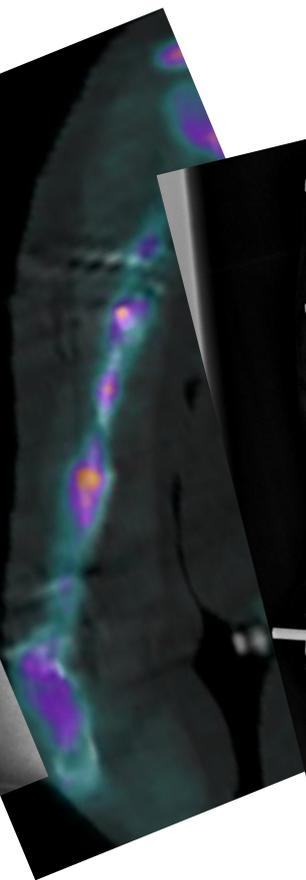
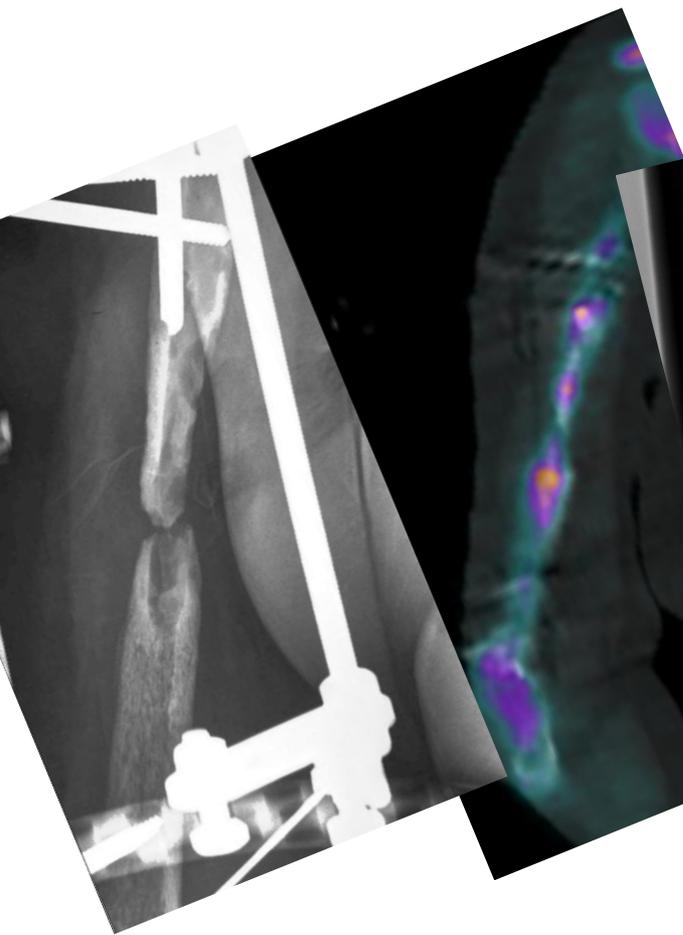
2 mesi dopo la rimozione





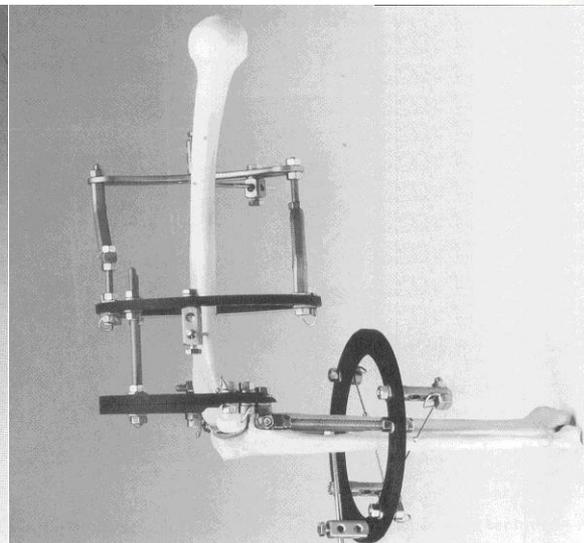
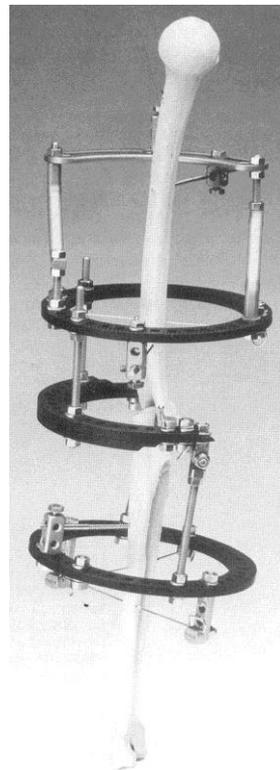
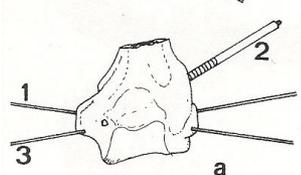
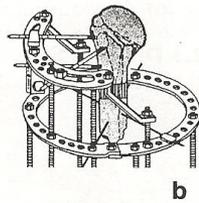
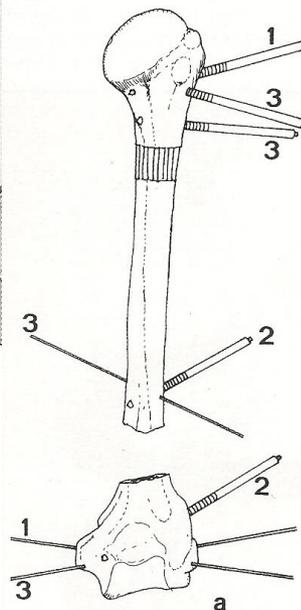
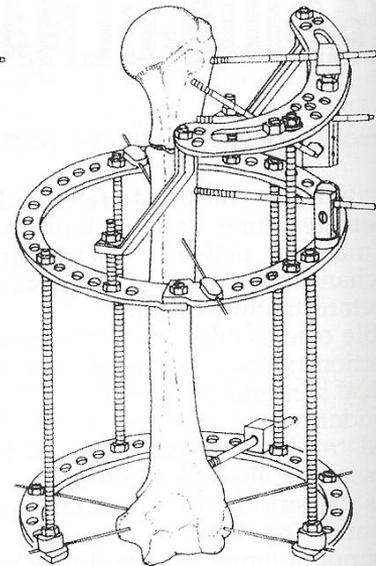
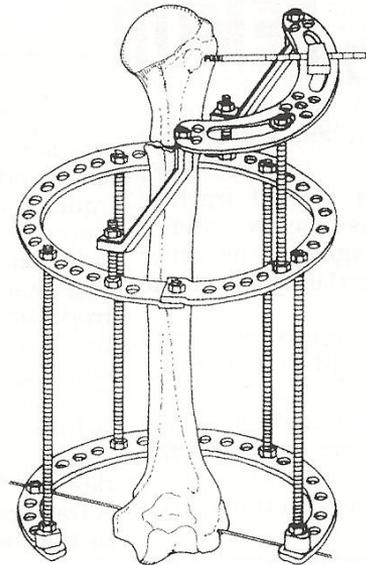
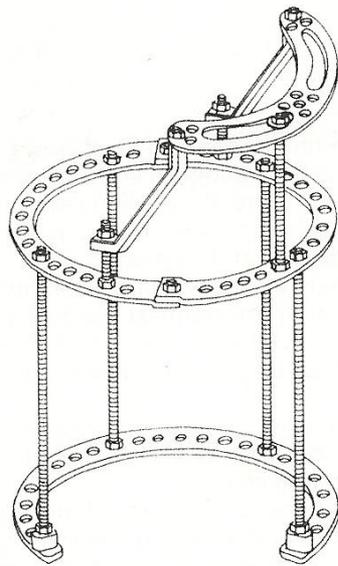
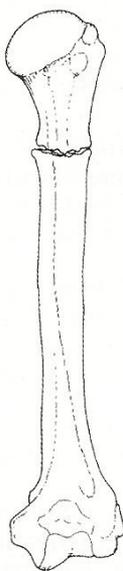
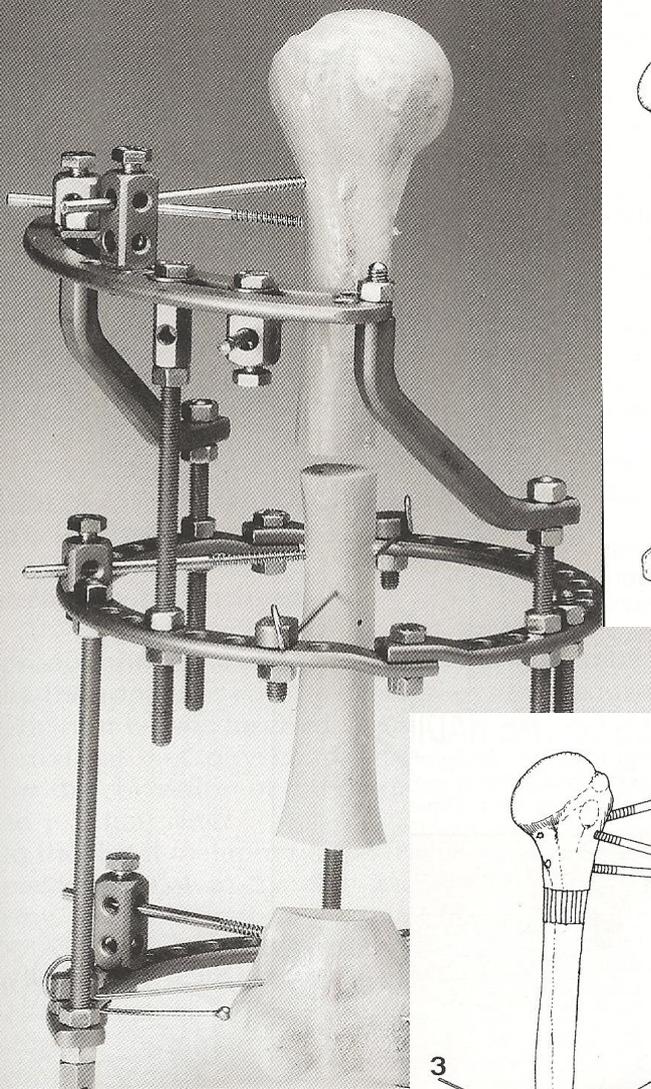






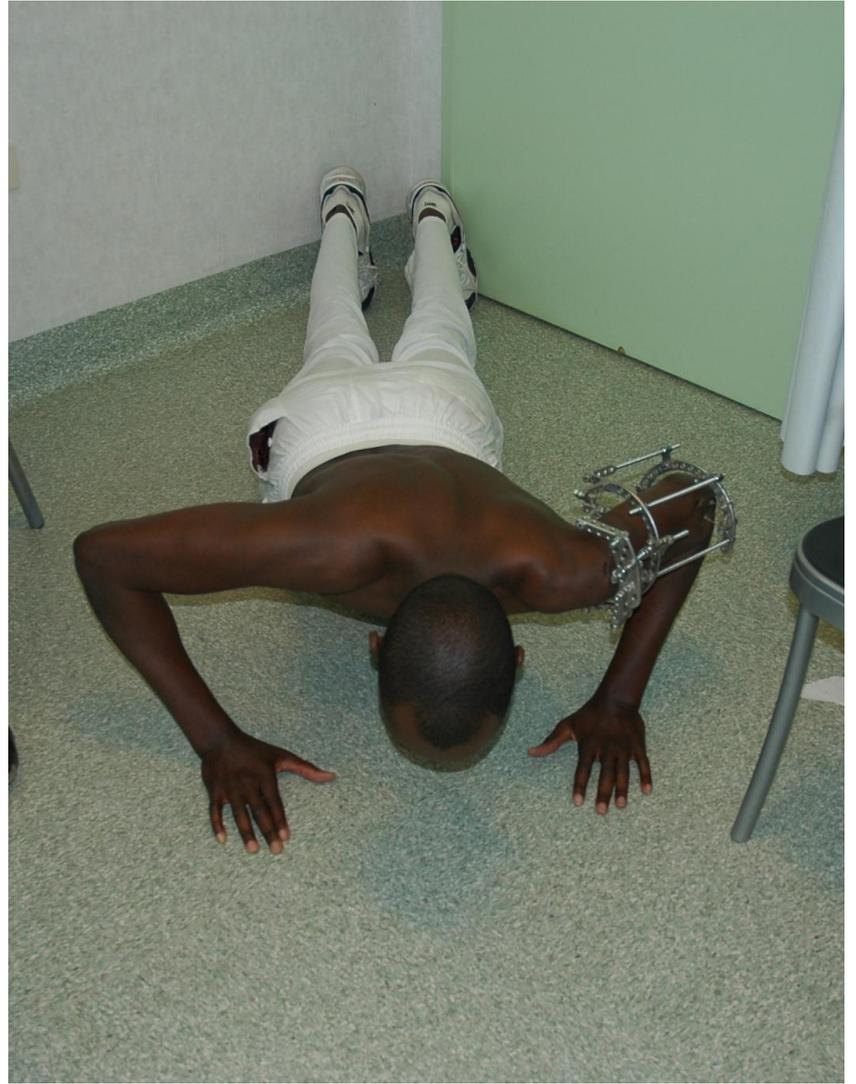
CRITICITA' DEL FISSATORE ESTERNO

- Scomodità?
- Ingombro?
- Infezioni dei tramiti?
- Impegno chirurgico?
- Degenza lunga?



VANTAGGI DEL FISSATORE ESTERNO

- Stabilità!
- Mobilizzazione immediata!
- Minor invasività chirurgica!
- Indicazione in casi di pseudoartrosi settica!
- Non necessità di trapianti o sostituti ossei!





Buongiorno Dottore spero di trovarla bene. Le scrivo questo messaggio e le mando questa foto perché questo WE sono finalmente riuscito a tornare a gareggiare dopo quasi 2 anni di fissatore. La voglio ringraziare perché se non l'avessi conosciuta probabilmente questo non sarebbe stato possibile. È merito suo 🙏. Grazie per tutto