

# Esapodalico vs Ilizarov deformità complesse torsionali e traslazioni

*Malagoli E, Vandembulcke F, Kirienko A*

35 y.o. male  
Congenital pseudoarthrosis, Left tibia  
treated in the early age

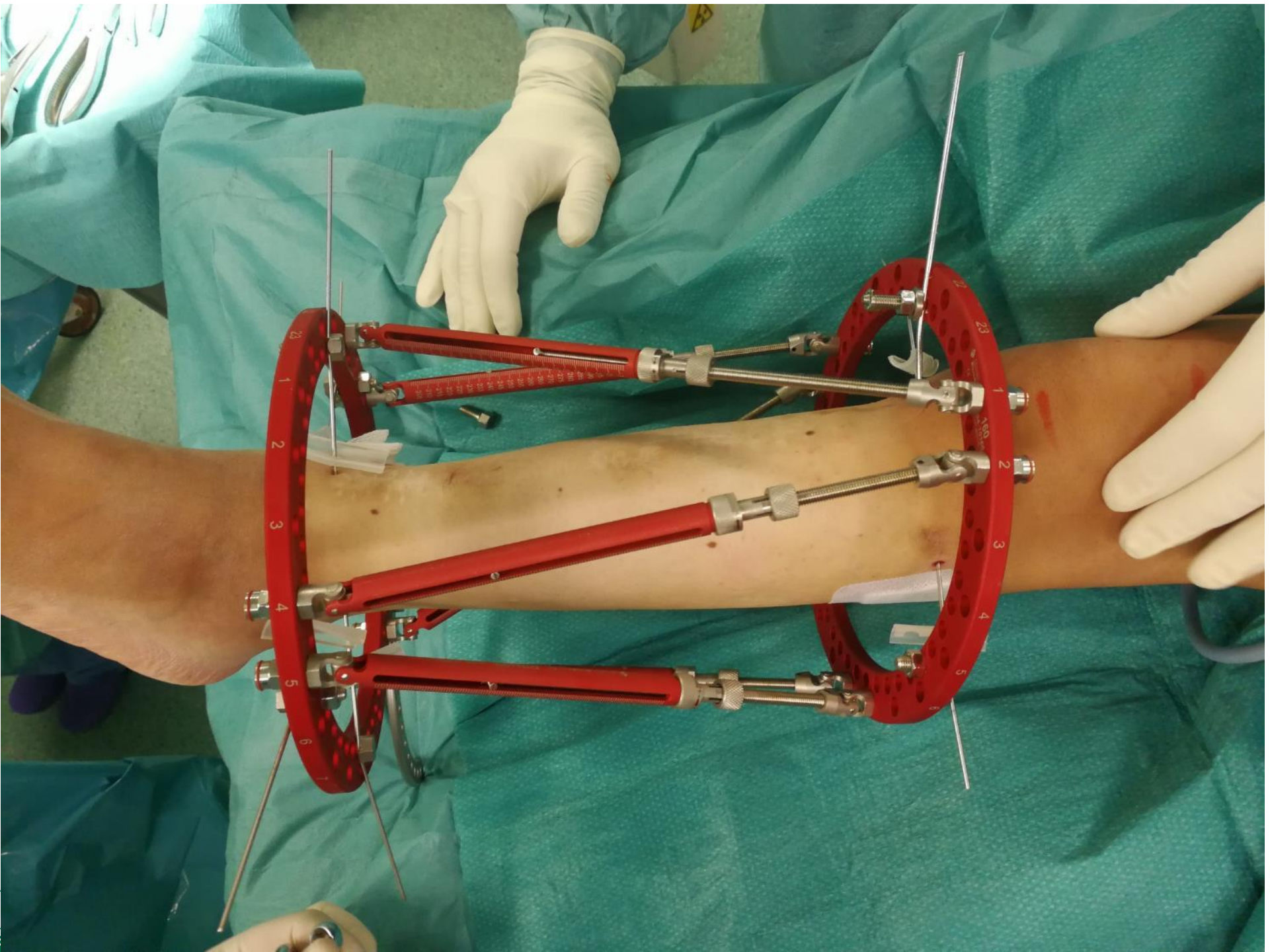
***Residual deformity***

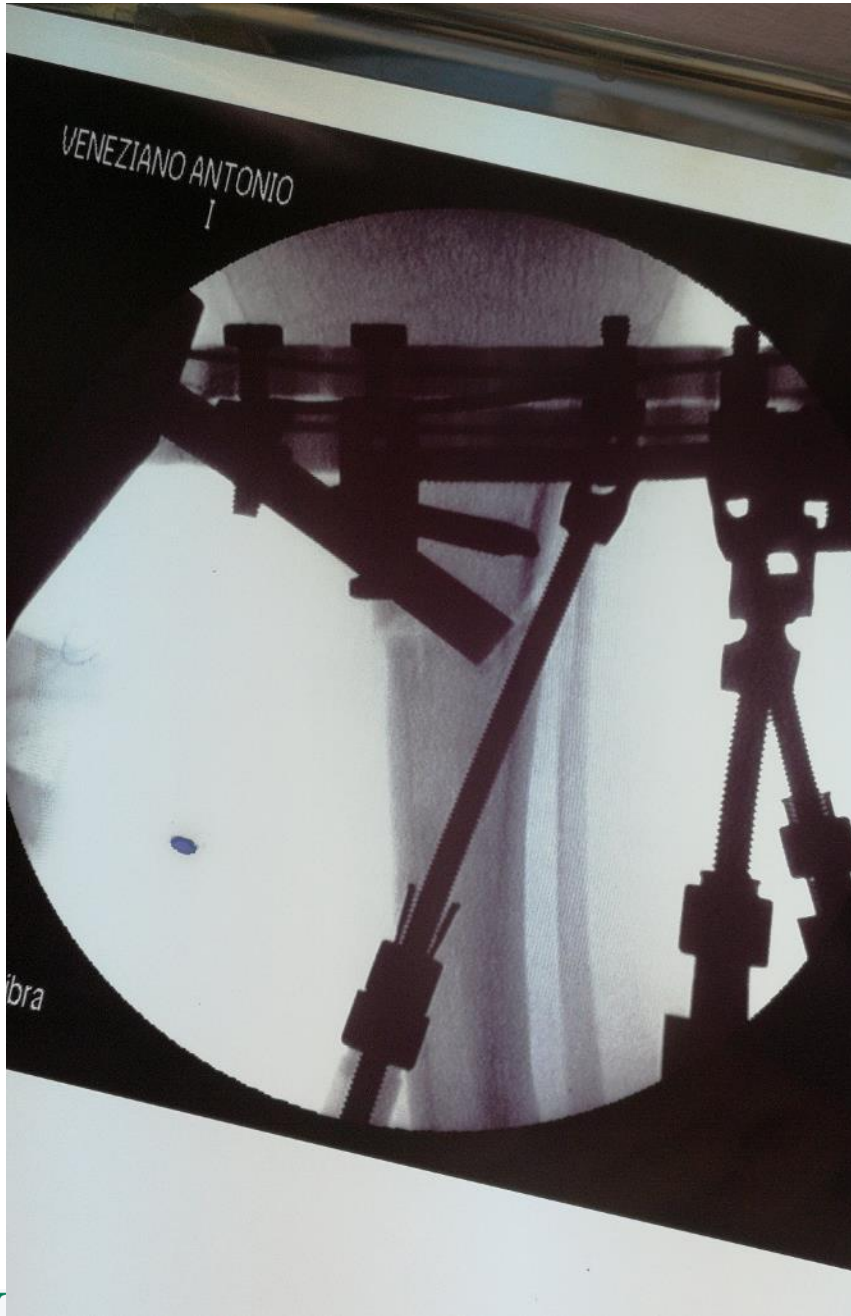
- LLD 8 cm,
- internal torsion 40 degrees,
- valgus knee

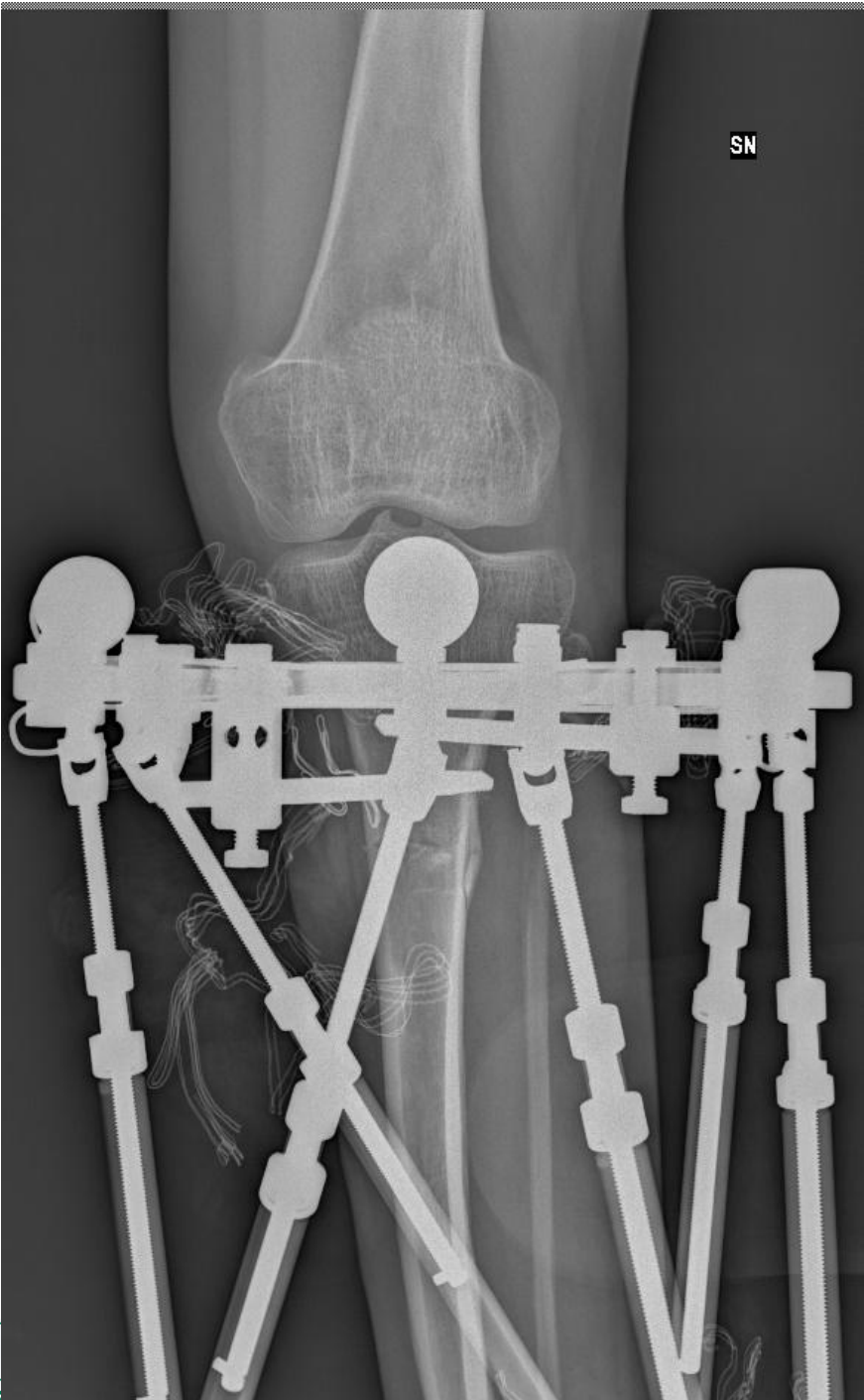












1-Case Management

2-Mounting Parameters

3-Geometry

4-Deformity

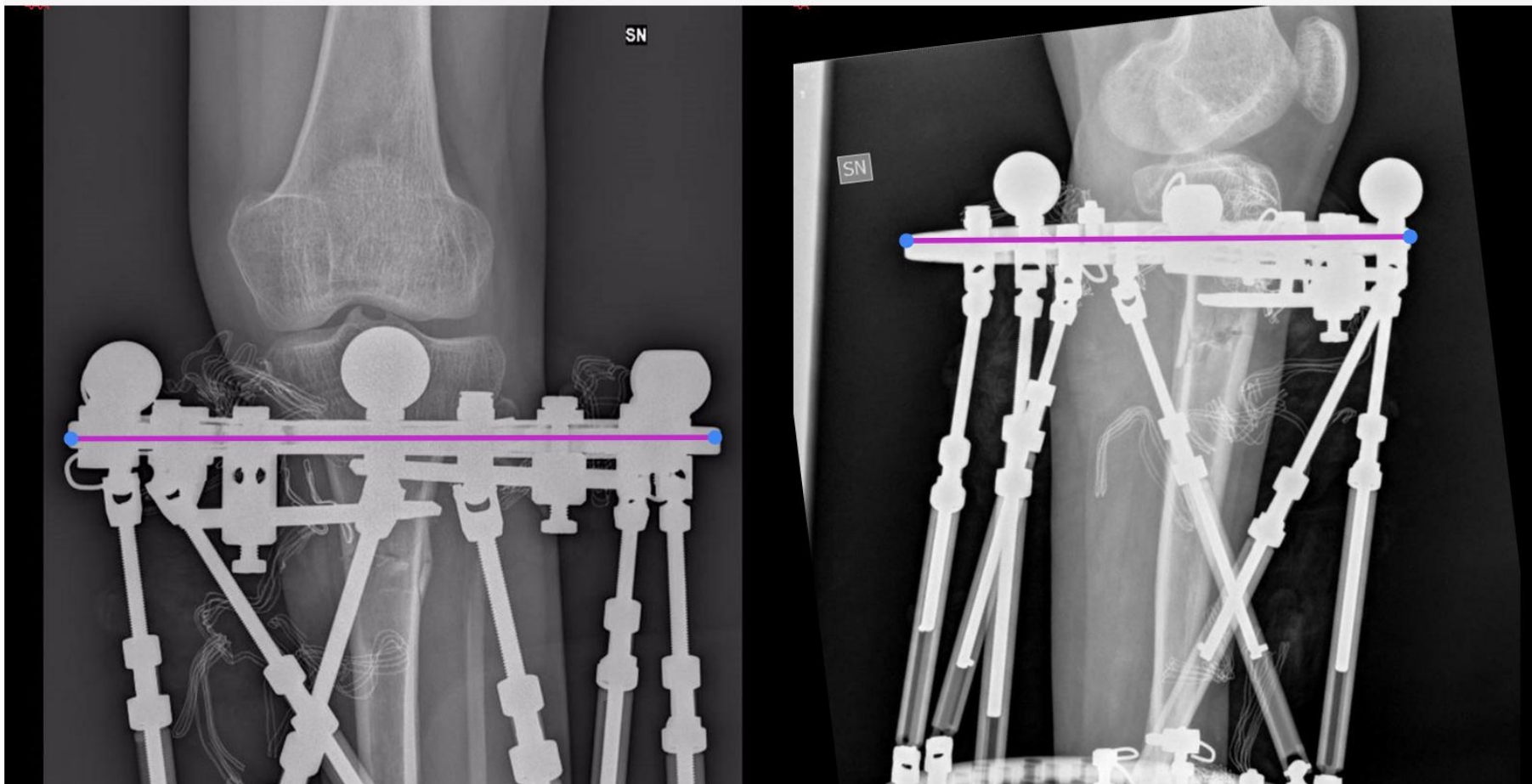
5-Correction Plan

6-Prescription

### Geometry Description



Trace a line corresponding to the widest diameter of Reference Ring on AP view and Lateral view.



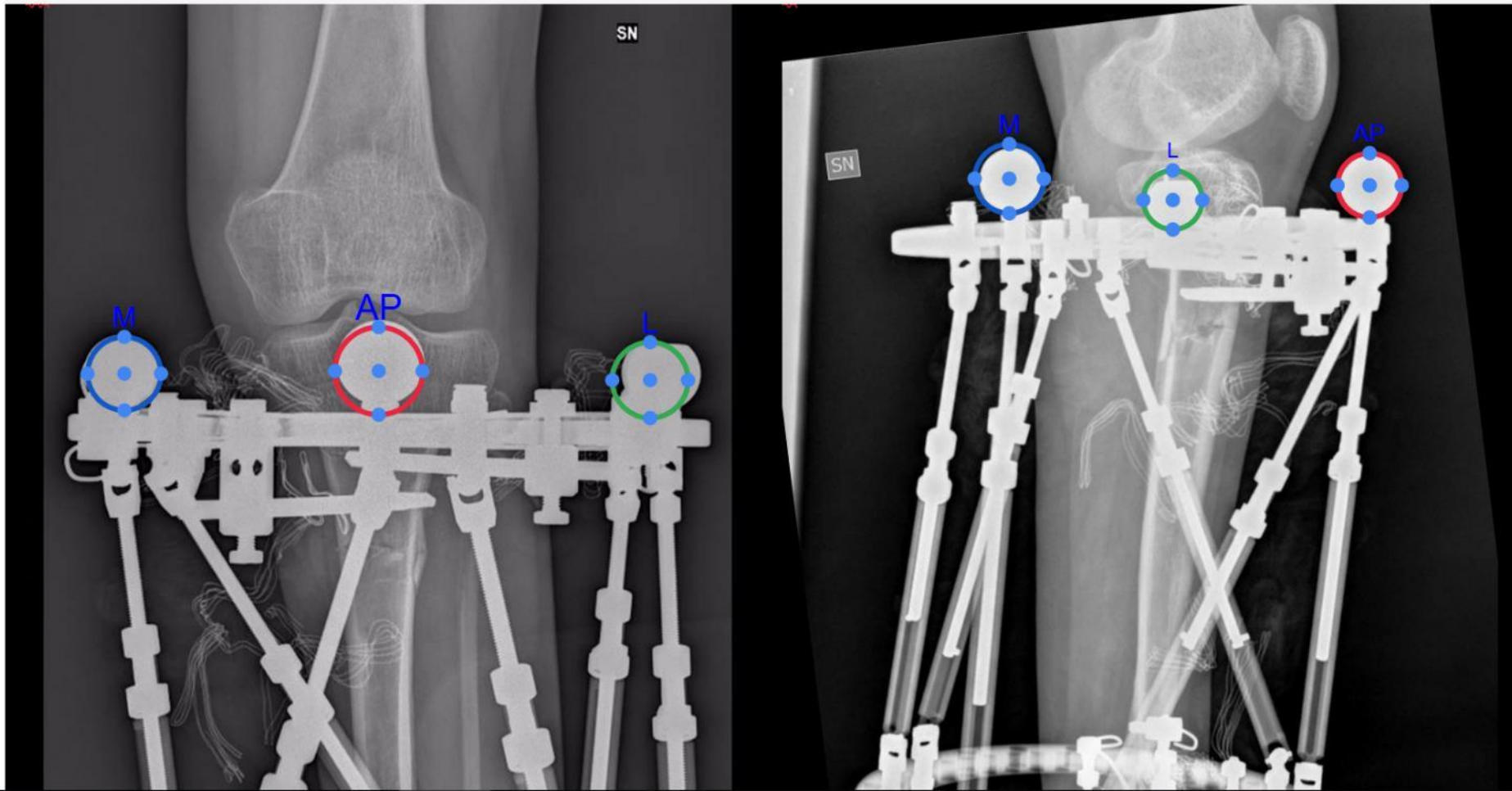


[1-Case Management](#)
[2-Mounting Parameters](#)
[3-Geometry](#)
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### Geometry Description



Resize and move coloured circles till their edges and centres match edges and centres of the spheres; each colour corresponds to a specific position



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### Geometry Description

1

Adjust Images

2

Ring Diameter Calibration

3

Reference Triangle

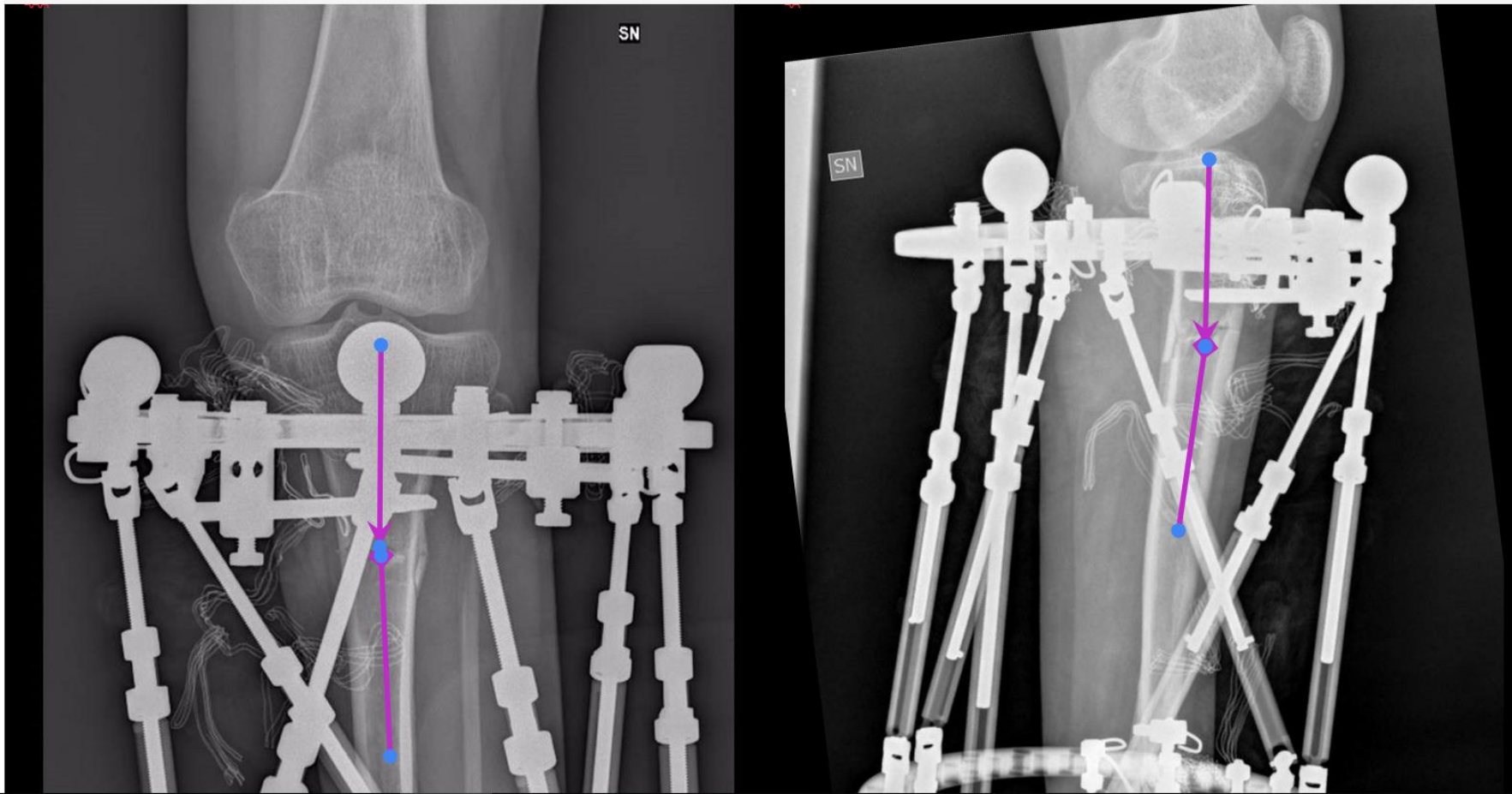
4

Bone Segment

x

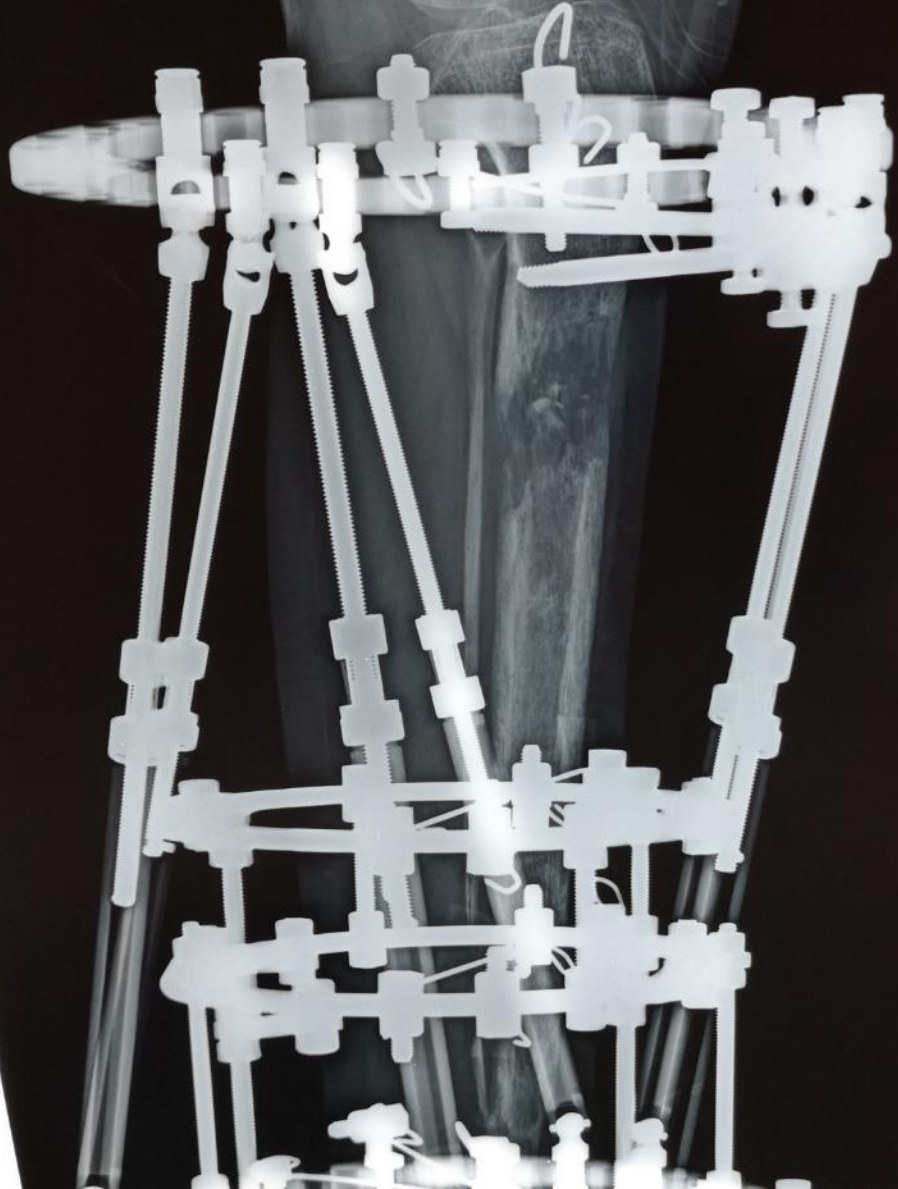
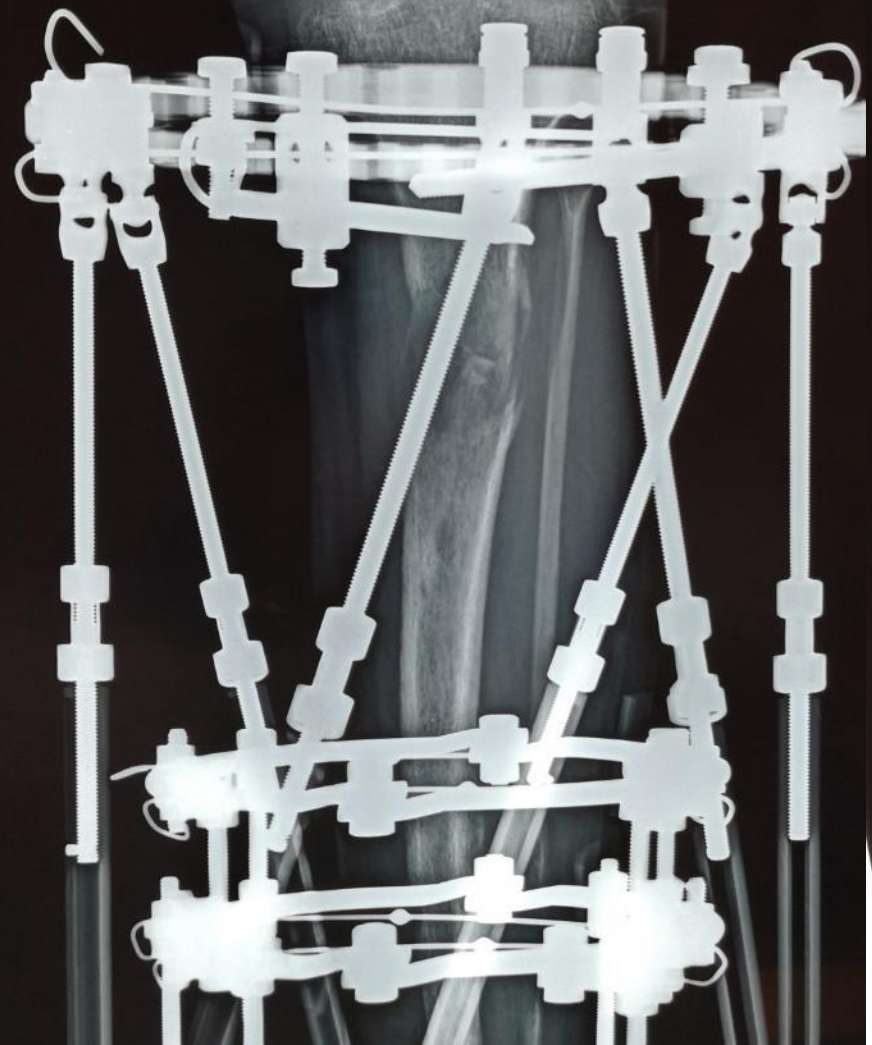
Reset

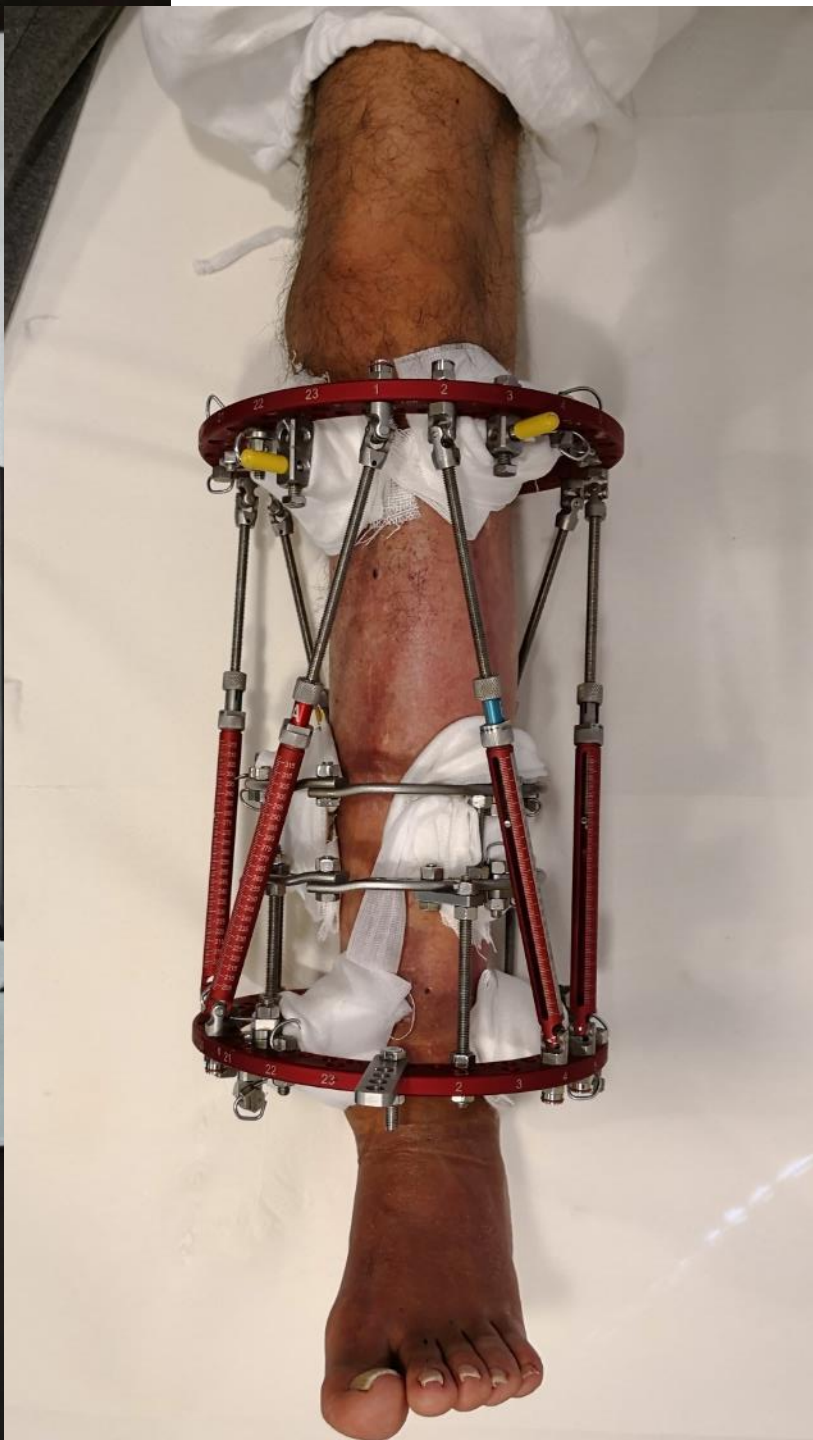
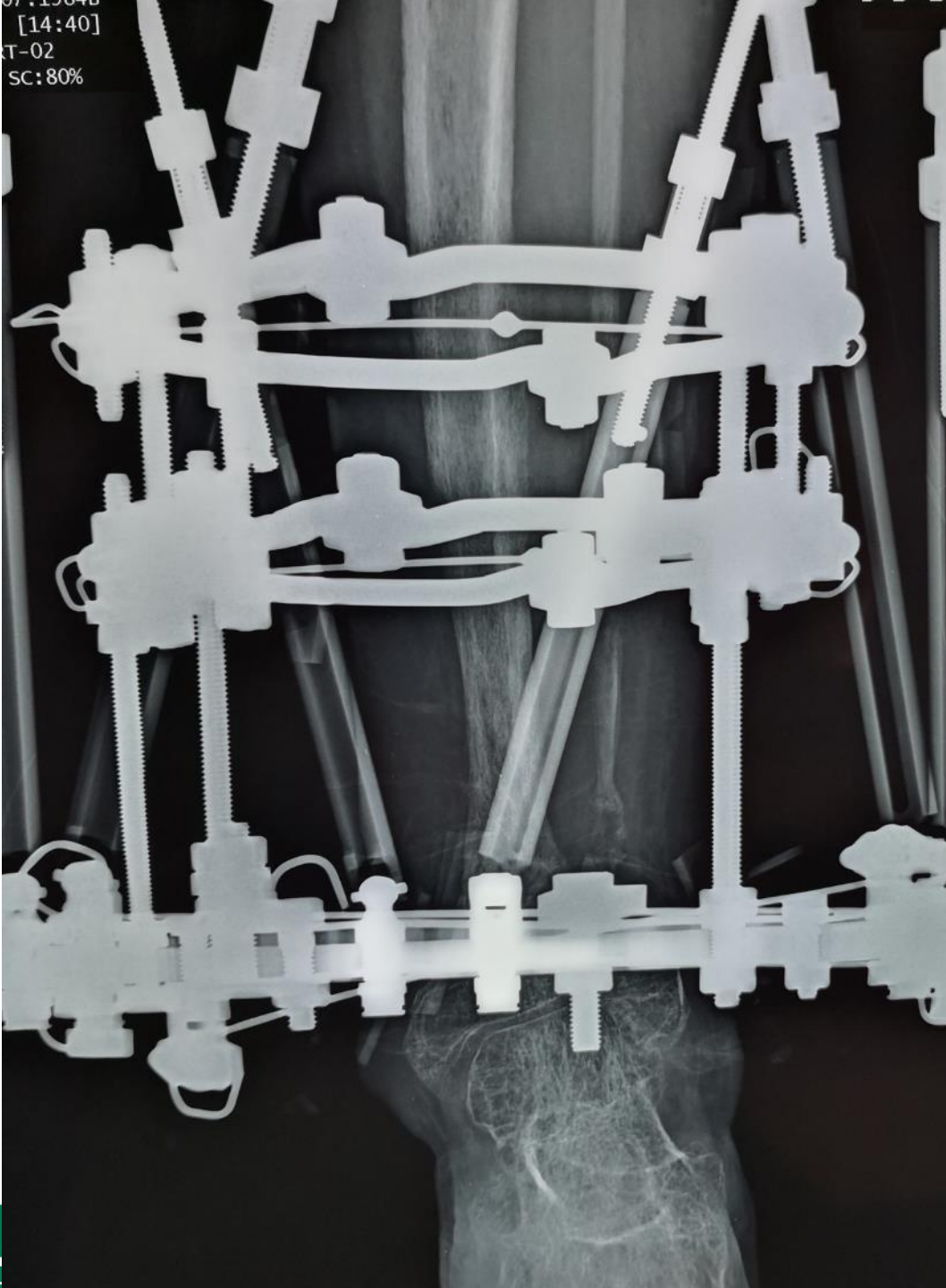
Trace the axes of the fragments and indicates CORA and level of osteotomy; for more details, see the Operative Technique.

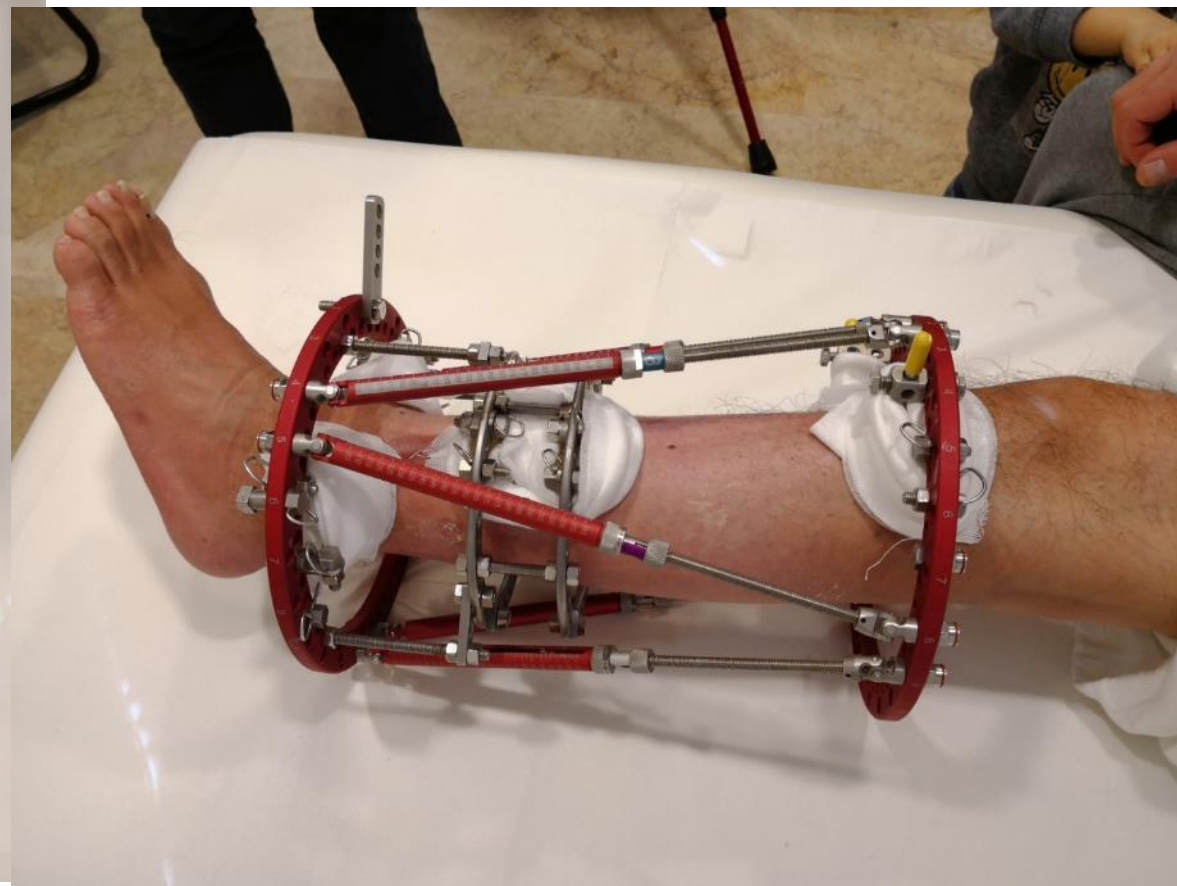


8 [14:48]  
RT-05  
SC:70%

.1984B  
[14:43]  
-03  
C:70%









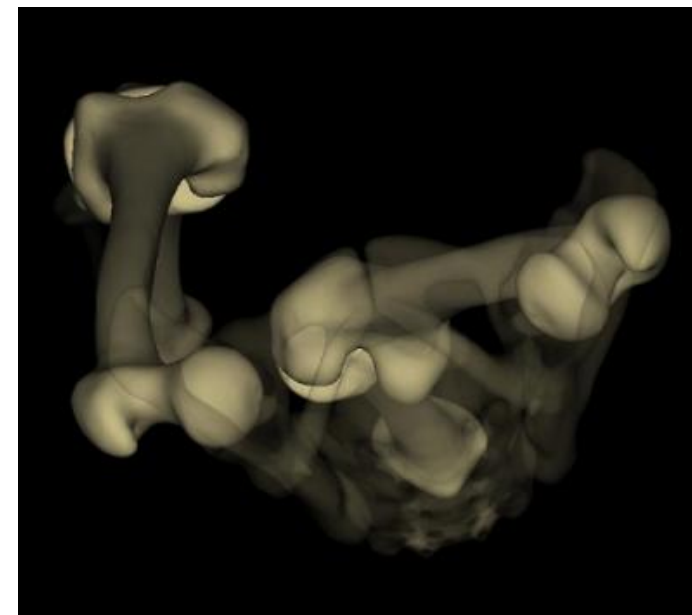
27 y.o. female

Osteogenesis imperfecta.

Postrauumatic deformity,  
right femur

- external torsion 35
- degrees valgus 10 degrees





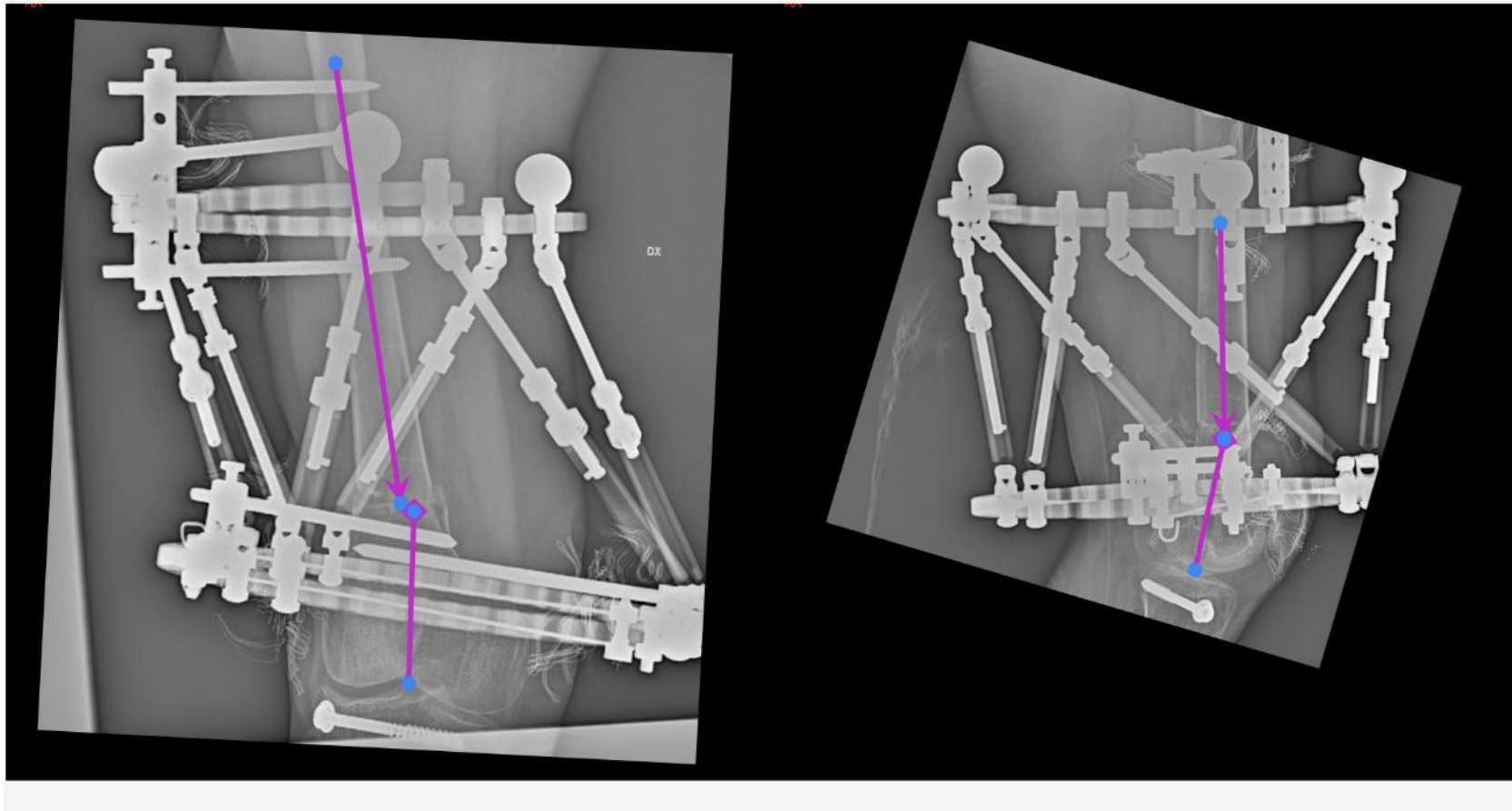


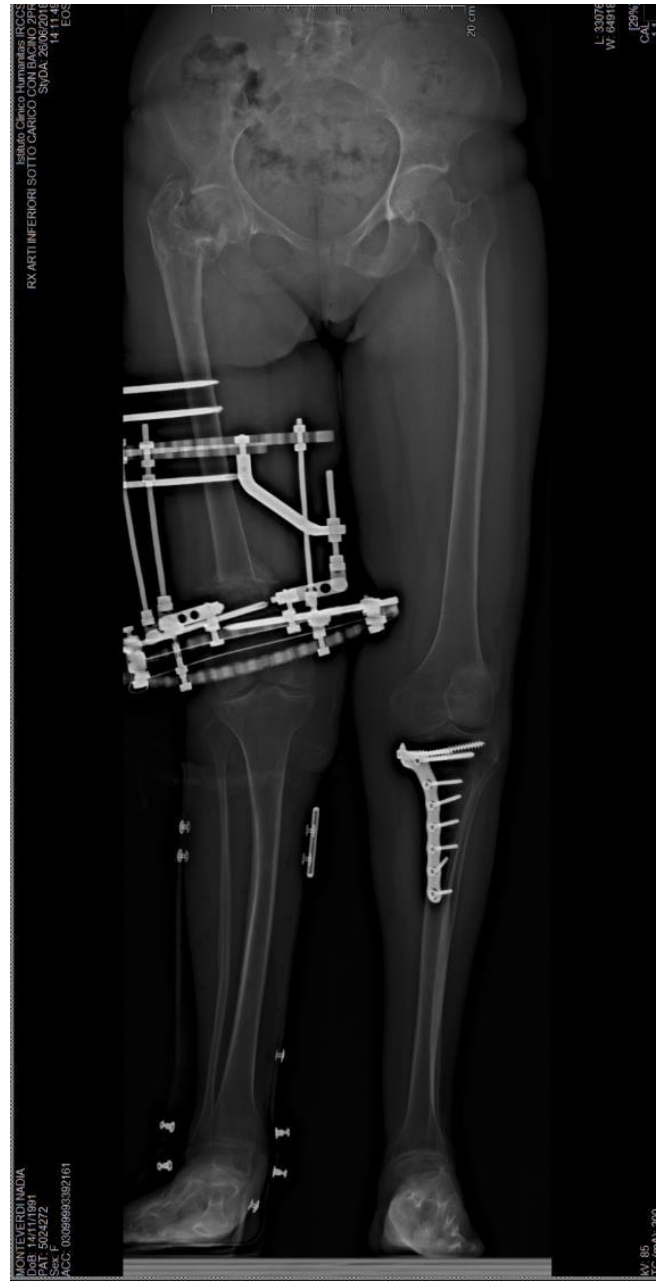
[1-Case Management](#)[2-Mounting Parameters](#)[3-Geometry](#)[4-Deformity](#)[5-Correction Plan](#)[6-Prescription](#)

### Geometry Description



Trace the axes of the fragments and indicates CORA and level of osteotomy; for more details, see the Operative Technique.







15 y.o. girl  
with HYPOPHOSPHATAEMIC RICKETS





19.01.2016

# Left leg treatment





24.03.2016







19.05.2016



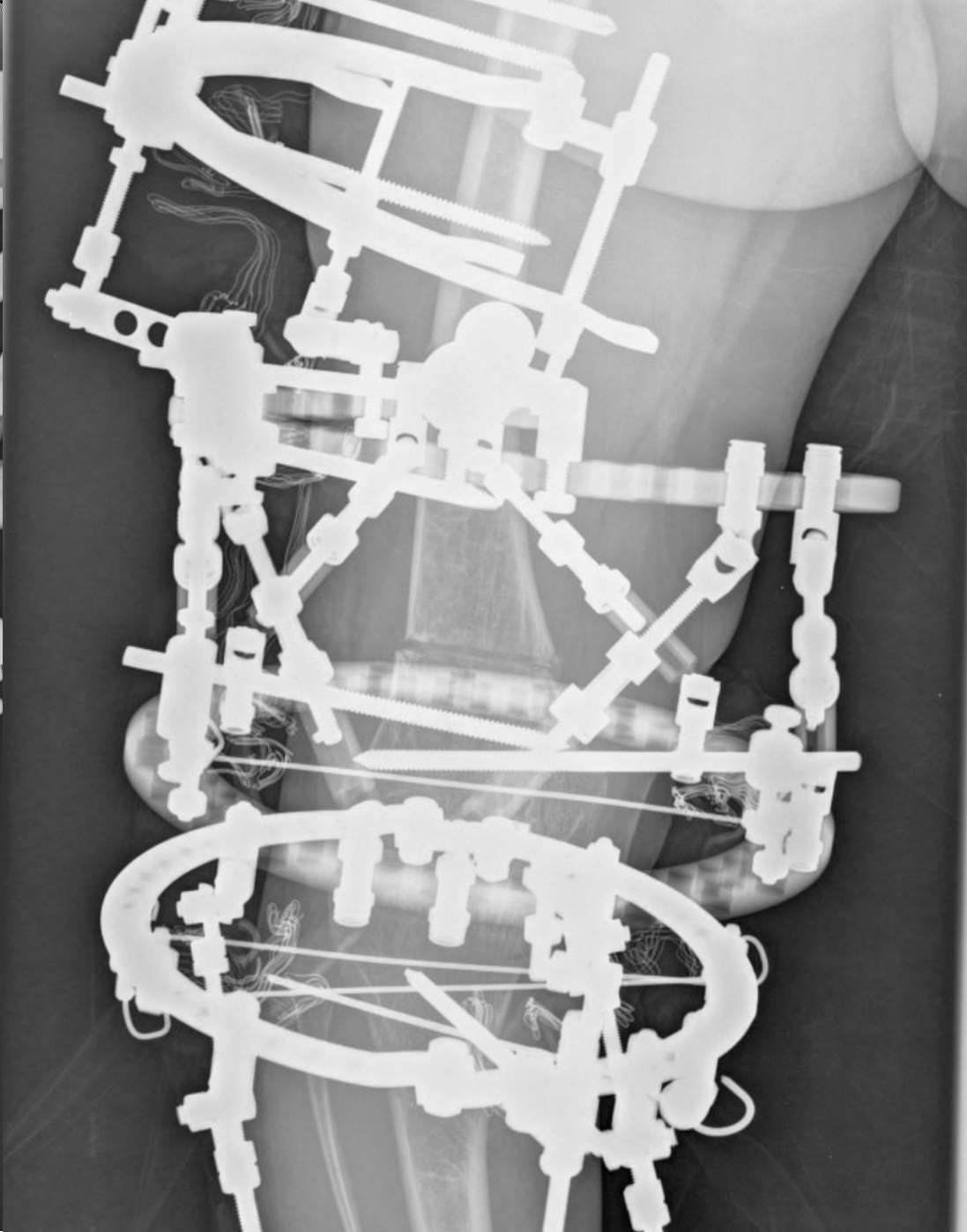
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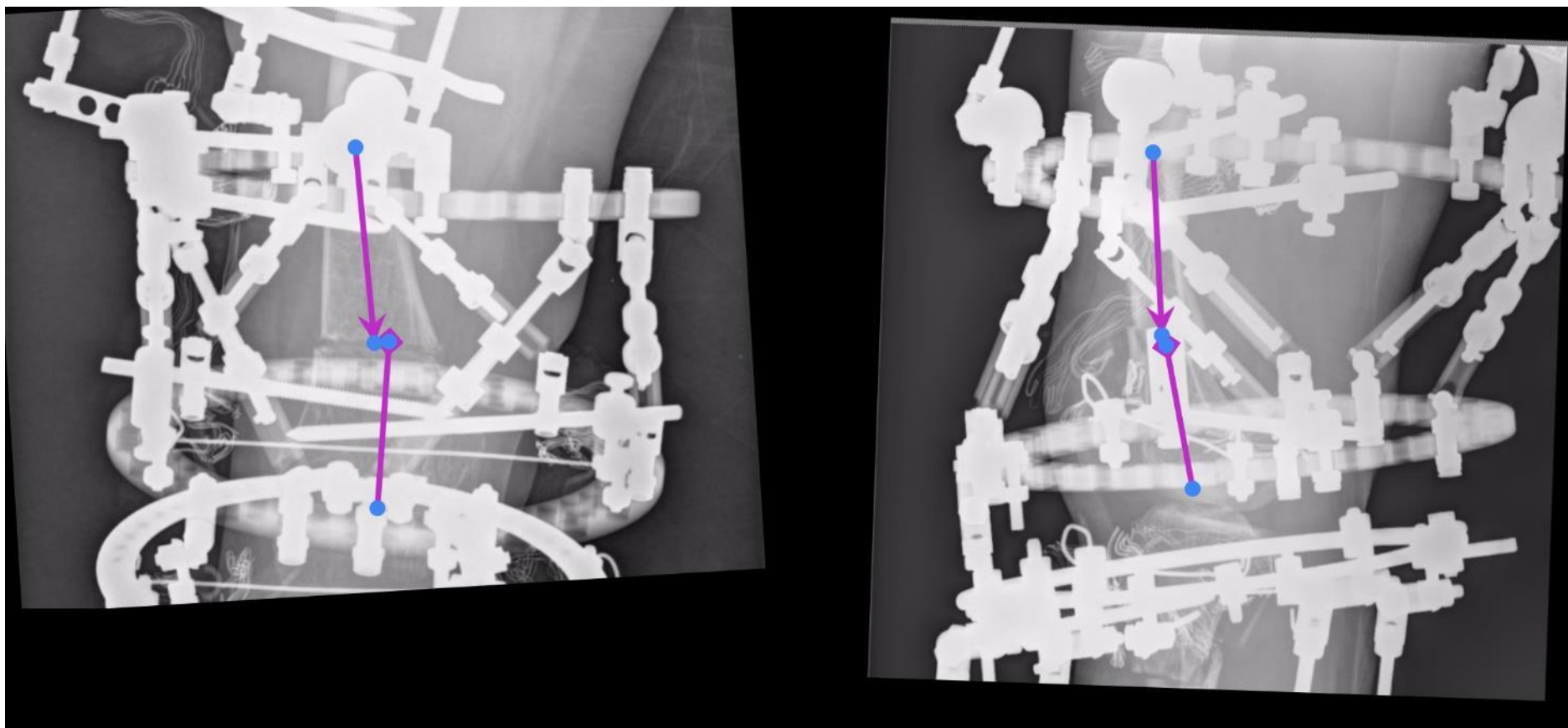




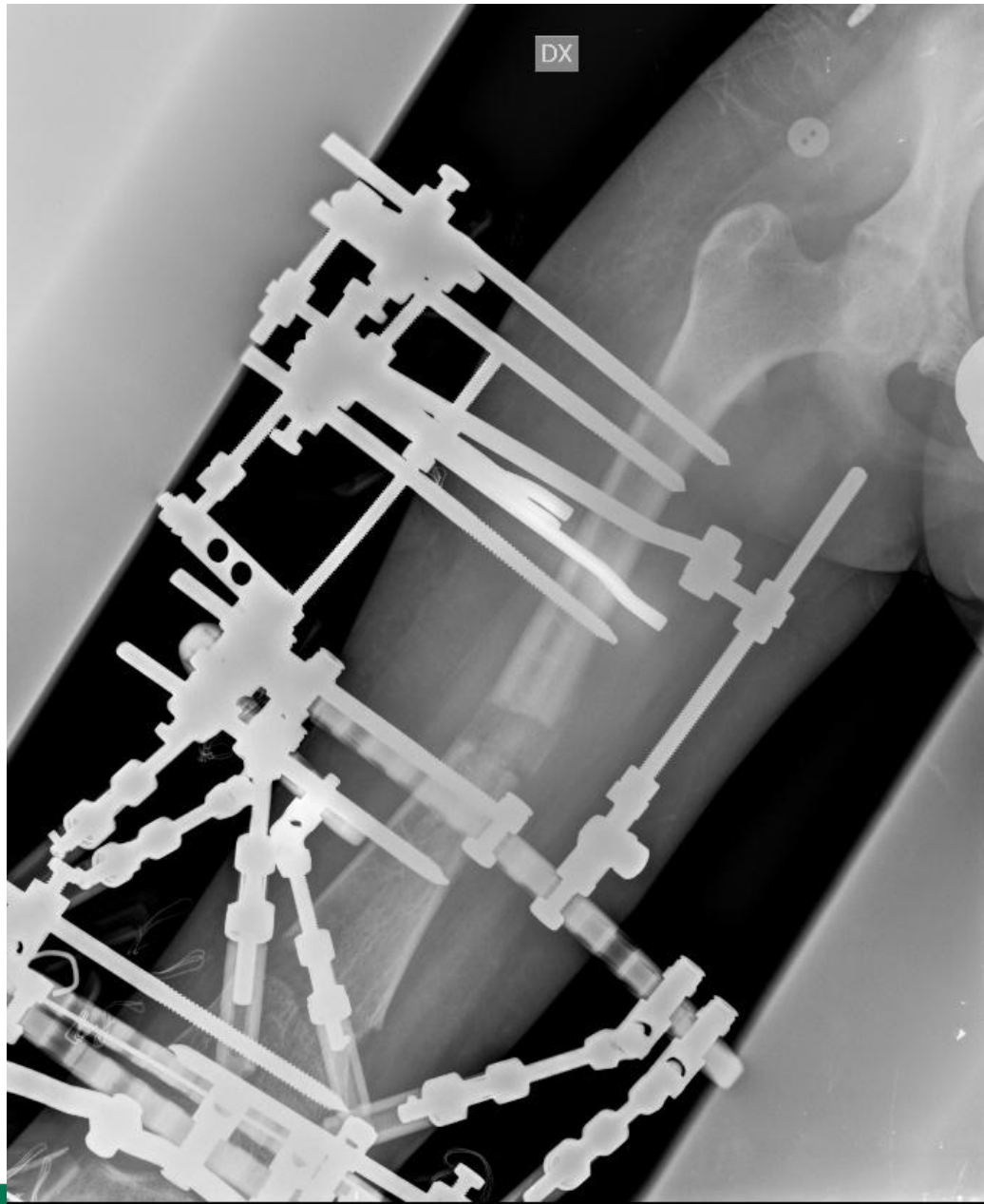
# Treatment Plan







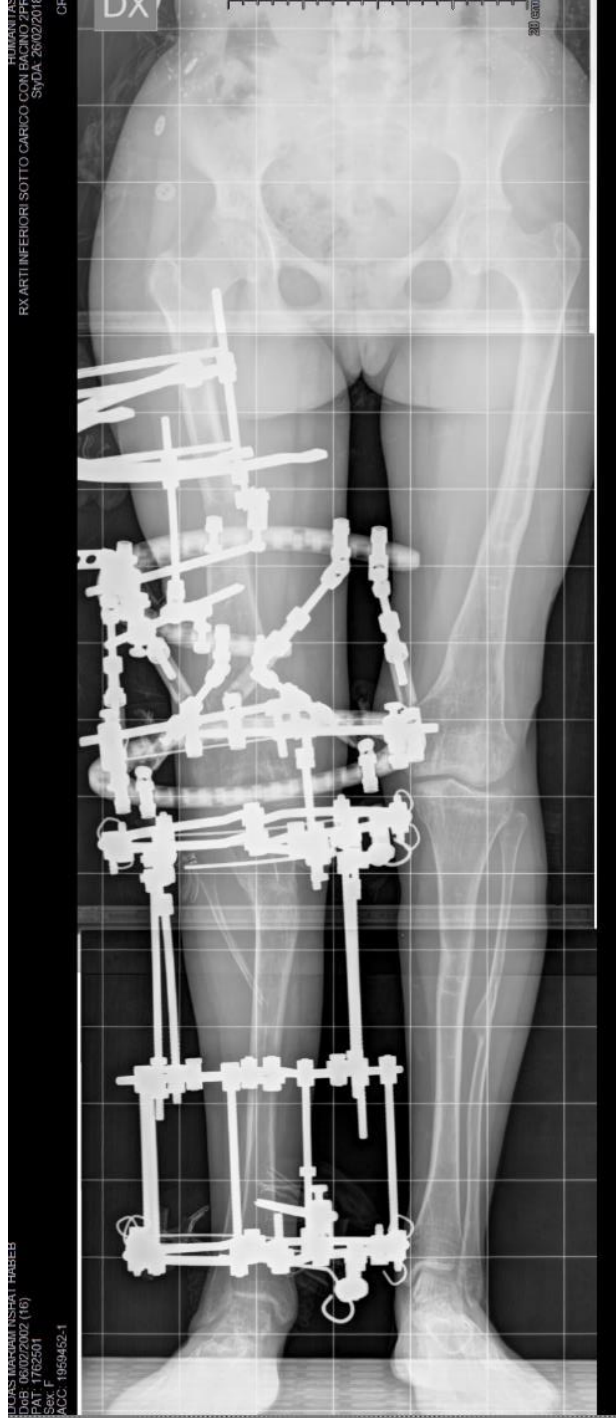
14.12.2018





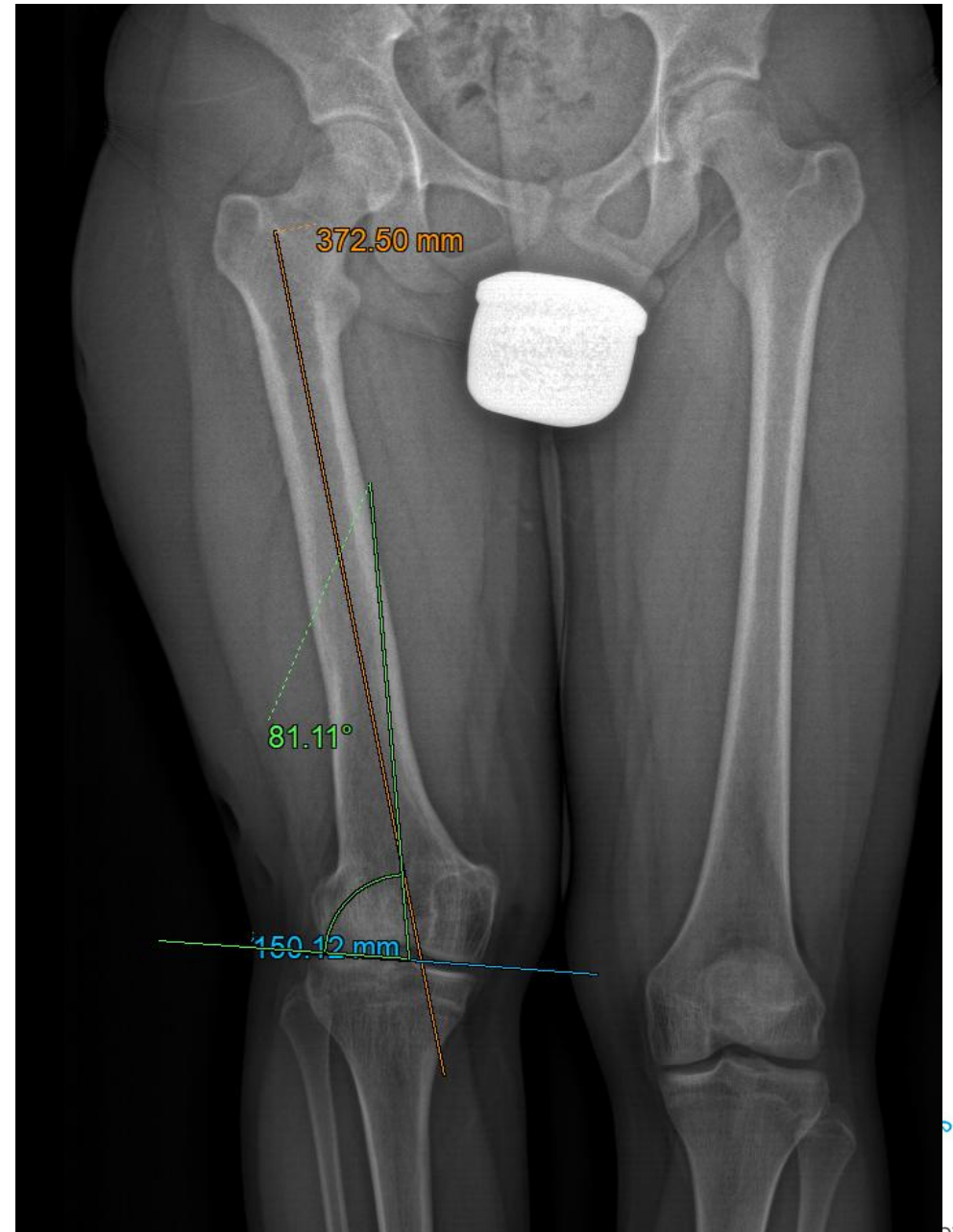


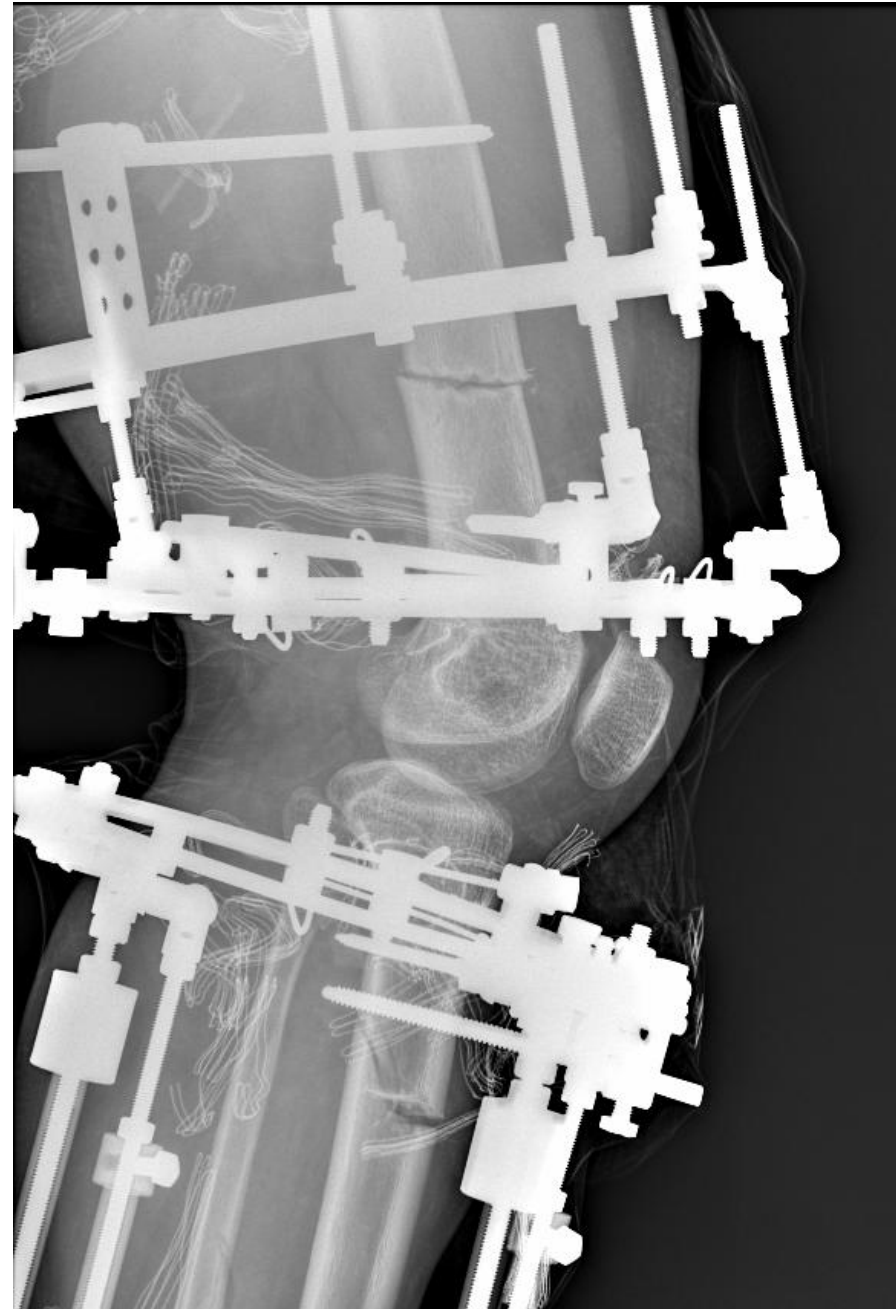
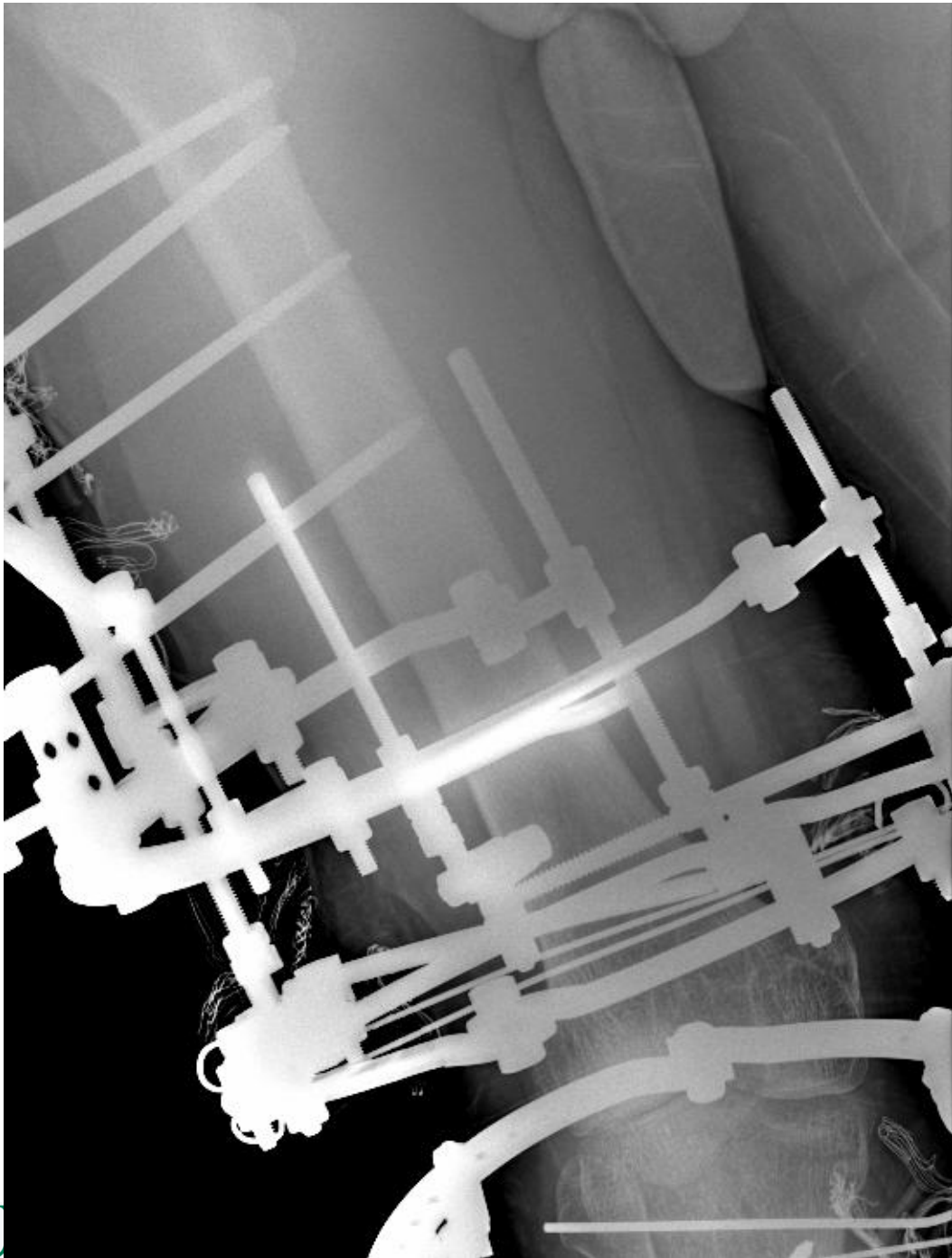


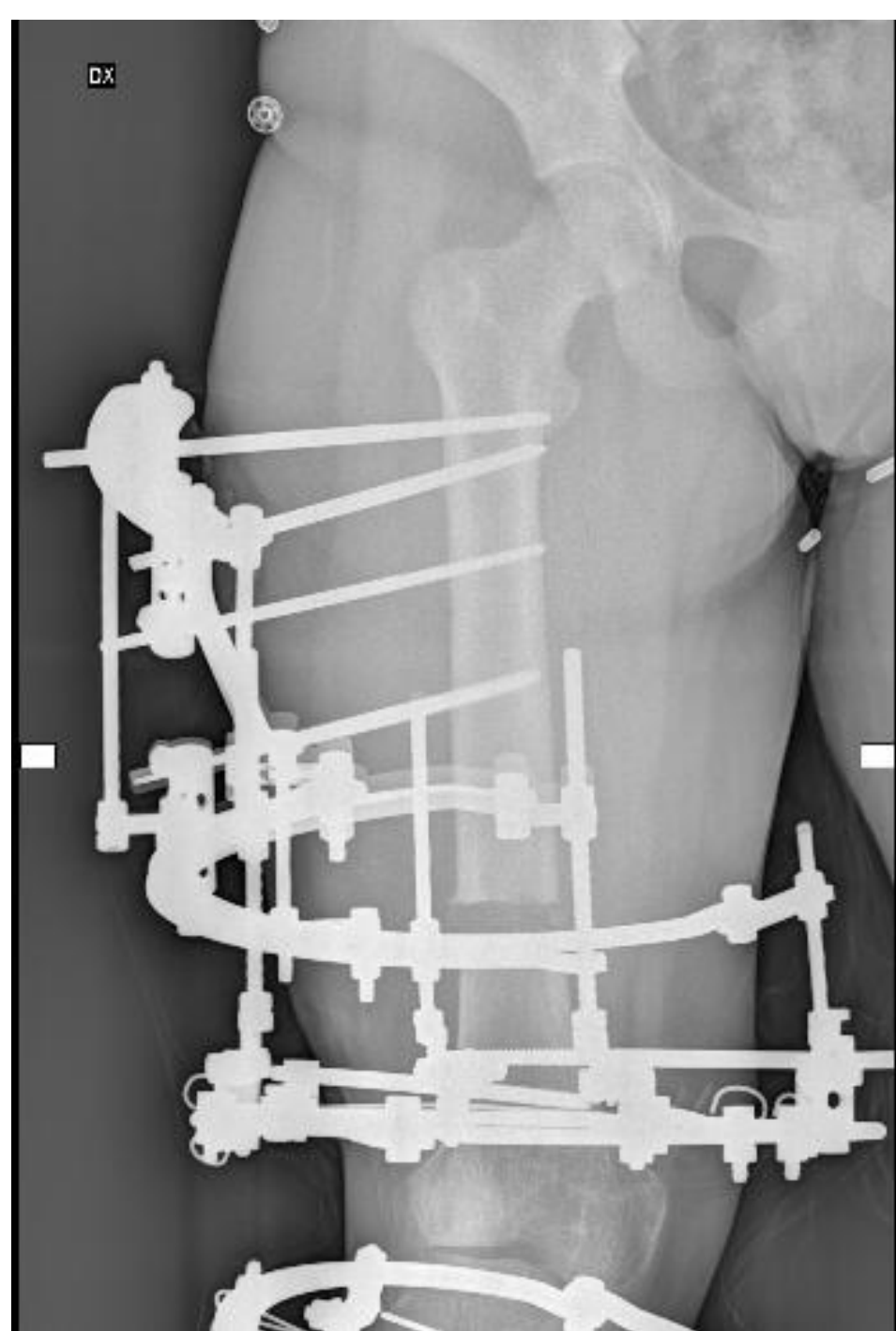
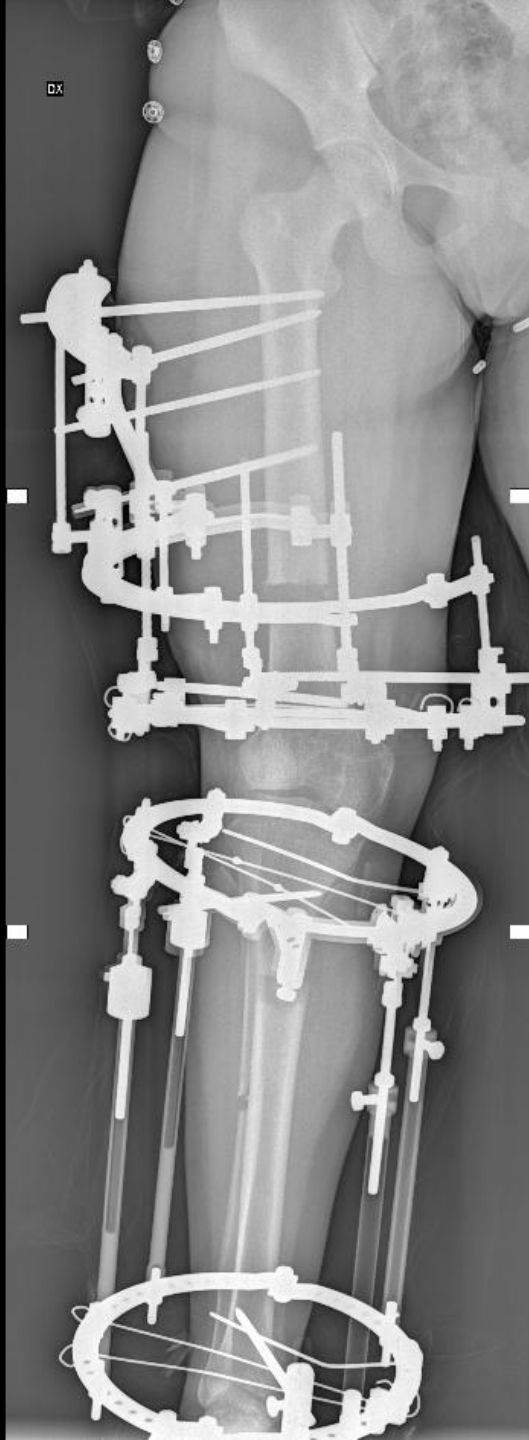


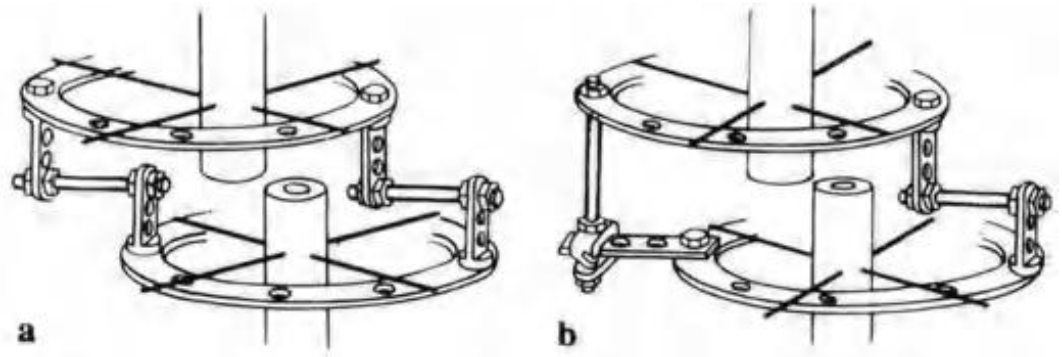
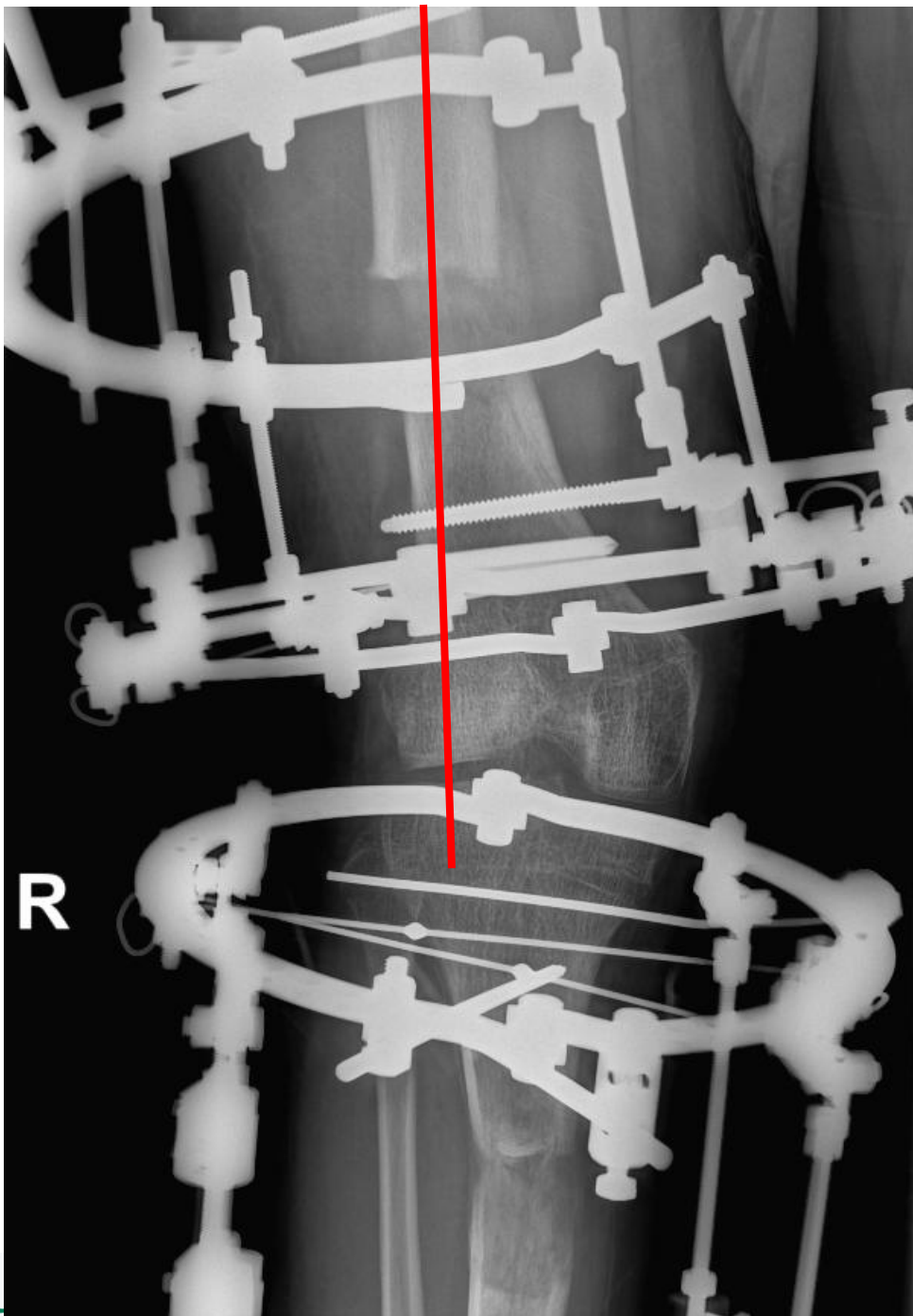
# Metodica di Ilizarov

- ❖ Sistema di traslazione progressivo in sala
- ❖ Sistema di traslazione progressiva in ambulatorio
- ❖ Sistema di traslazione in acuto in ambulatorio

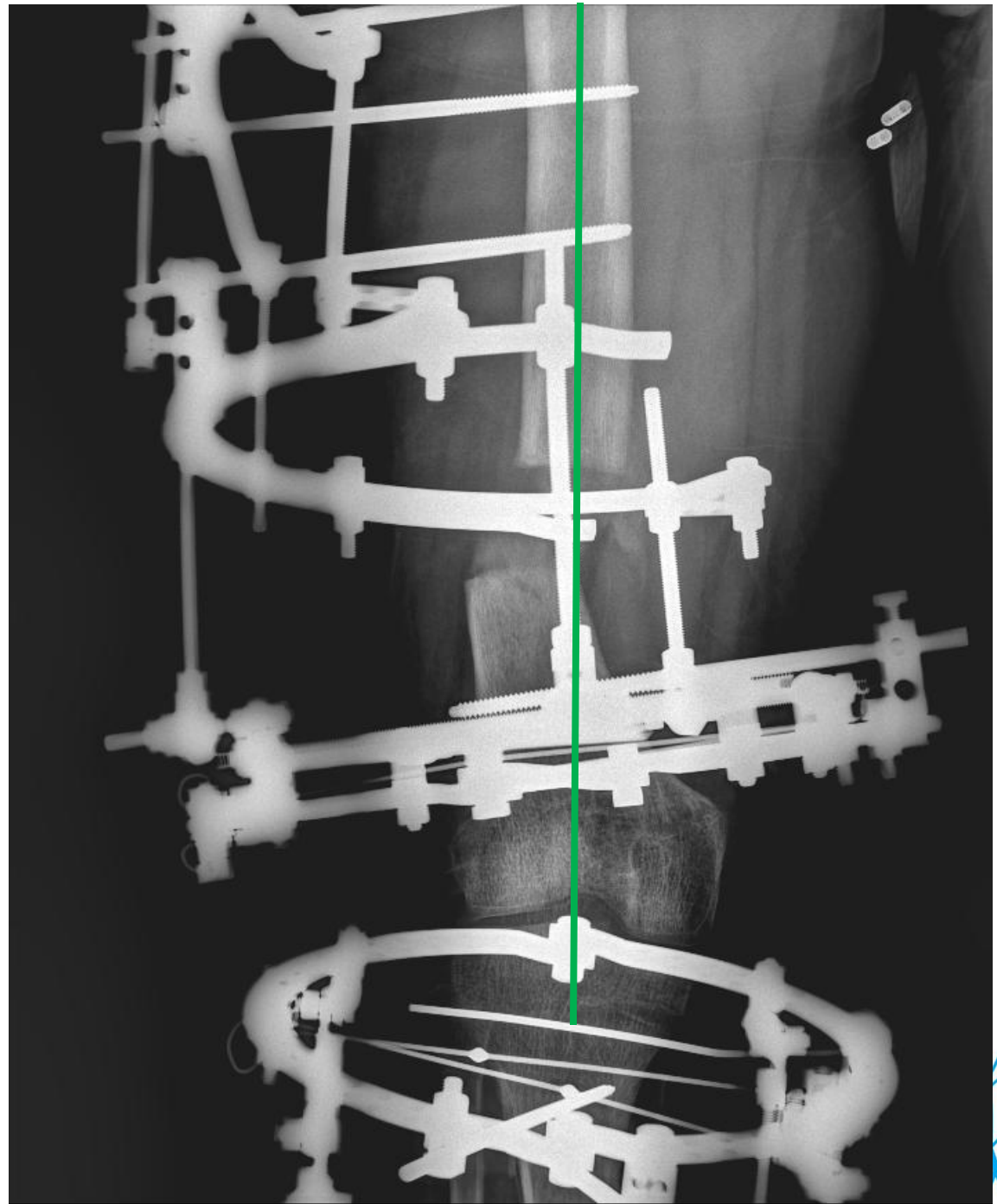
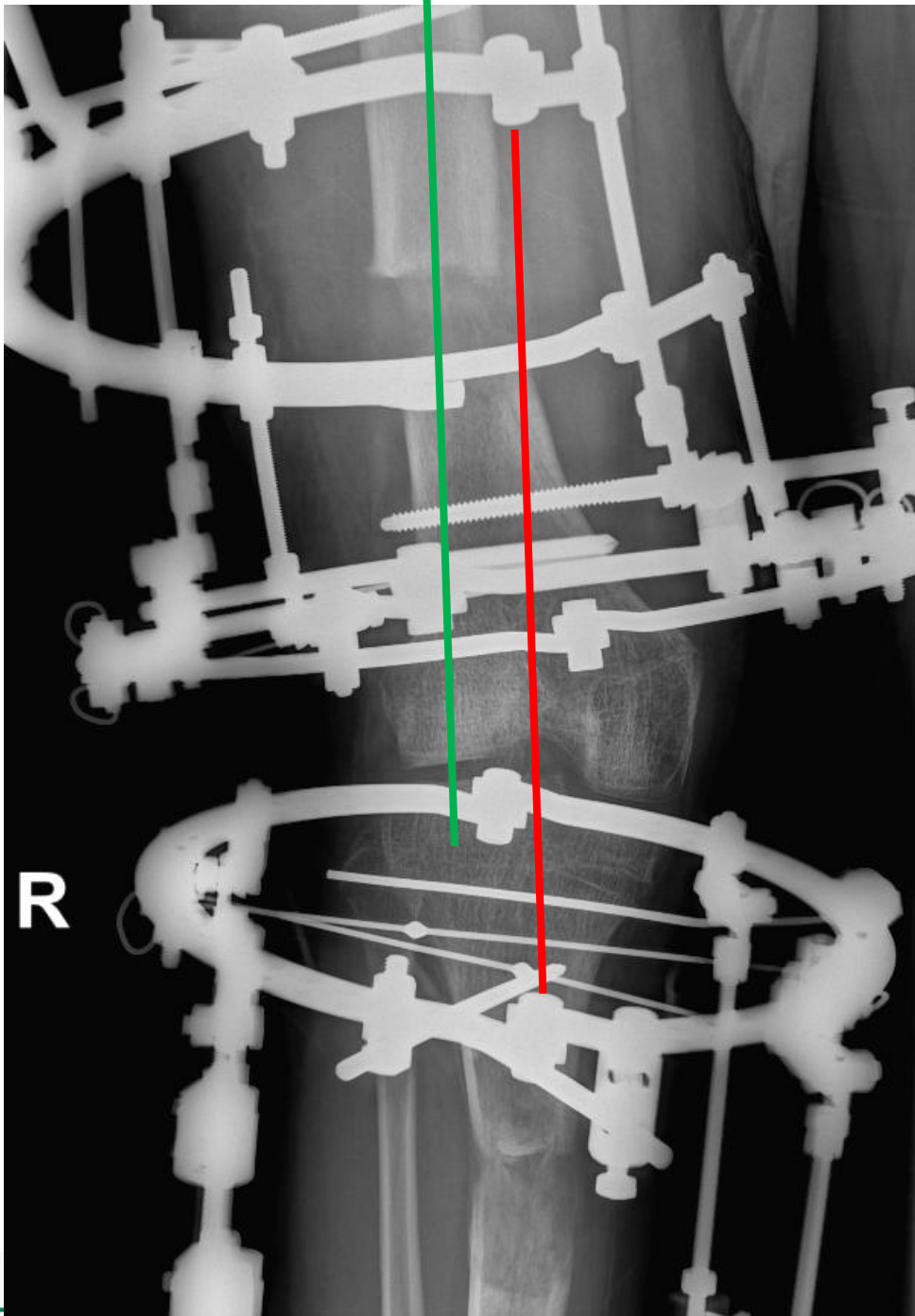


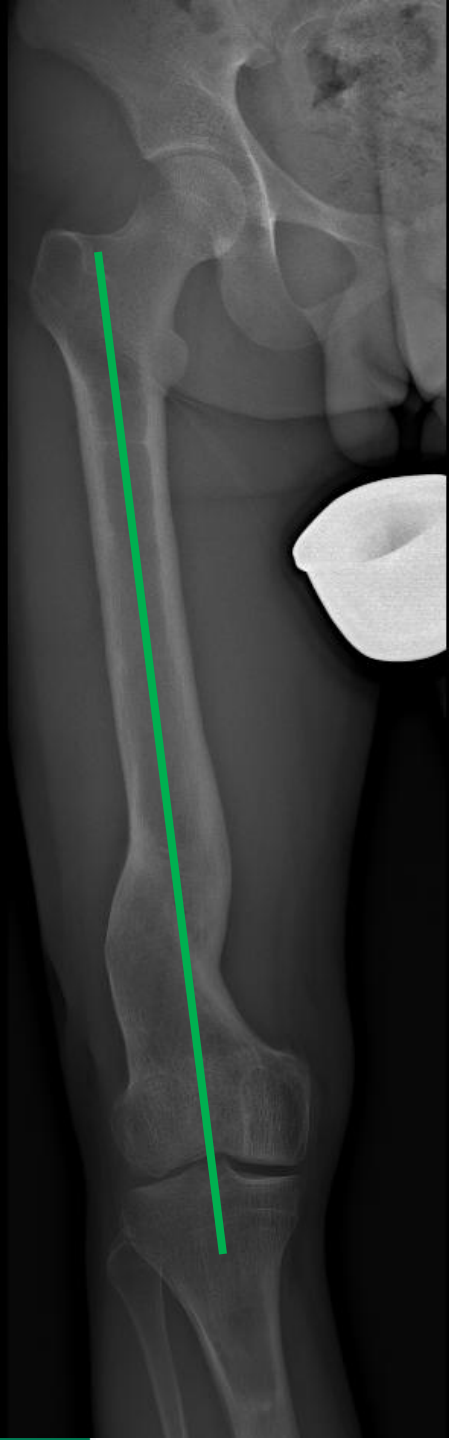










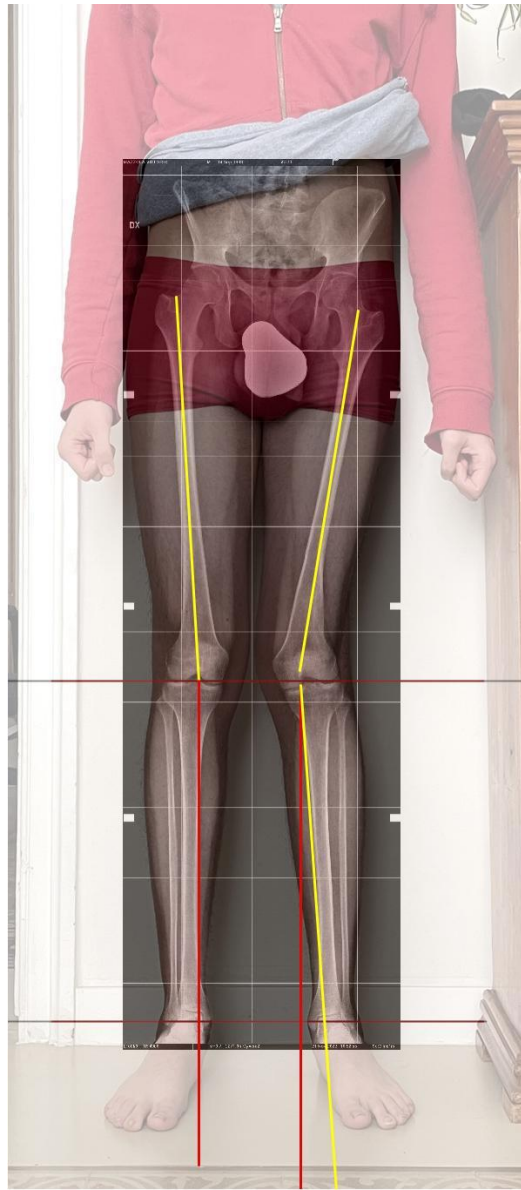


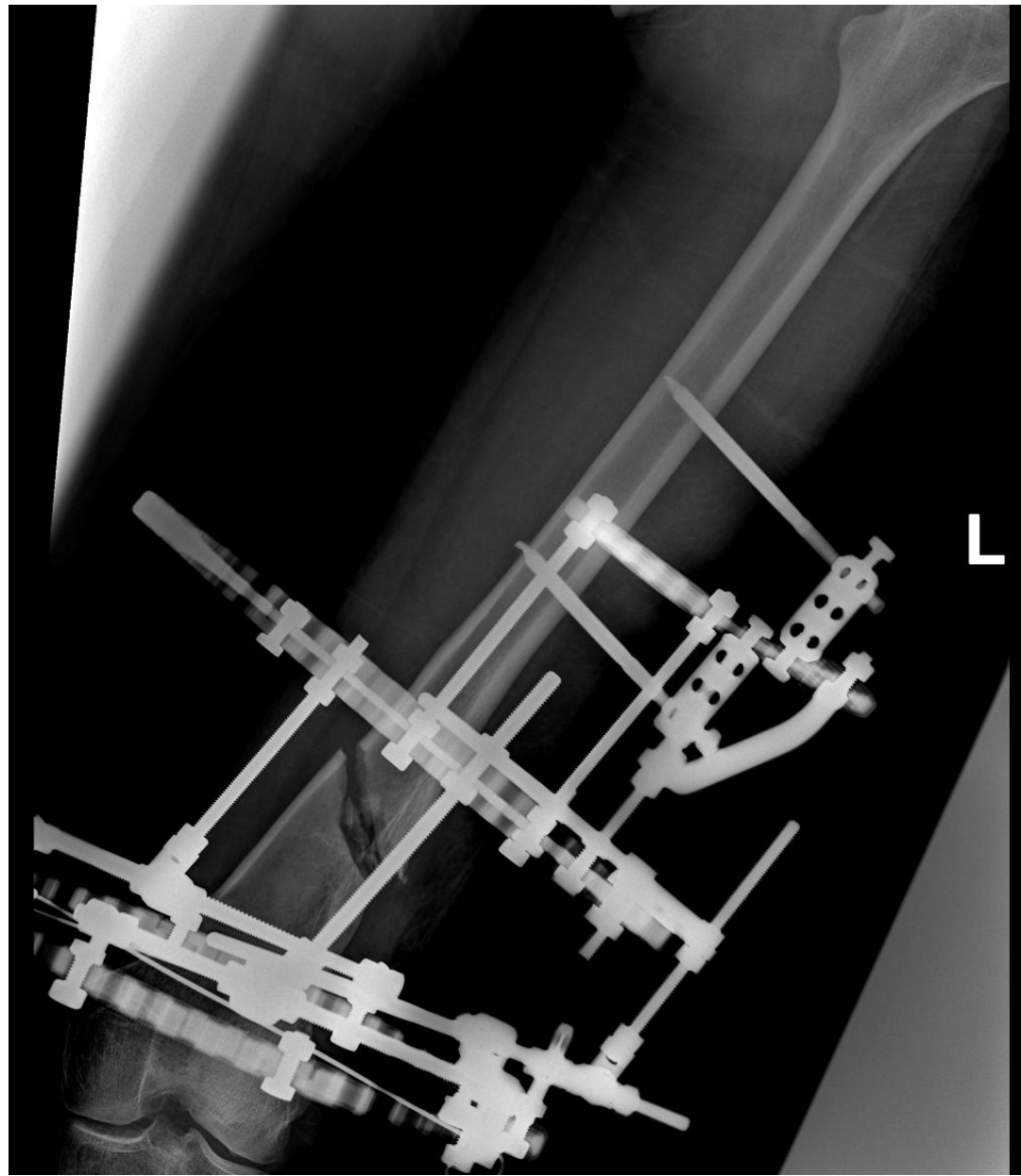
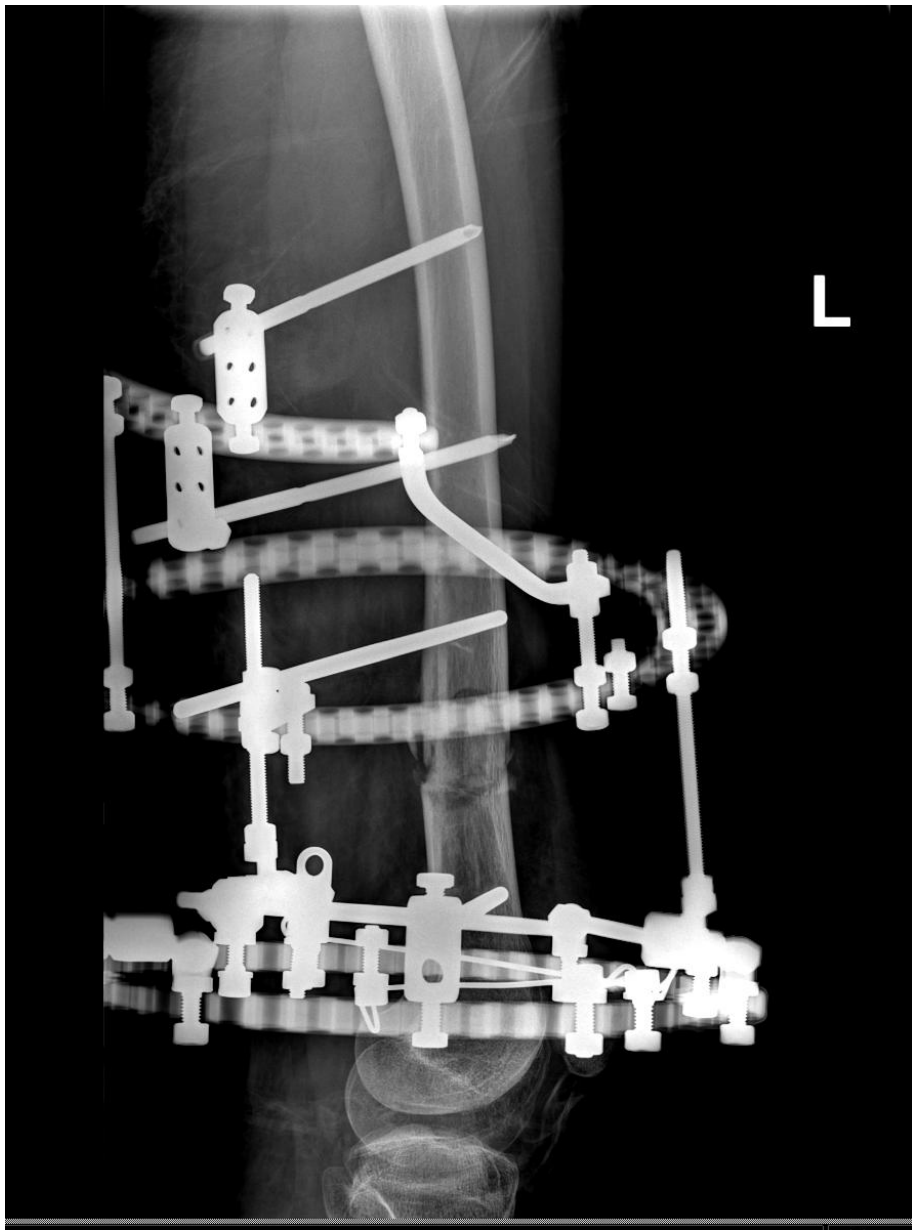
# M.V, m, 1998

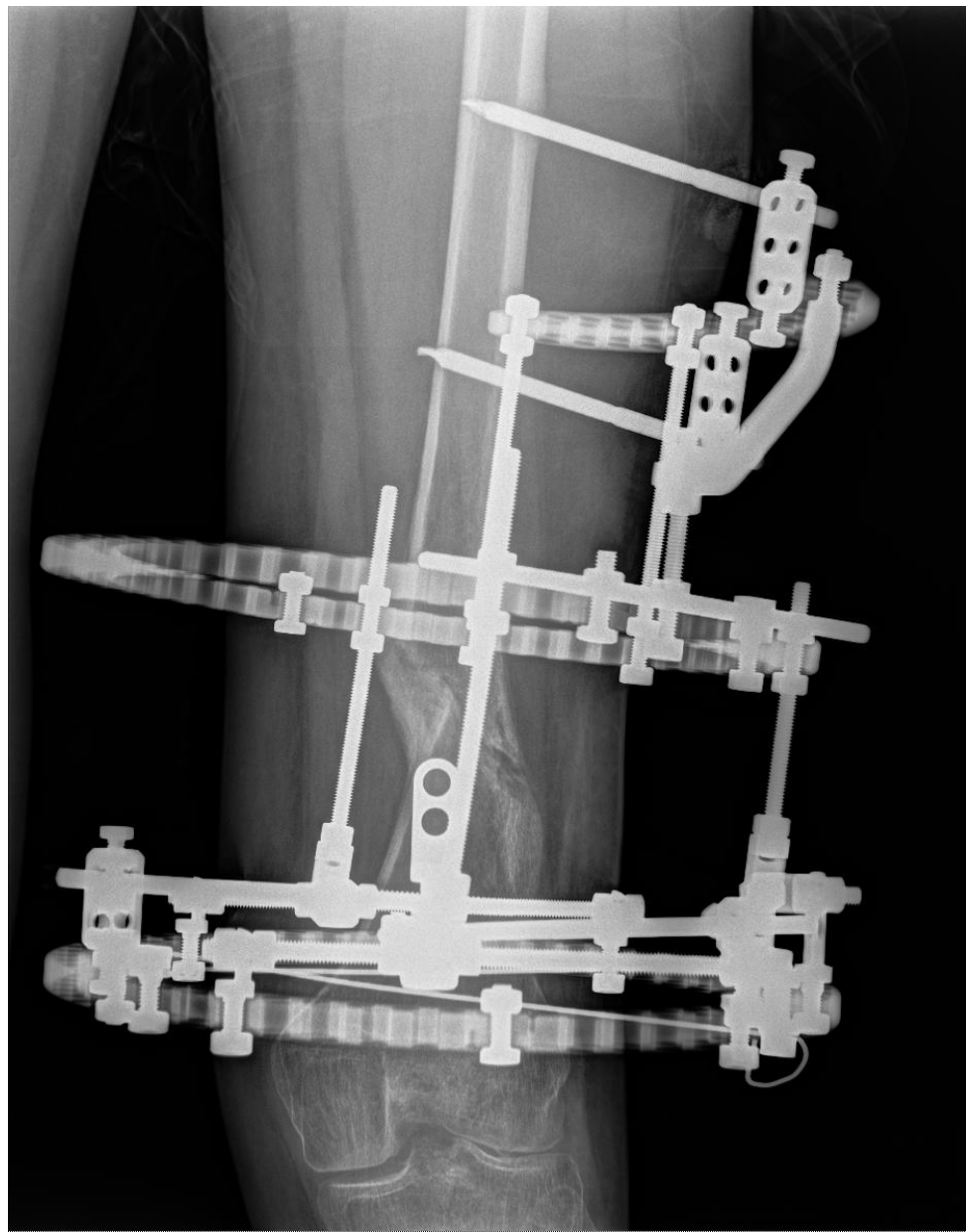
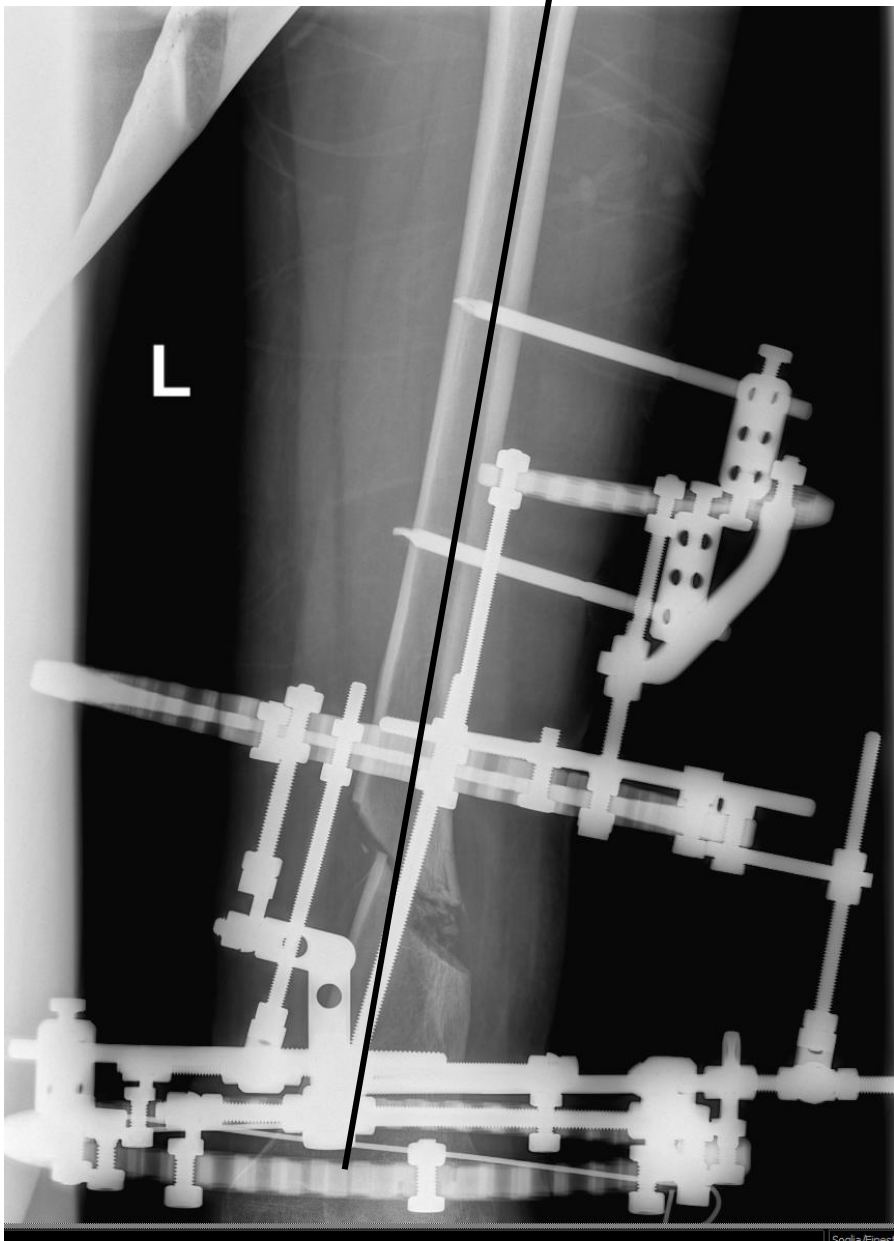
- Data: 8 Agosto 2011
- Evento: Investimento in motorino da parte di un'auto
- Diagnosi: Frattura scomposta al terzo distale del femore sinistro



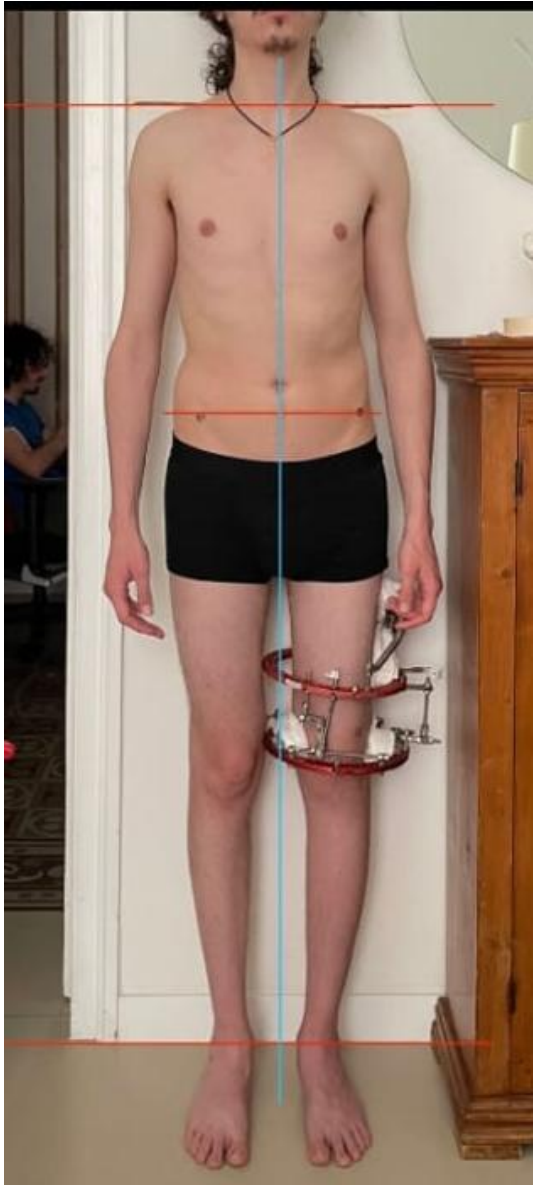




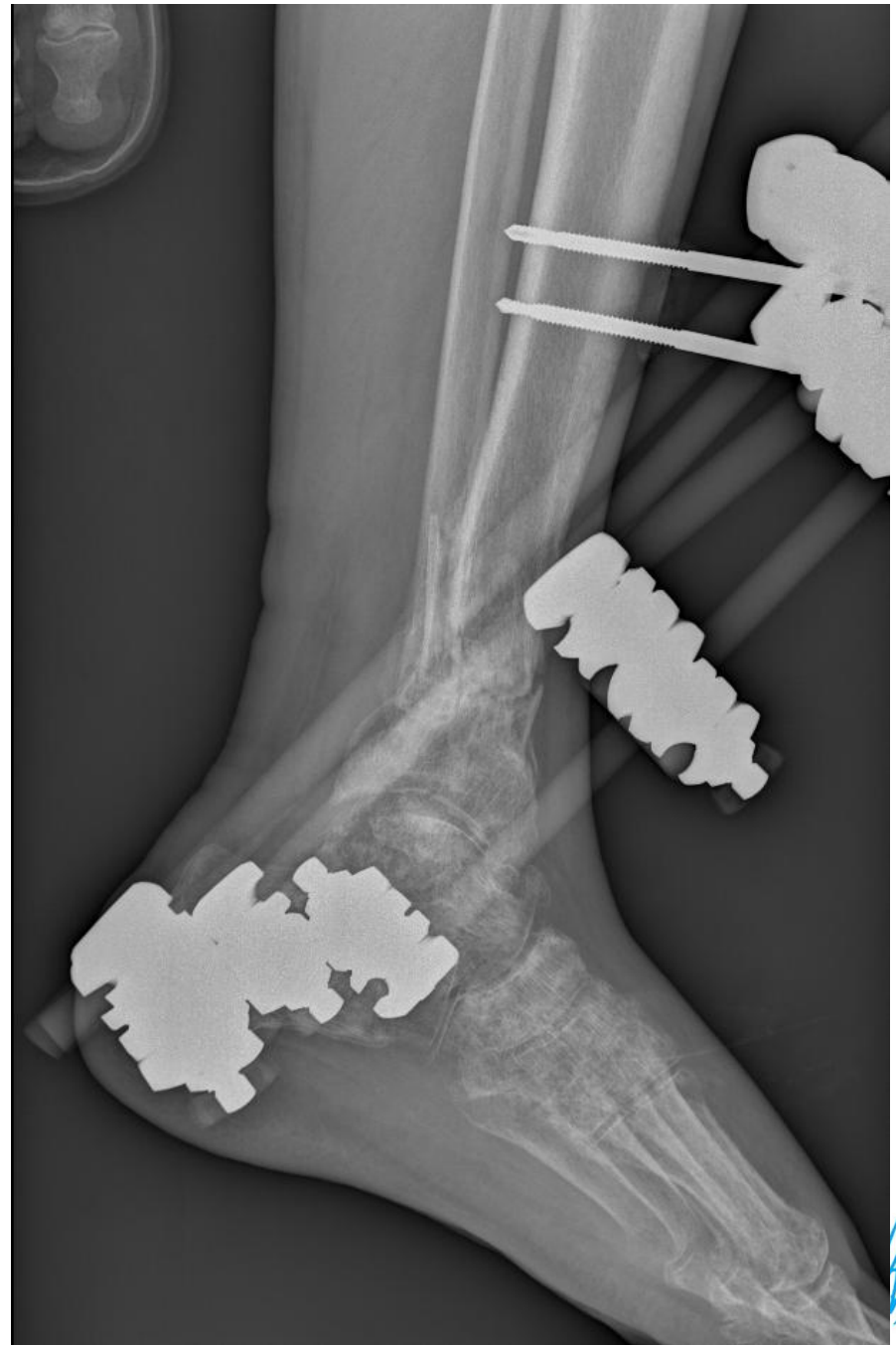


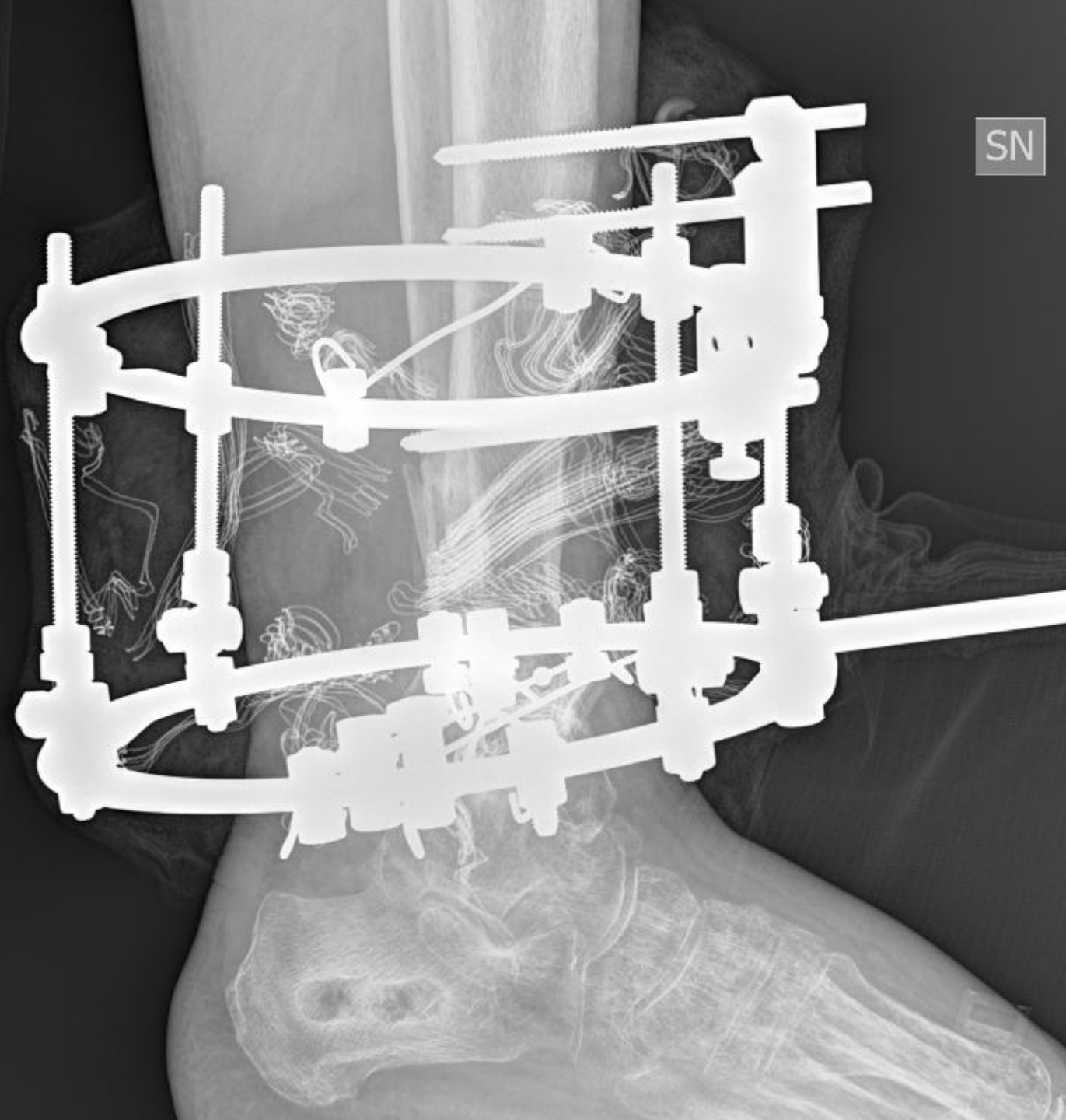




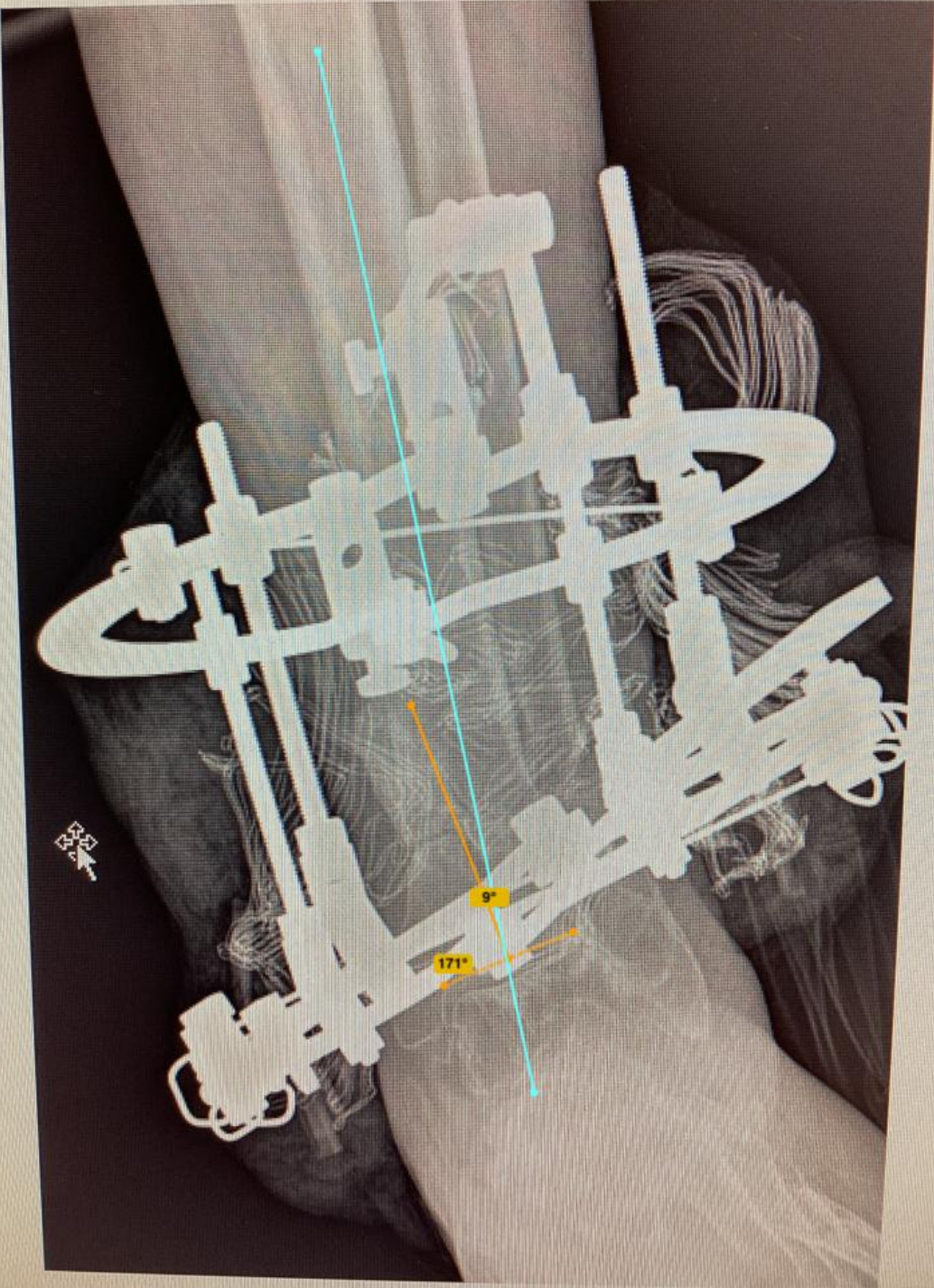


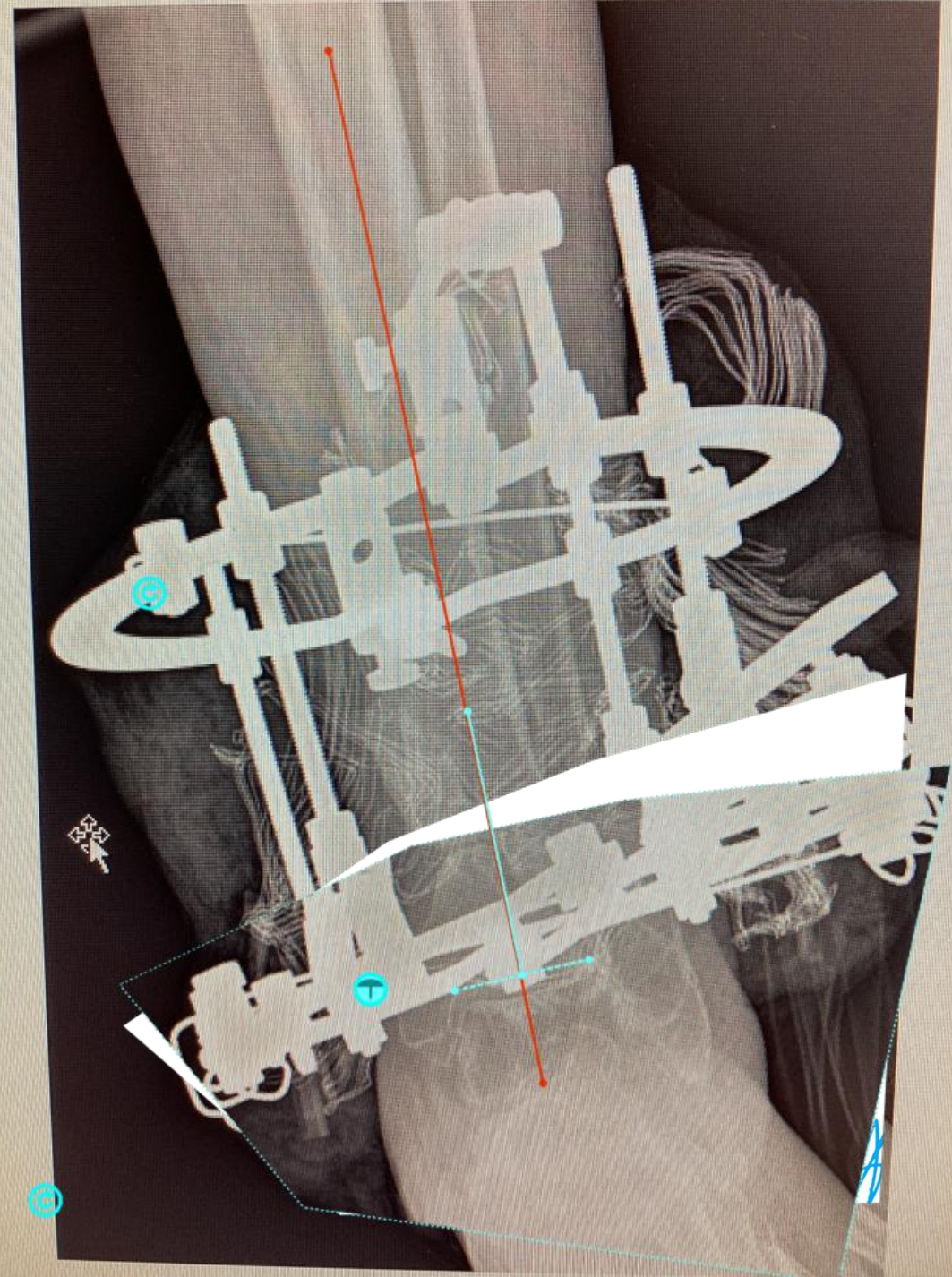
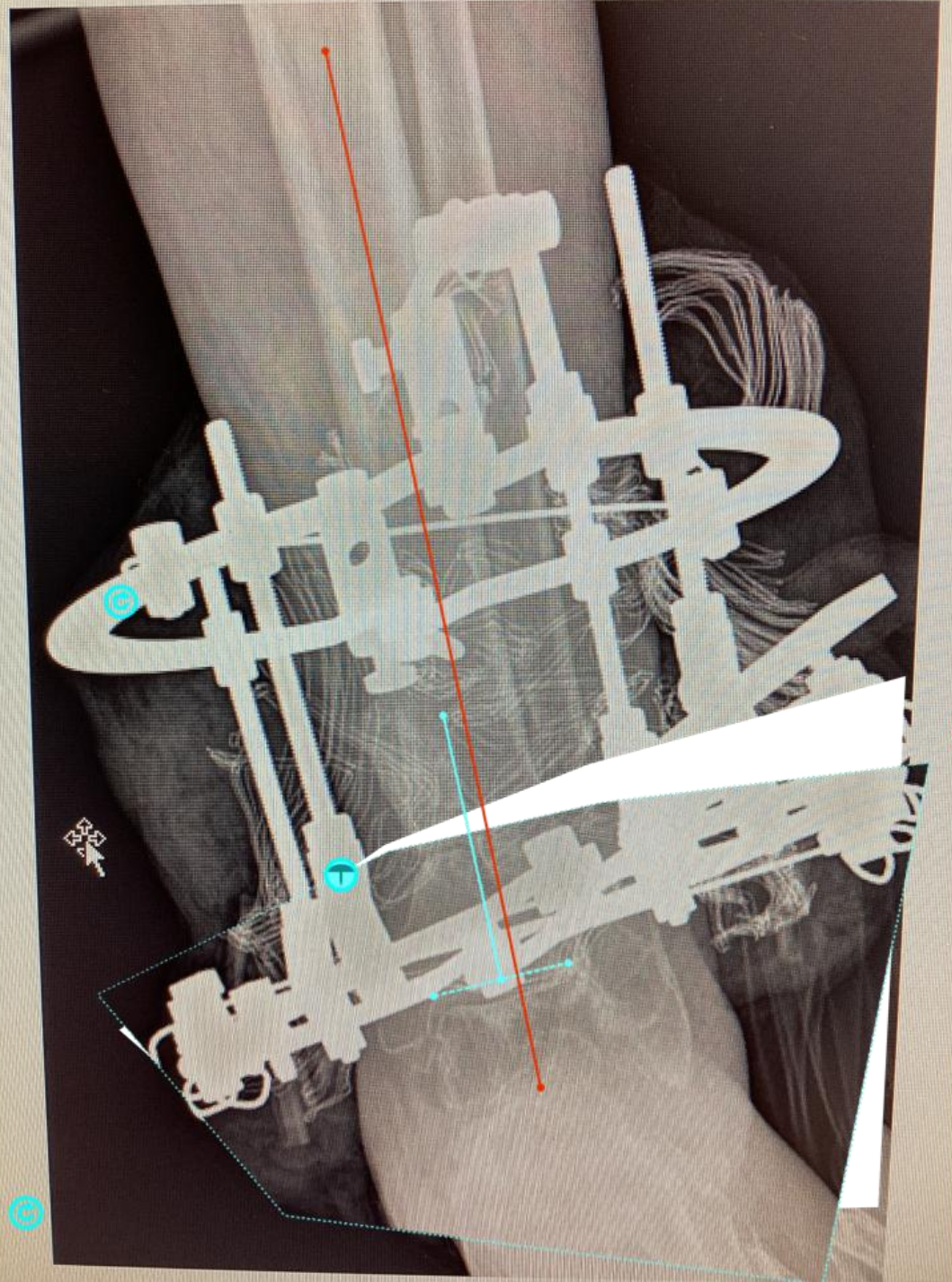
# TRASLAZIONE ESTEMPORANEA in AMBULATORIO



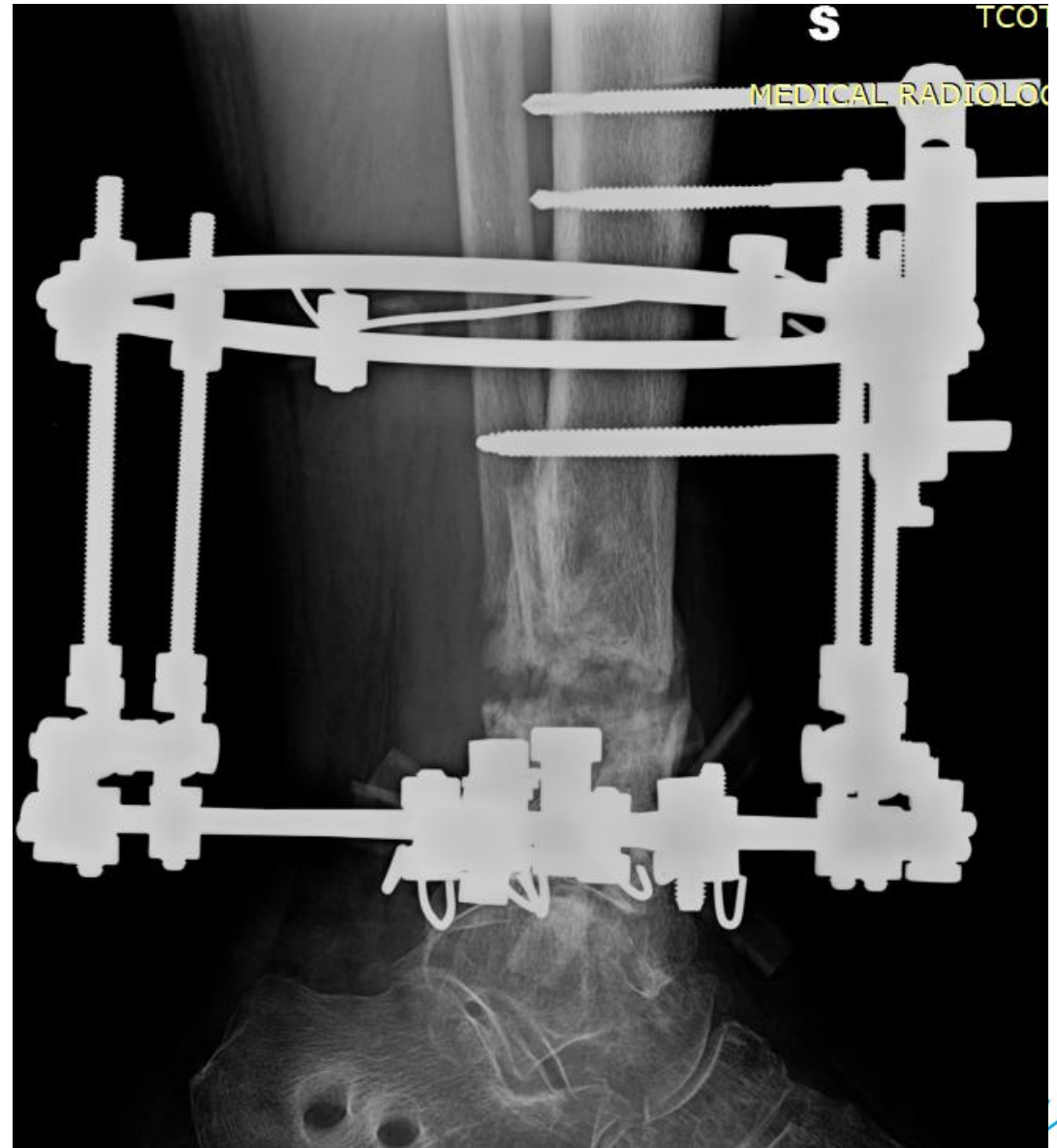
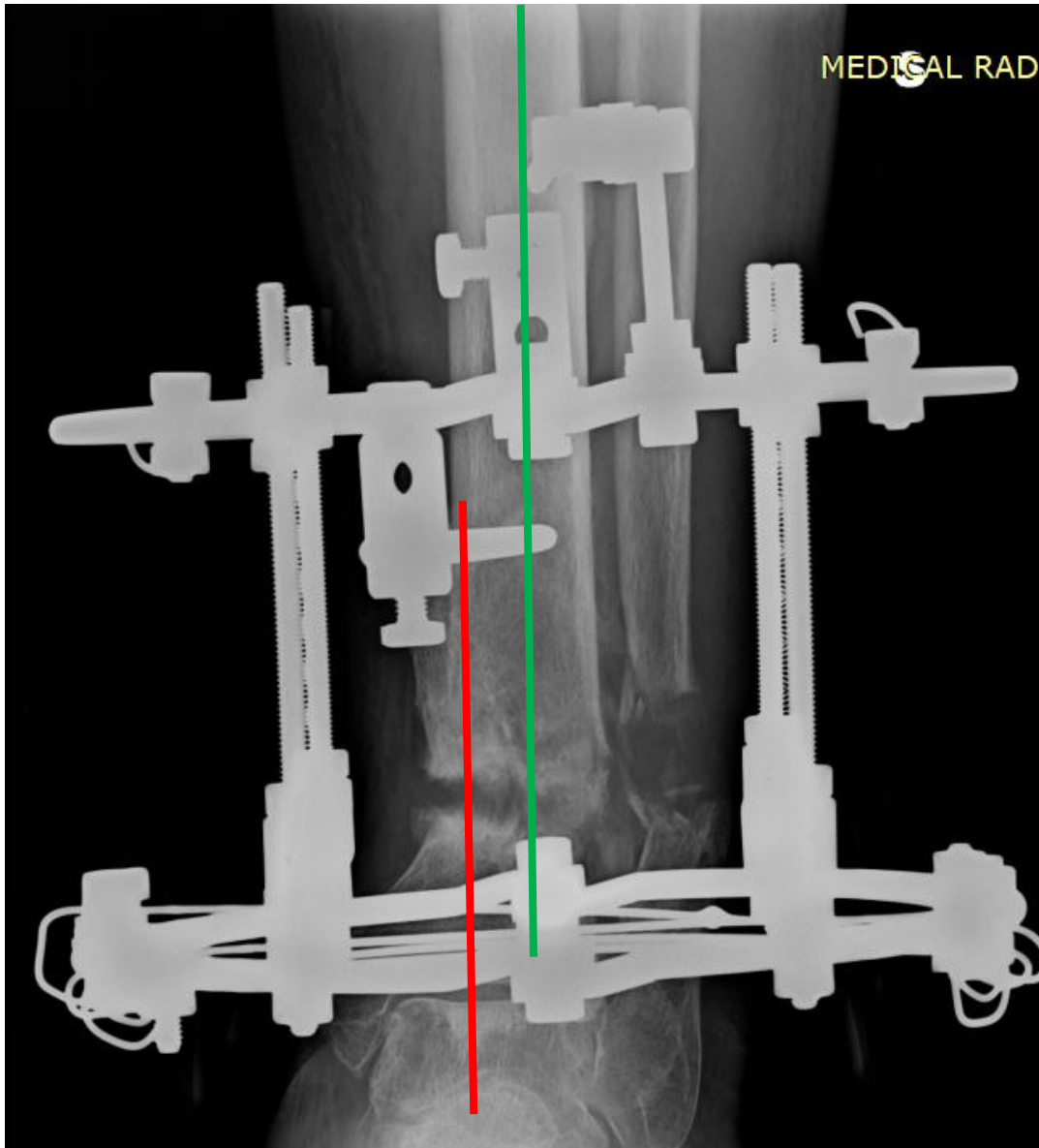


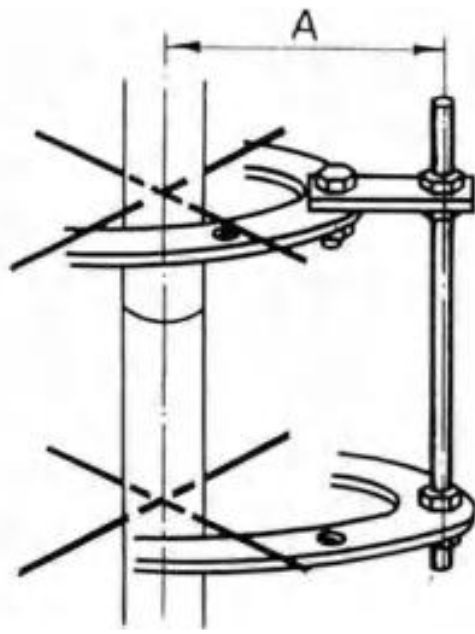
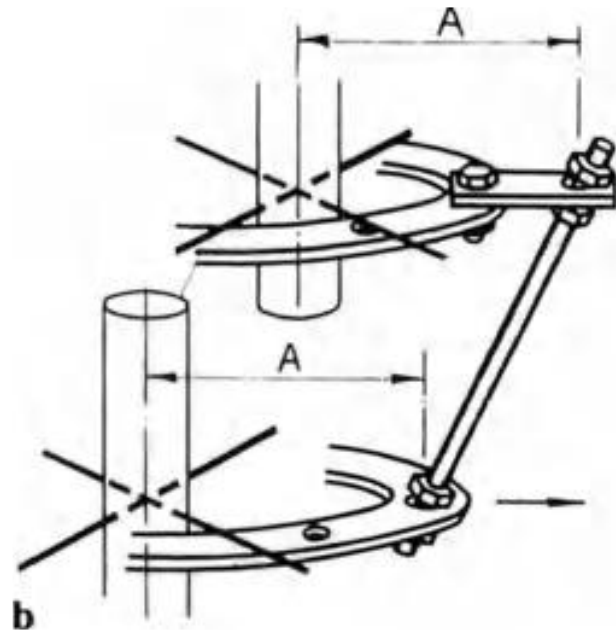
SN



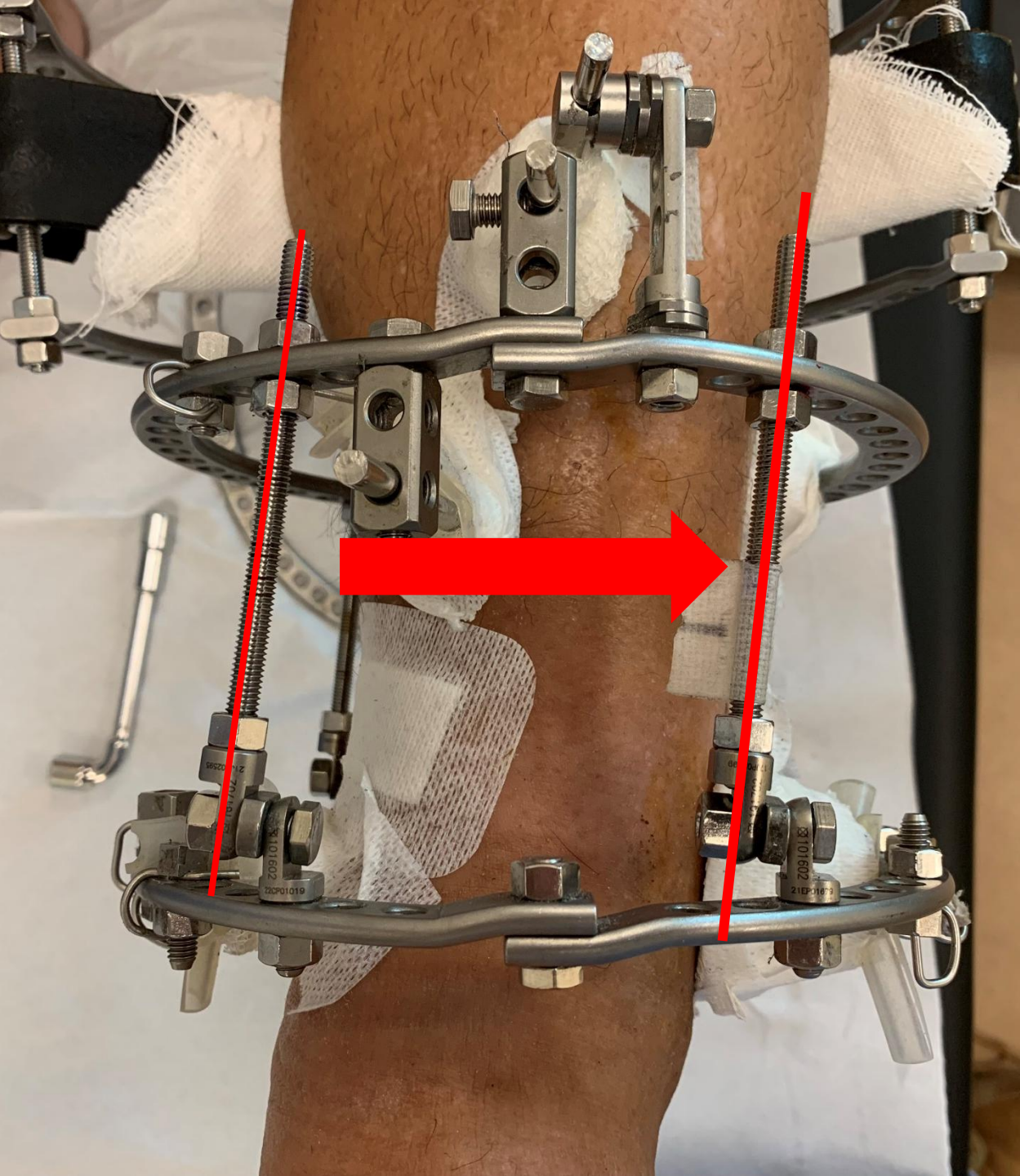


07.11.2022

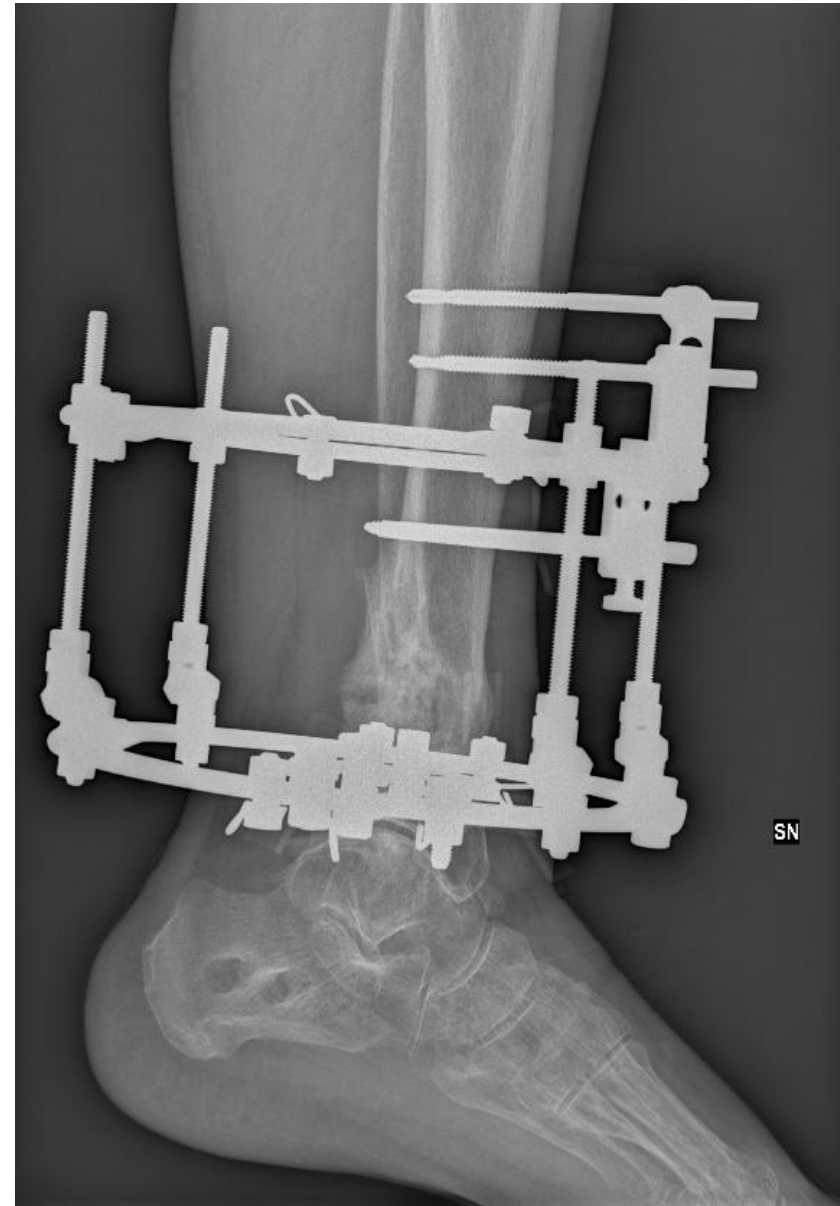
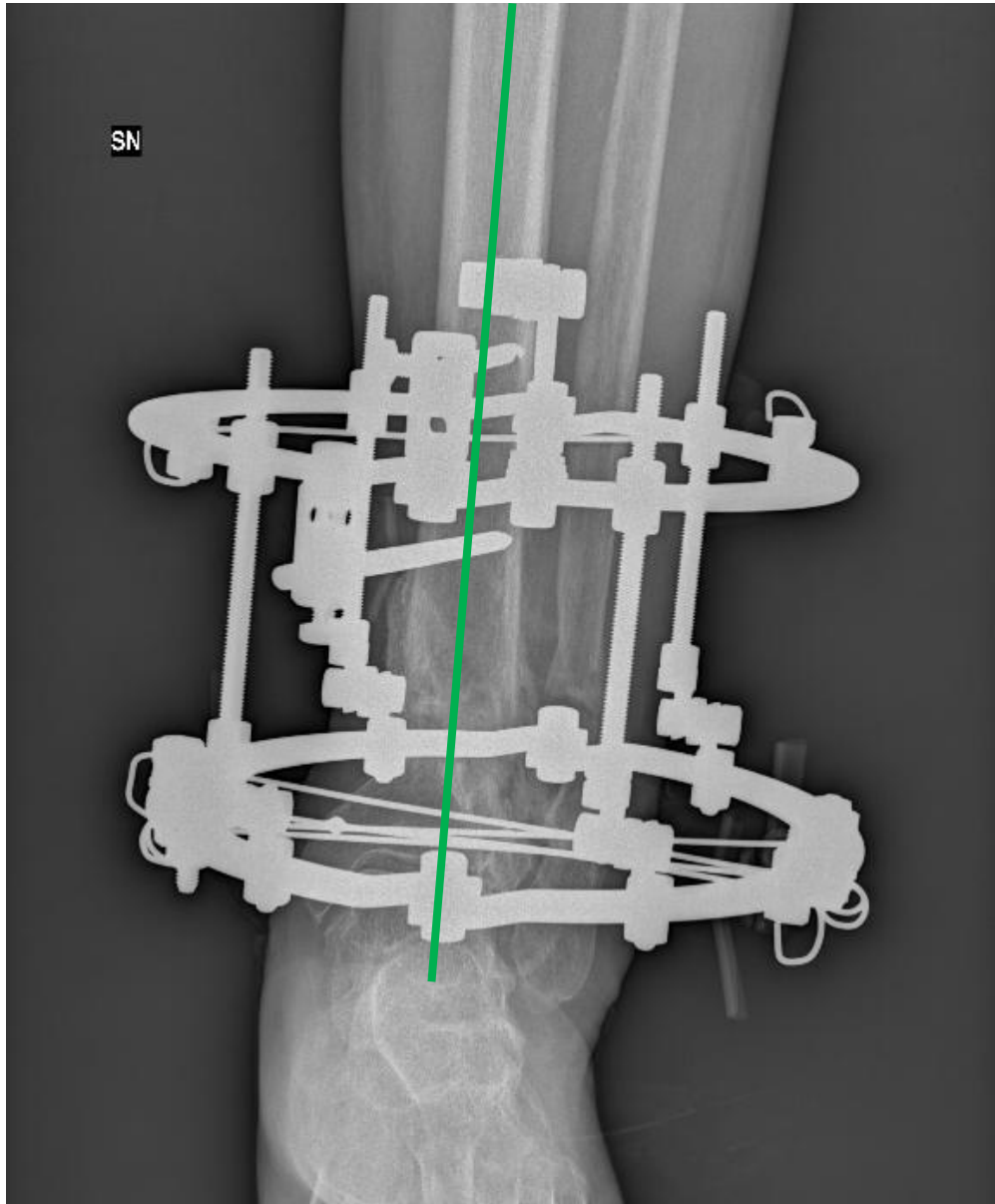








02.02.2023





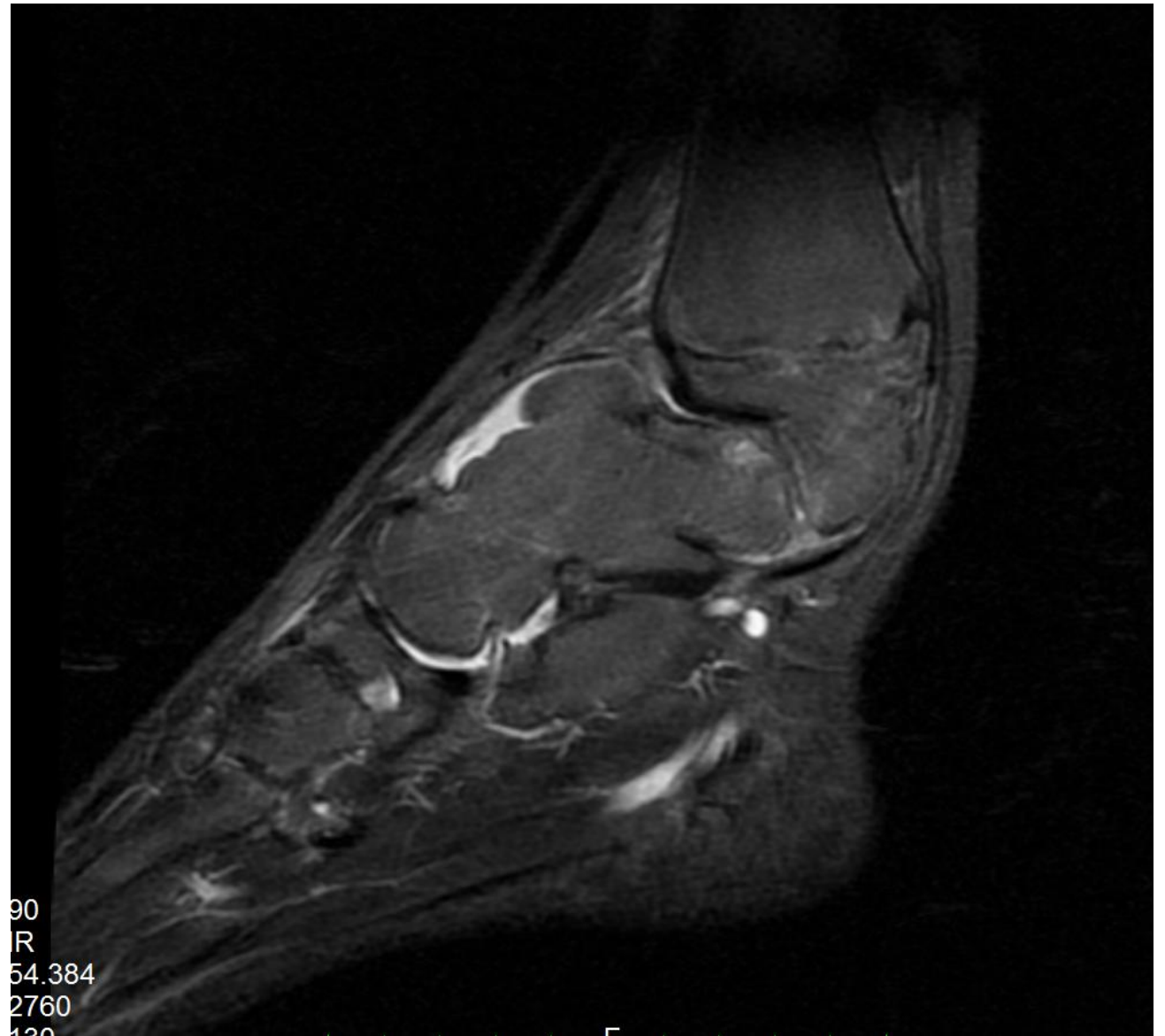
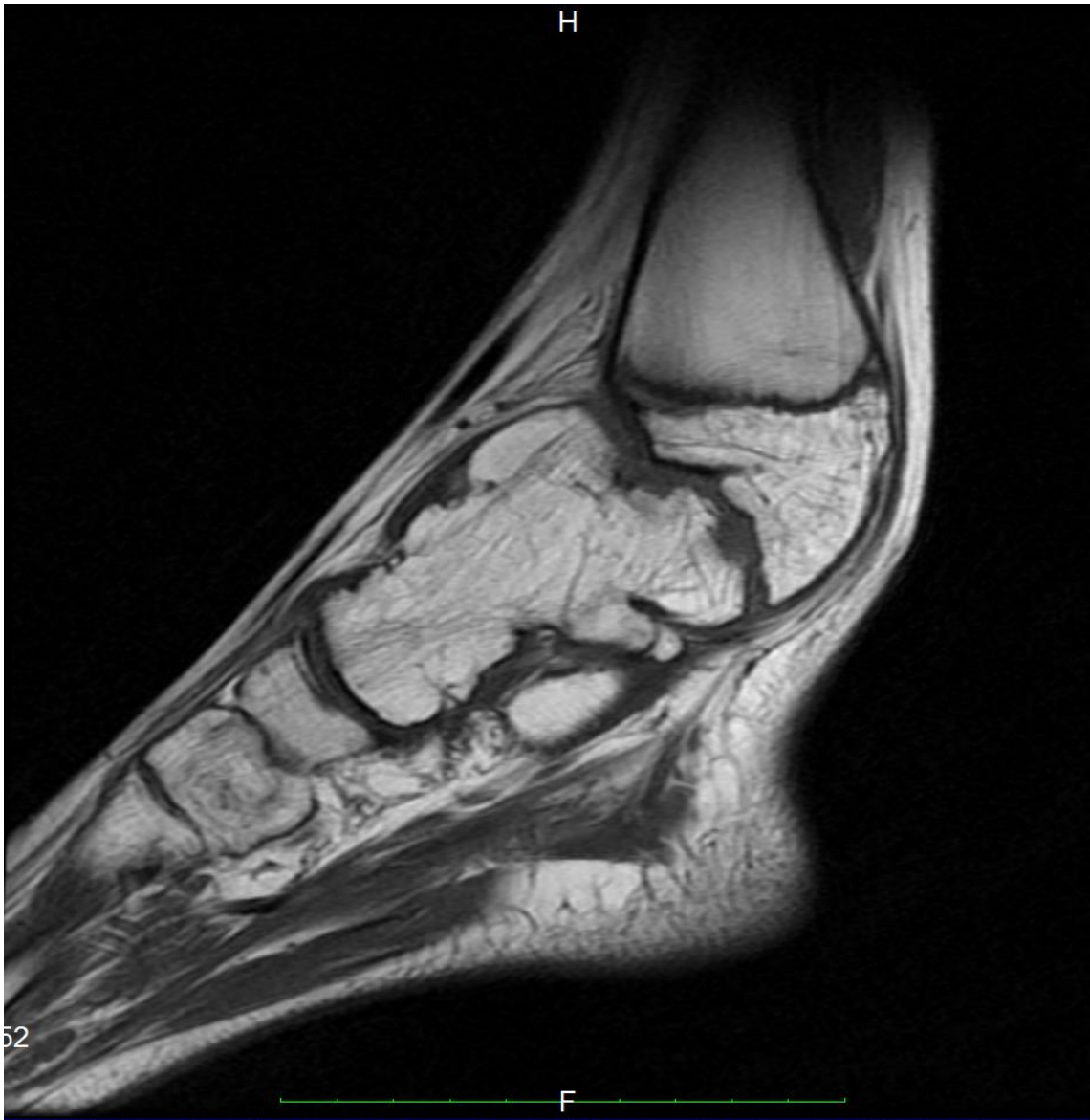


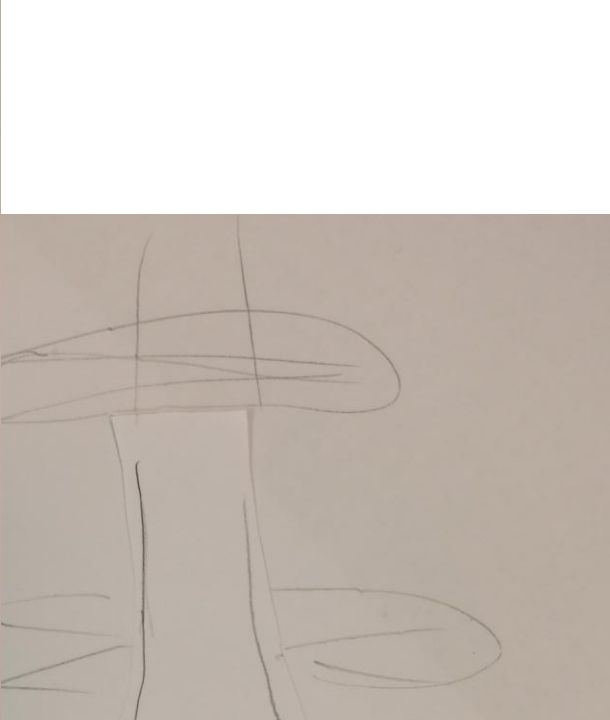
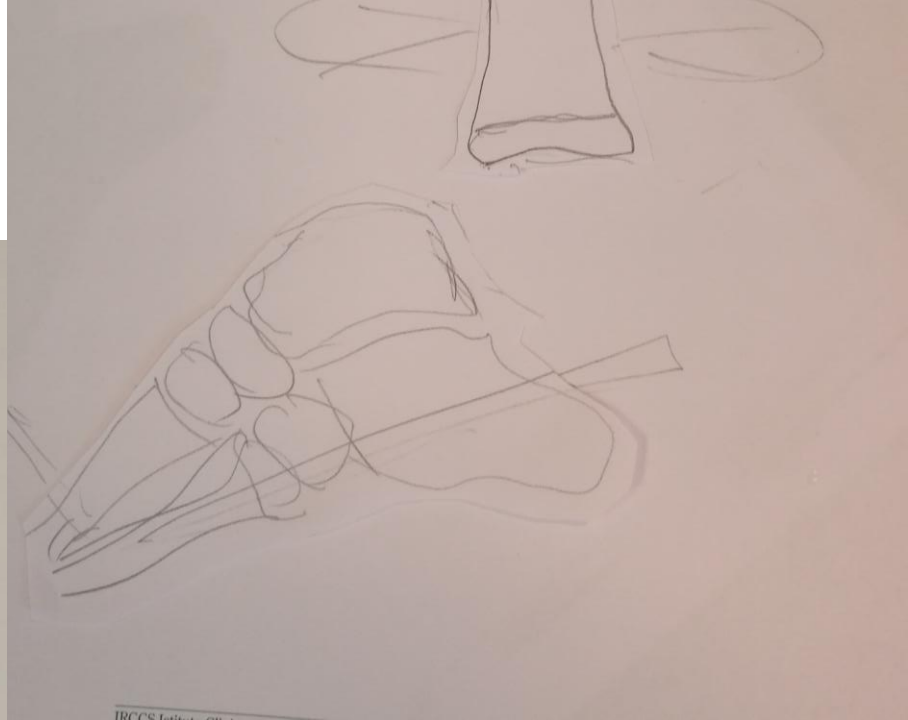
13 ANNI

DISPLASIA EPIFISARIA  
EMIMELICA



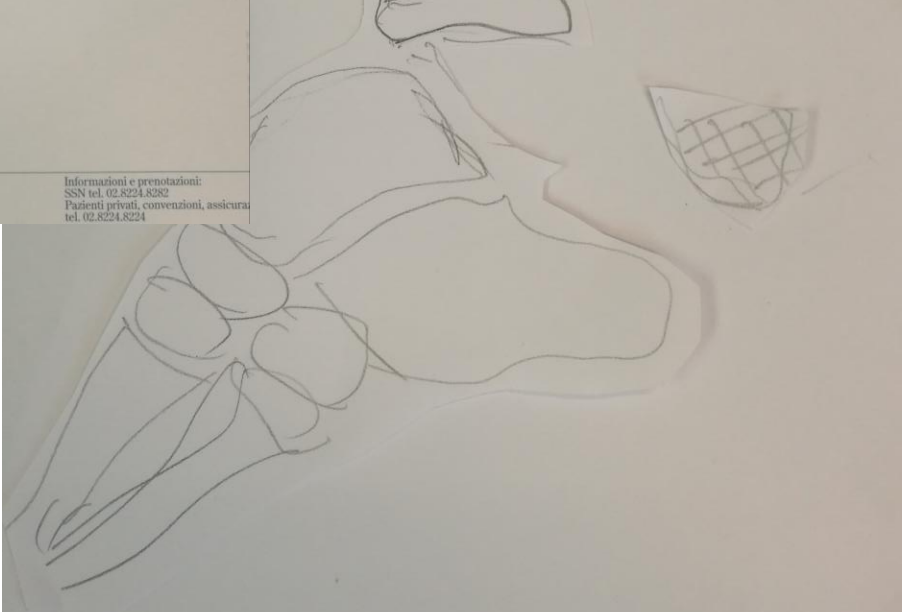




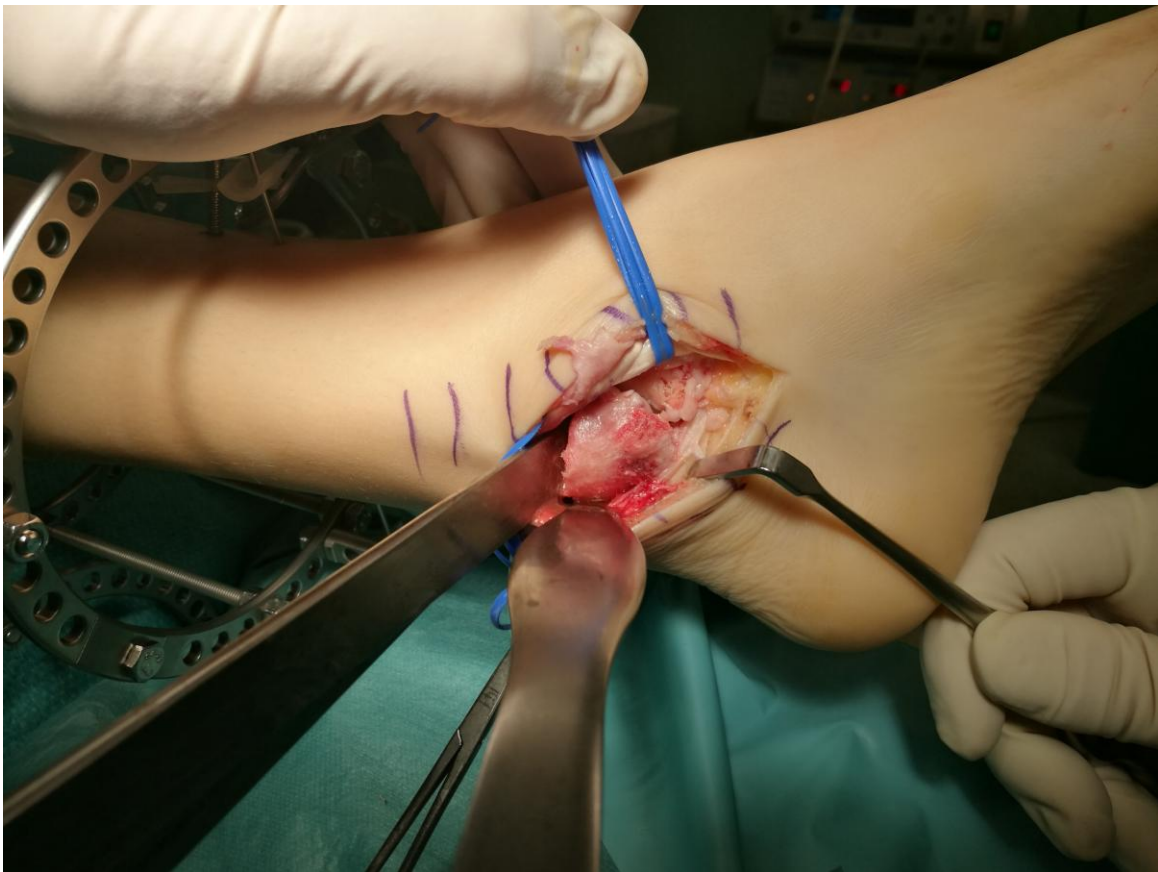


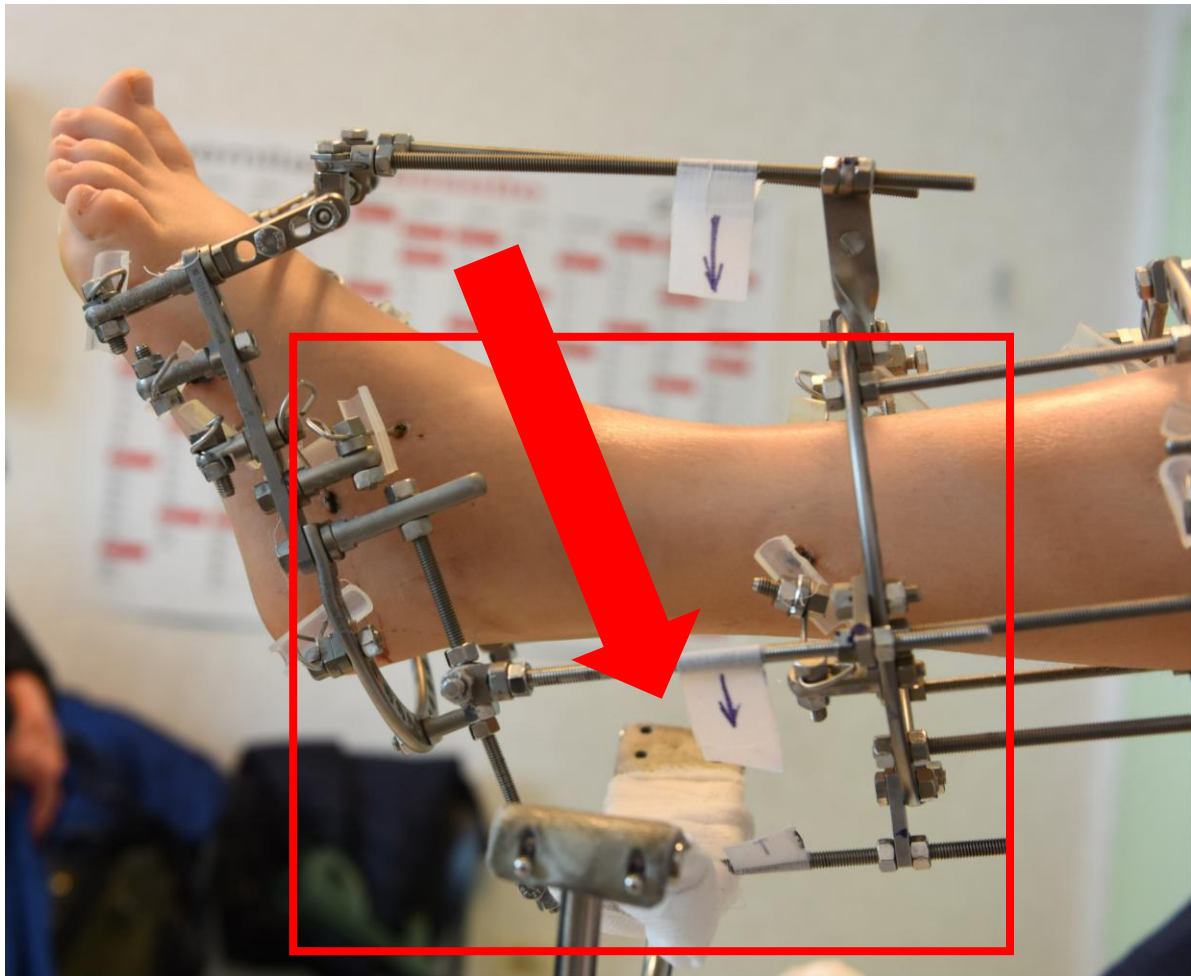
RCCS Istituto Clinico Humanitas  
Via Manzoni 56  
20089 Rozzano (Milano)

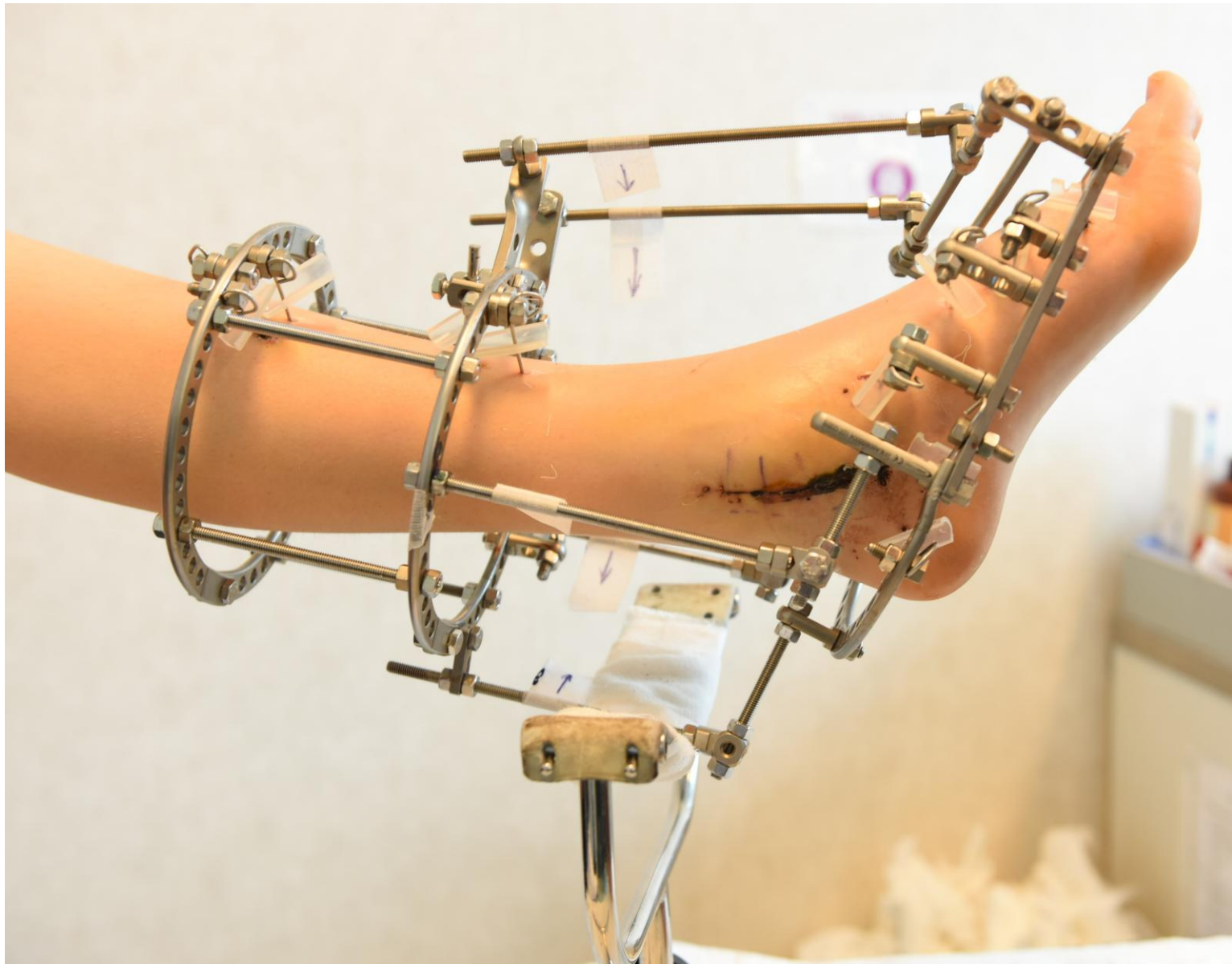
Informazioni e prenotazioni:  
SSN tel. 02.8224.8282  
Pazienti privati, convenzioni, assicurazioni  
tel. 02.8224.8224

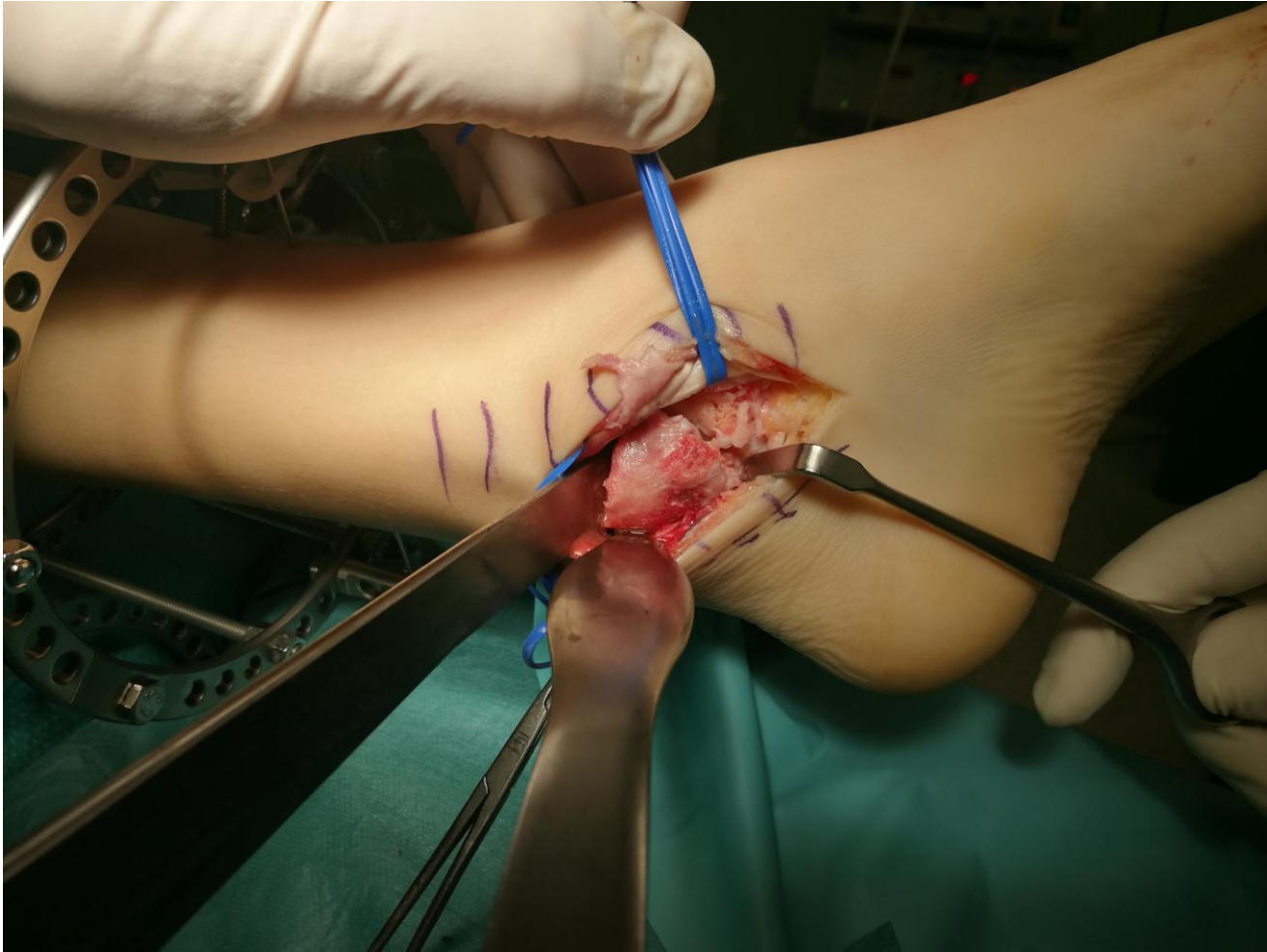


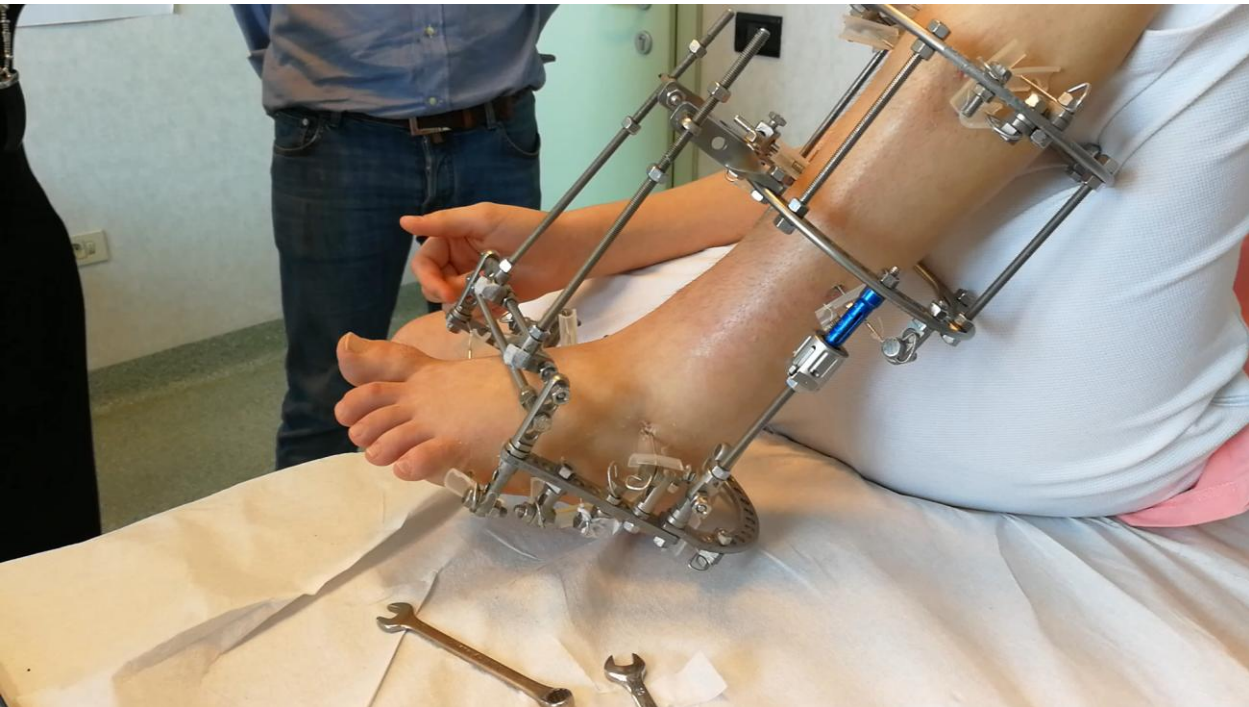
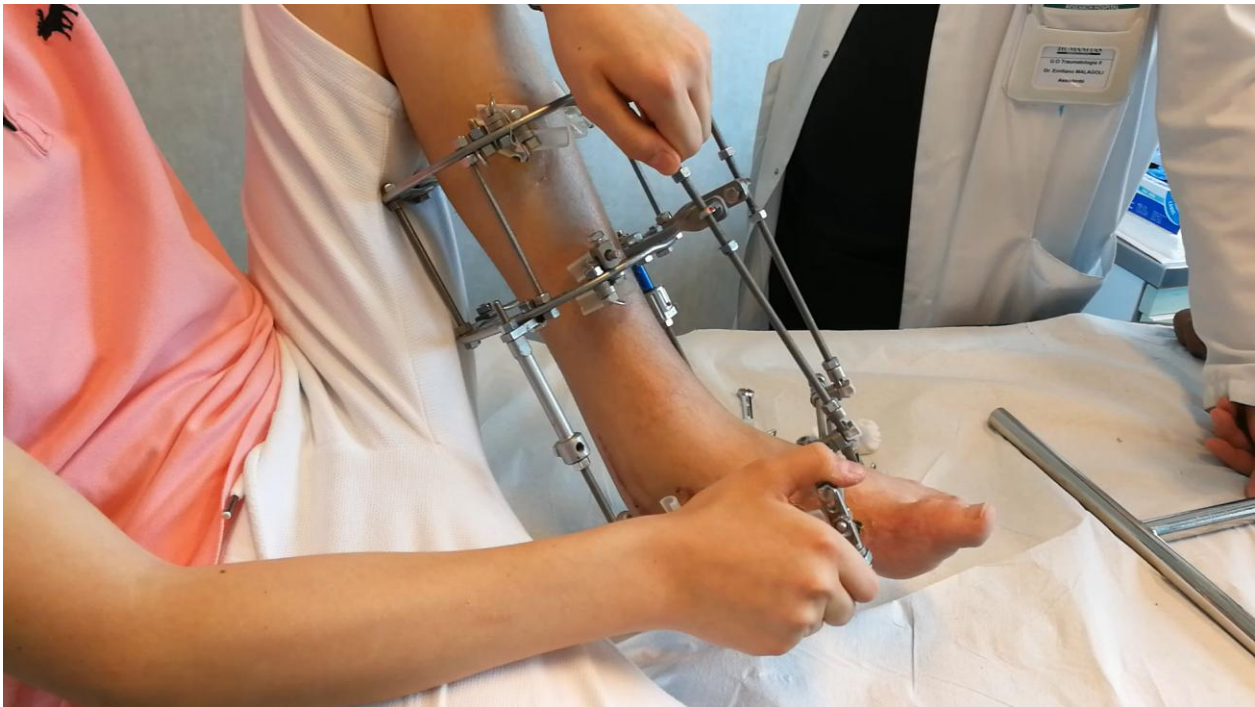














# Fissatore esapodalico vs Ilizarov

## PRO

- Vizi torsionali
- Gestione pratica del montaggio in sala ( più rapido ?)
- Non chirurgo dipendete per planning grazie al software ( uniformizza)

## CONTRO

- Rx dipendente e computer dipendente
- Bulky per montaggio al piede

## PRO

- Connessione stabile
- Possibilità di dinamizzazione
- Costo

## CONTRO

- Estremo per correzioni torsionali



2030

MILANO

9th World Congress of the ASAM-BR &

ILLRS Societies