

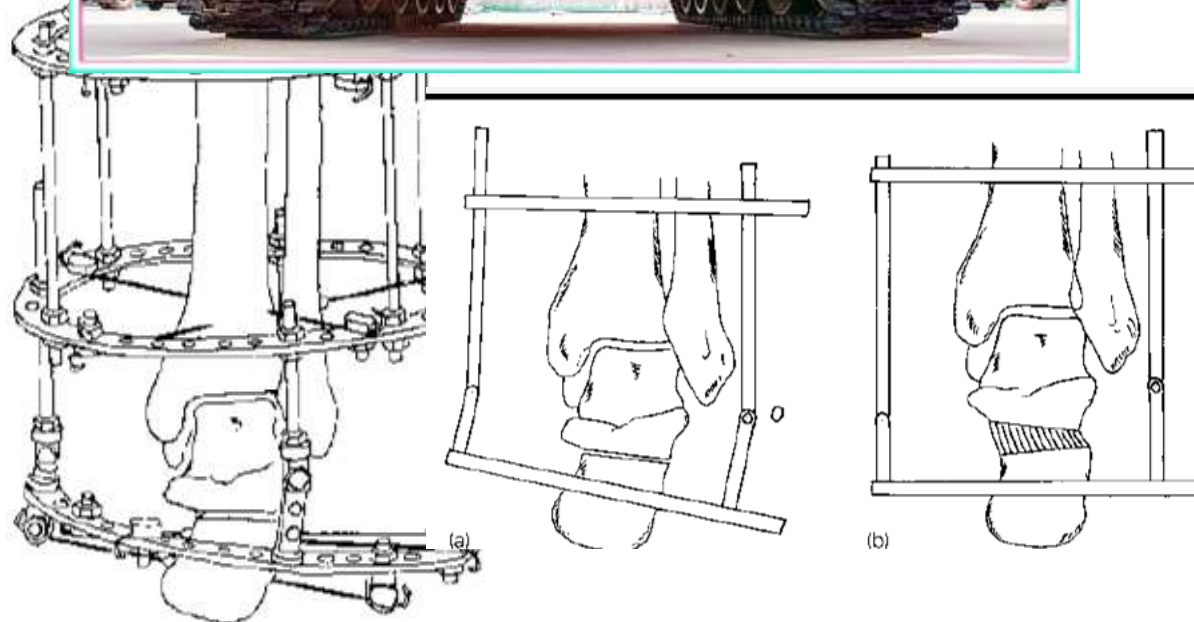
Correzione delle deformità complesse del piede tramite il metodo di **Ilizarov** associato all'osteotomia a **V e Y**

Dr Lucchesi Giovanni

Lucchesi G., Malagoli E., Kirienko A.

Ortopediatria Center Bologna, Clinical Institute Humanitas Milano

ILIZAROV PIEDE



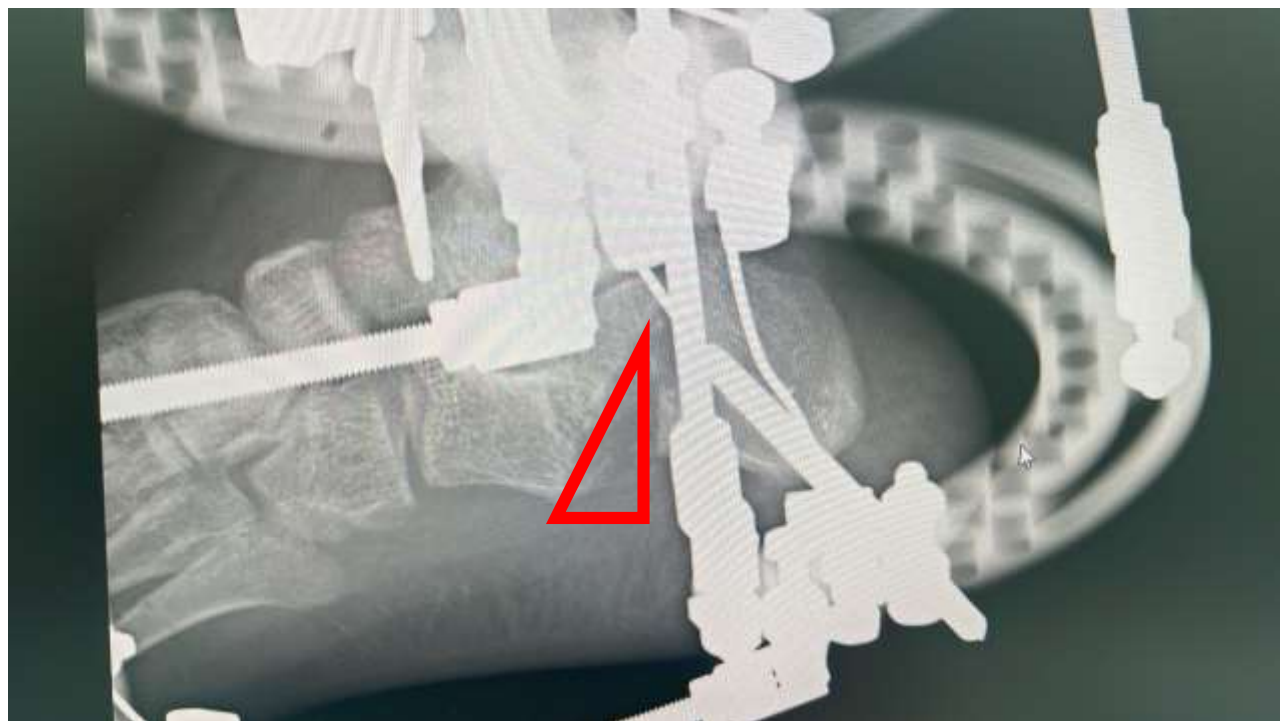
14anni , PTC

3 PREGRESSE CHIRURGIE



13 anni , esiti PTC plurioperato



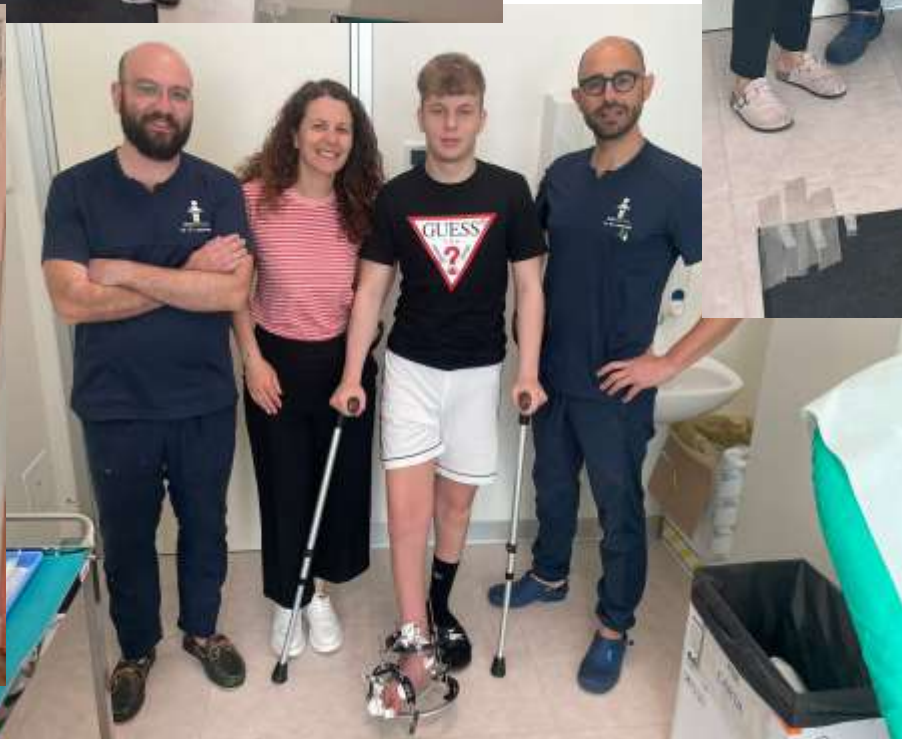




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Dr Kirienko

Milano

2019



55 piedi , 12 differenti patologie Numero più alto in letteratura

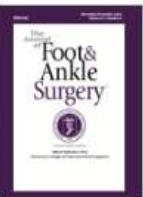
- 9 from hemimelia,
- 7 from Charcot-Marie- Tooth,
- 5 from poliomyelitis,
- 3 from spina bifida,
- 2 from myopathy,
- 2 from poly-epiphyseal dysplas
- 1 from achondroplasia,
- 1 from arthrogryposis,
- 1 from Charcot's foot and
- 1 patient from rheumatoid artl





teotomy using the Ilizarov method.
(A.K).



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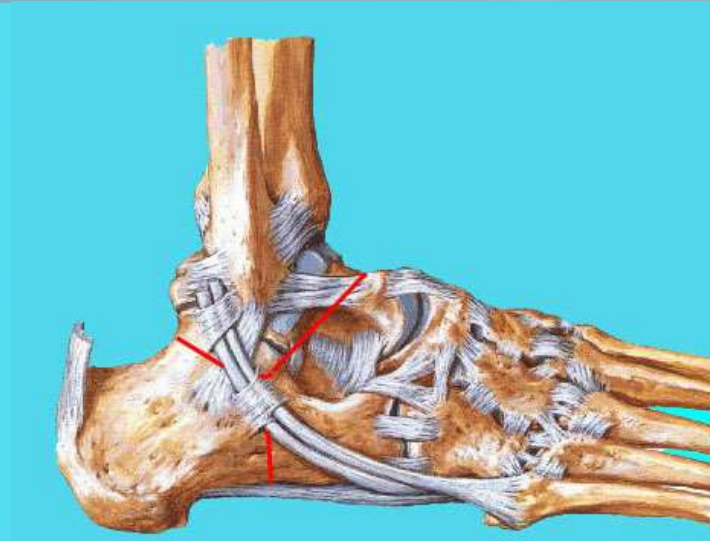
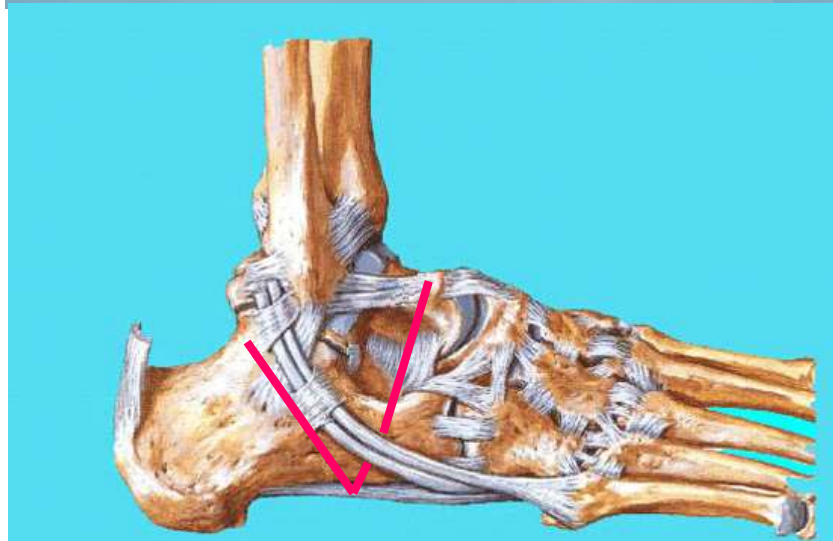
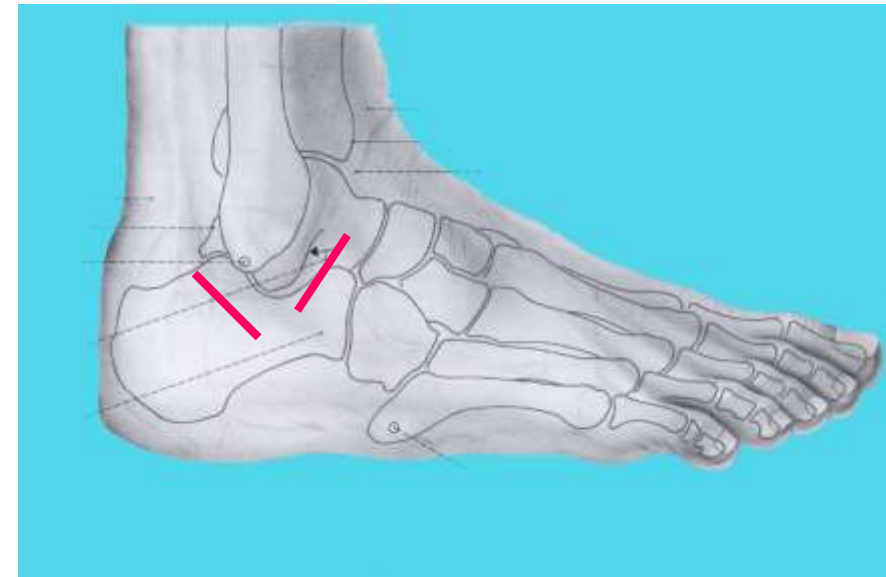
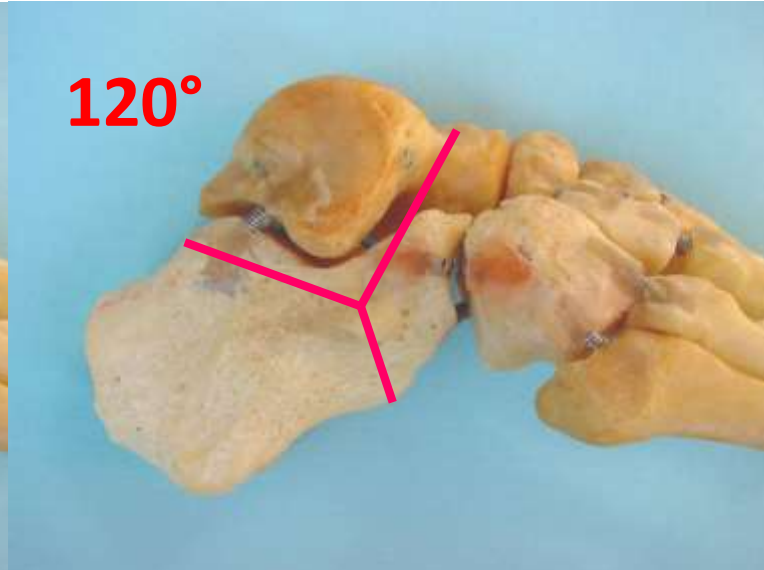
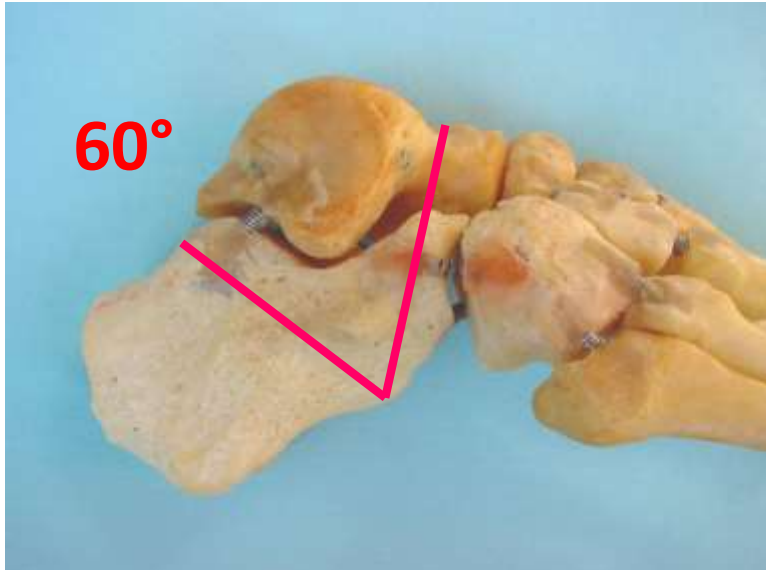
Correction of a Complex Foot Deformity With V and Y Osteotomy and Ilizarov Method

A. Kirienko MD¹, L. Gradov MD², E. Malagoli MD¹  , F. Tacci MD³,
G. Lucchesi MD⁴

V-Y osteotomy

10, 11, 12
OTTOBRE 2024

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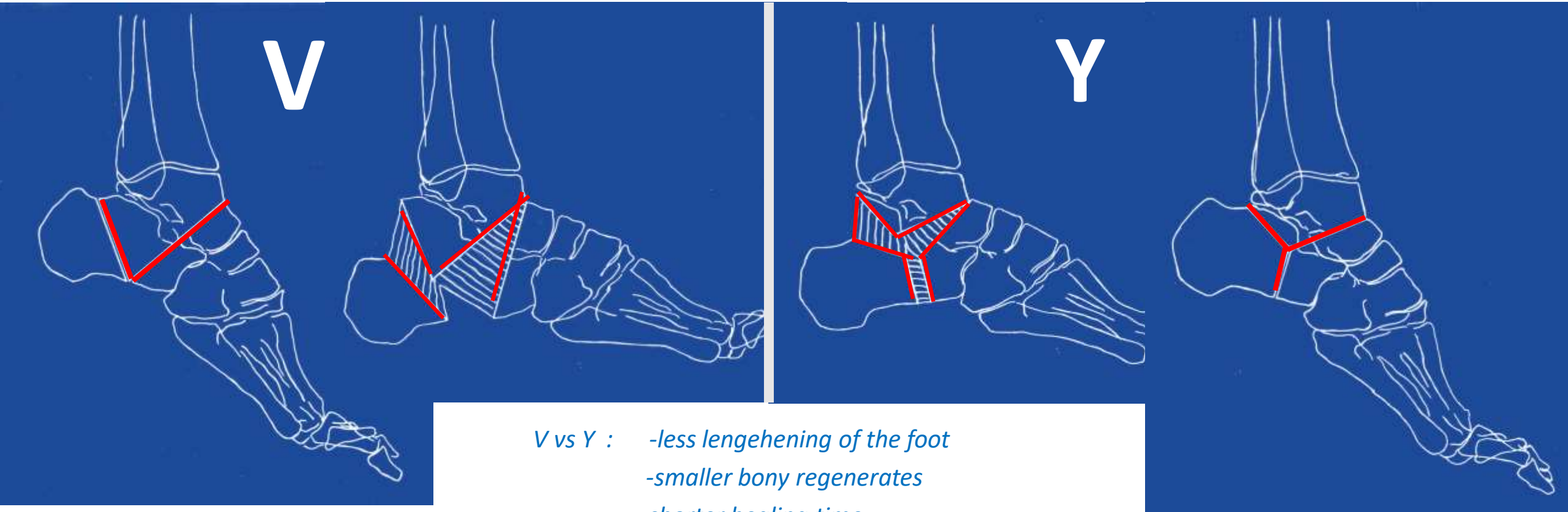
“V”

osteotomy

“Y”

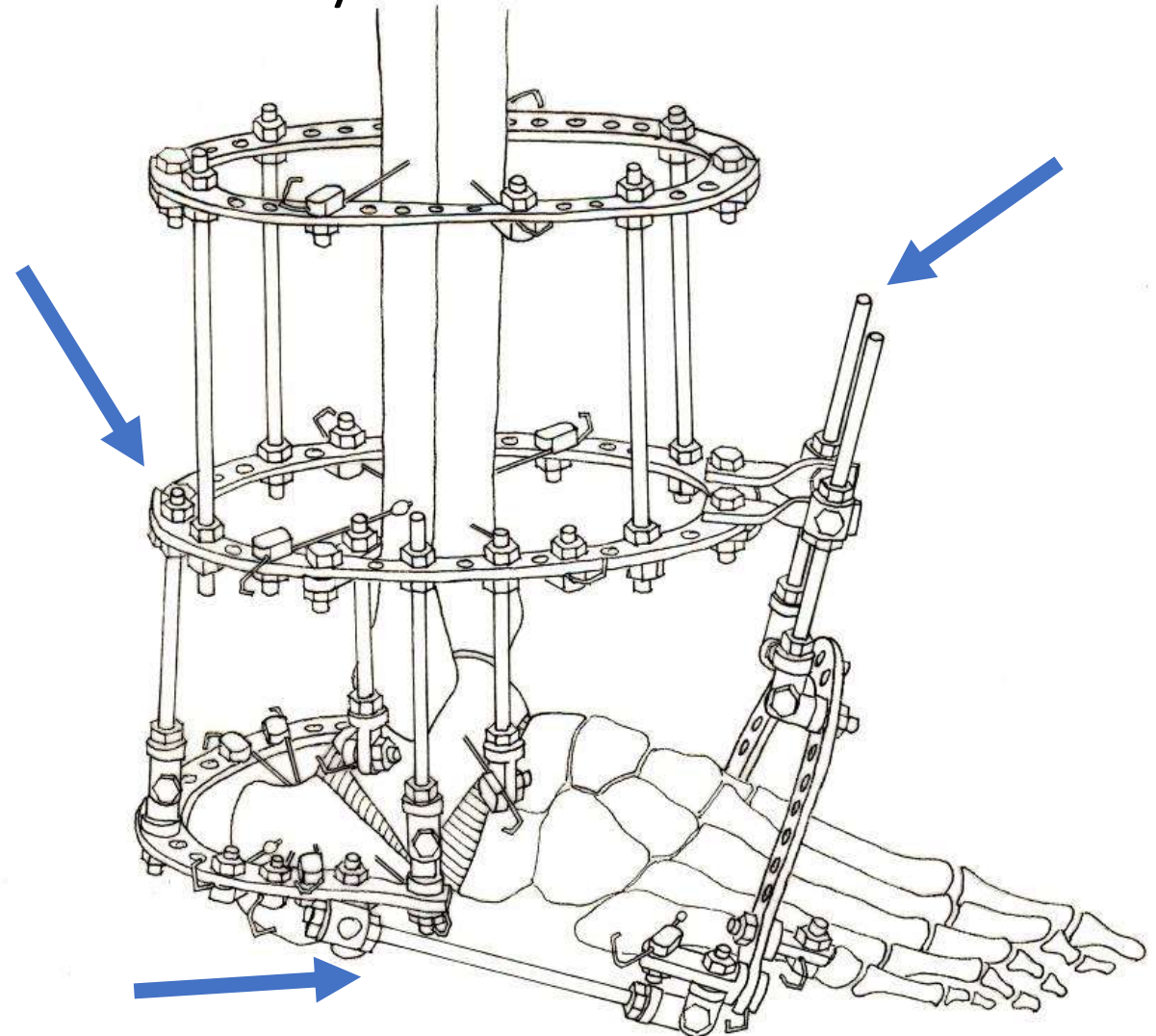
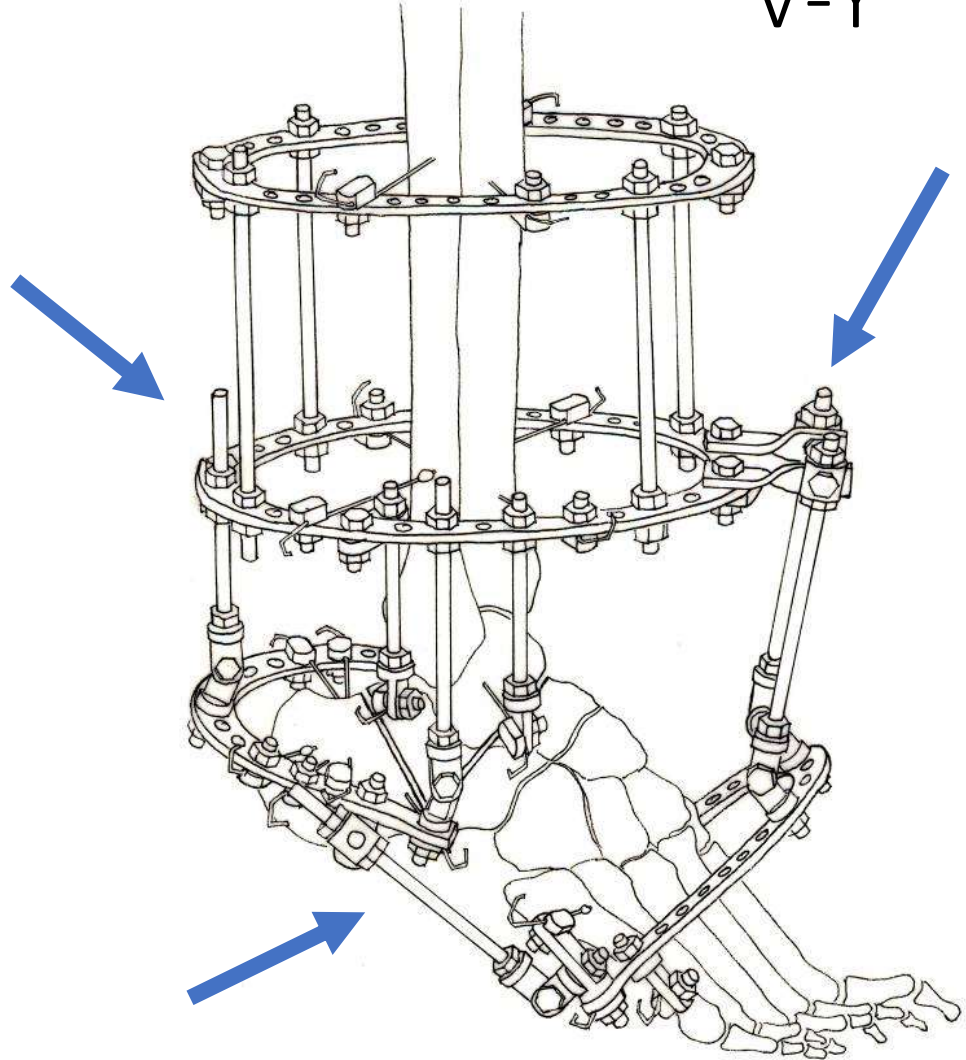
Entrambe correzione del retropiede e dell'avampiede .

V osteotomy consente una correzione e, se necessario, un allungamento di circa il **27%** della lunghezza di partenza.



V vs Y :
-less lengthening of the foot
-smaller bony regenerates
-shorter healing time
-less complications

“V-Y” osteotomy

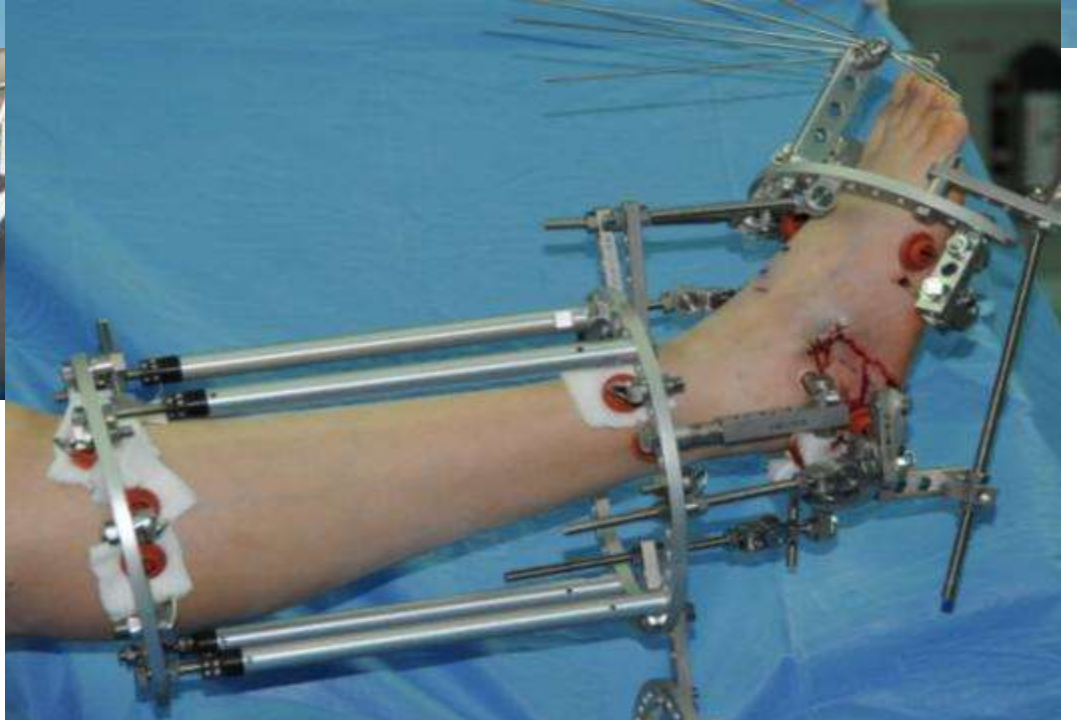
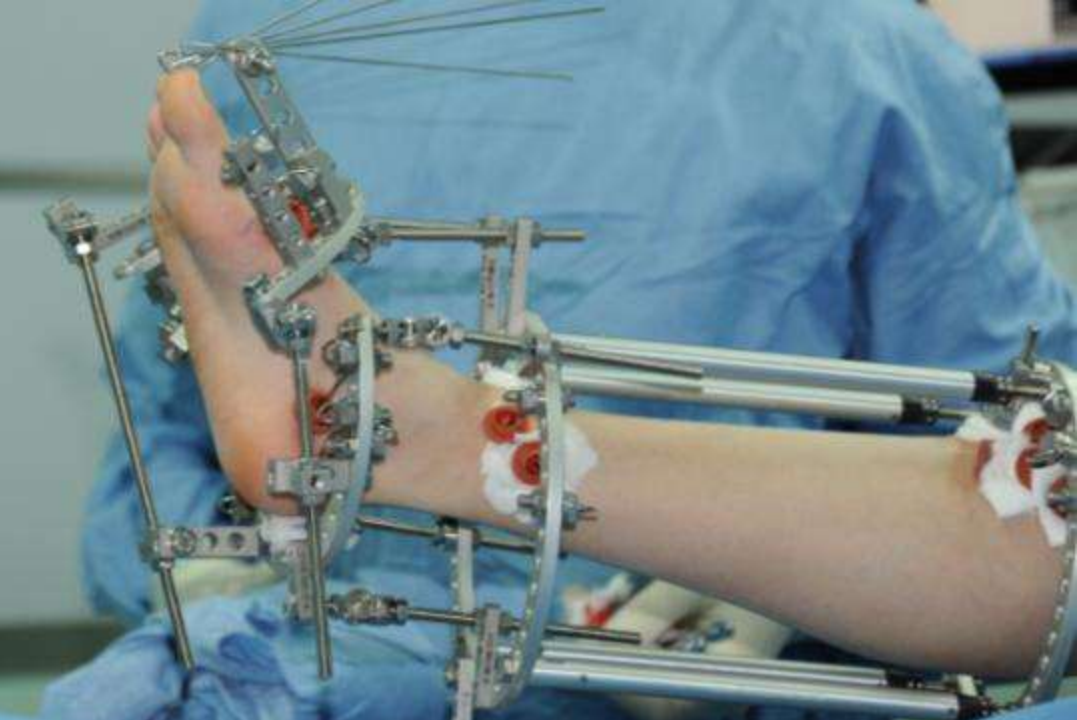


1) V osteotomy.

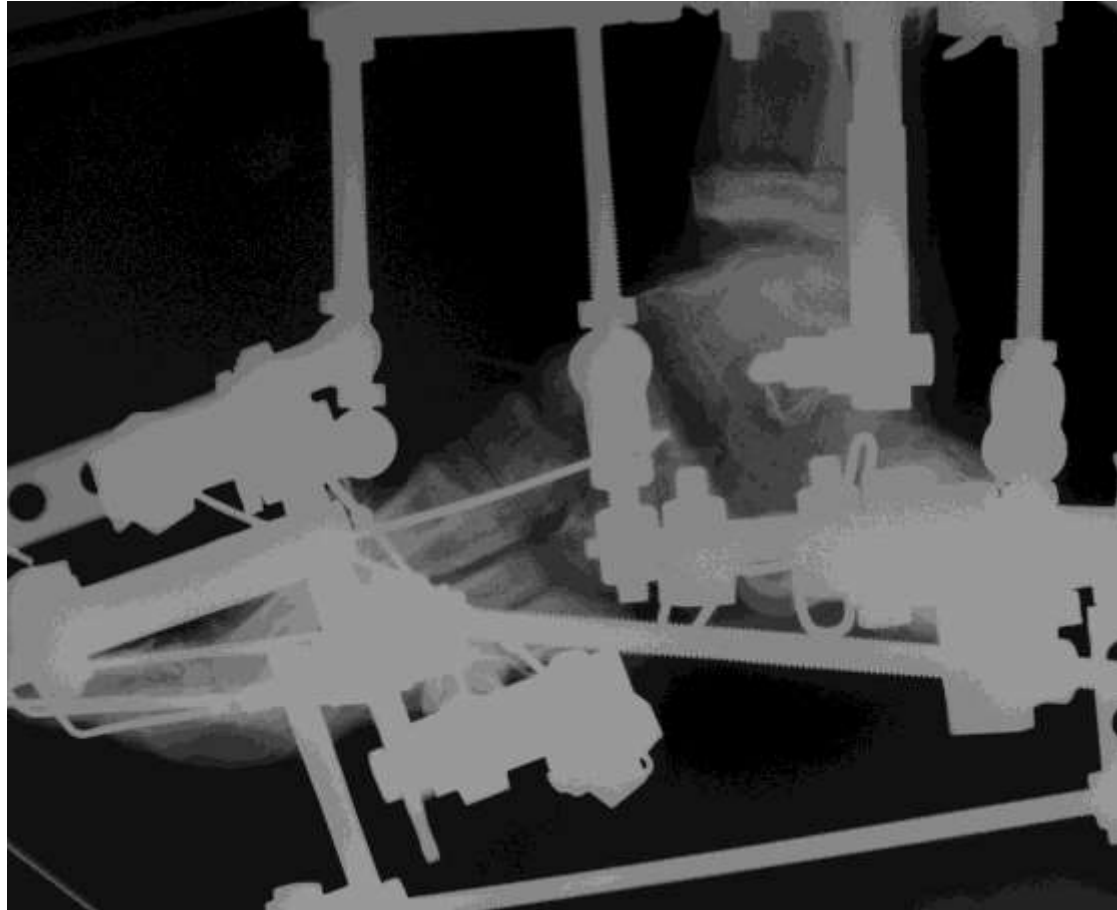
13 y.o.girl with hemimelia of the right leg and foot, Equinus-cavus and varus foot deformities



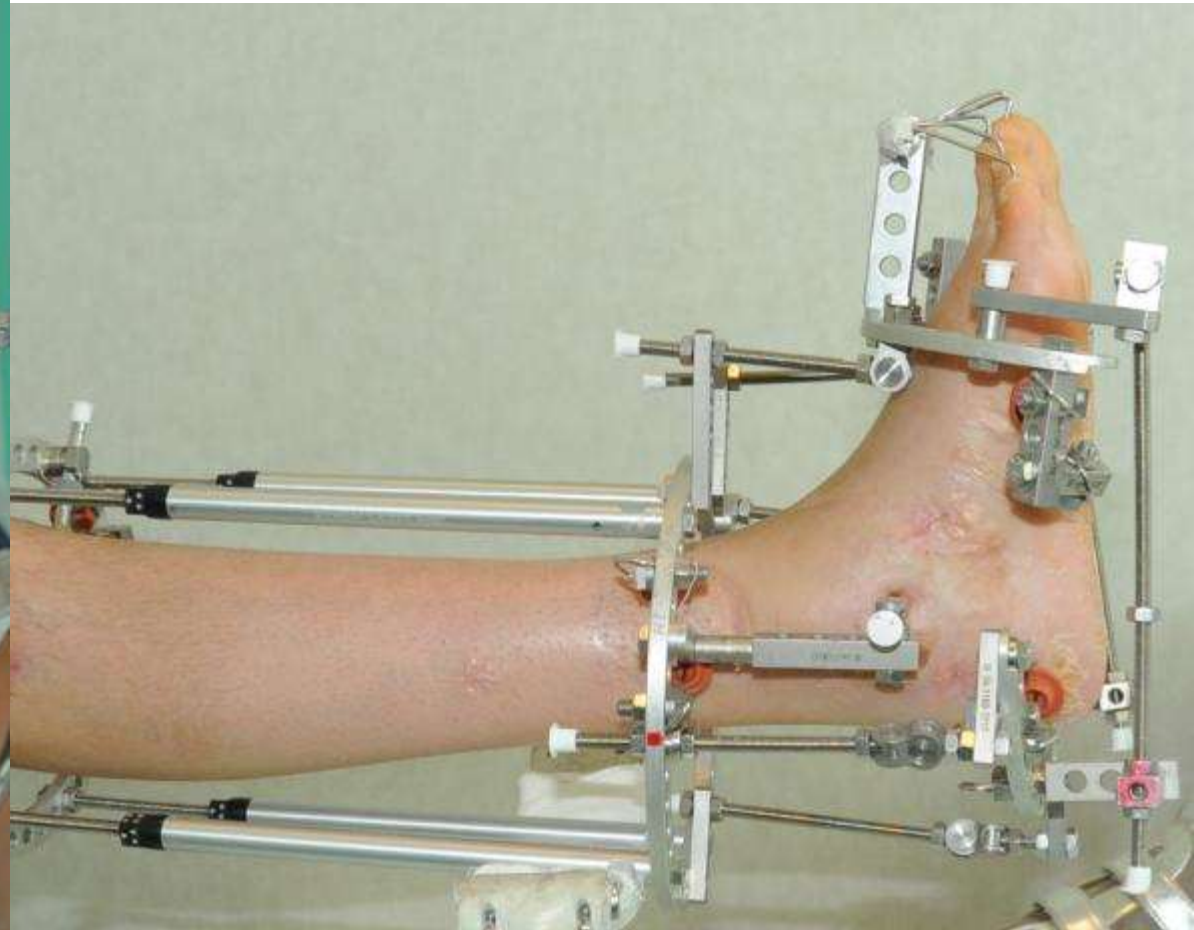




X-Rays during correction and lengthening of the foot and leg



End of correction



Radiological result





2) 12 y.o. Displasia Epifisaria Multipla
Club foot.
Previous bilateral talectomy





Treatment Plan, Y osteotomy of the calcaneus and distal tibia





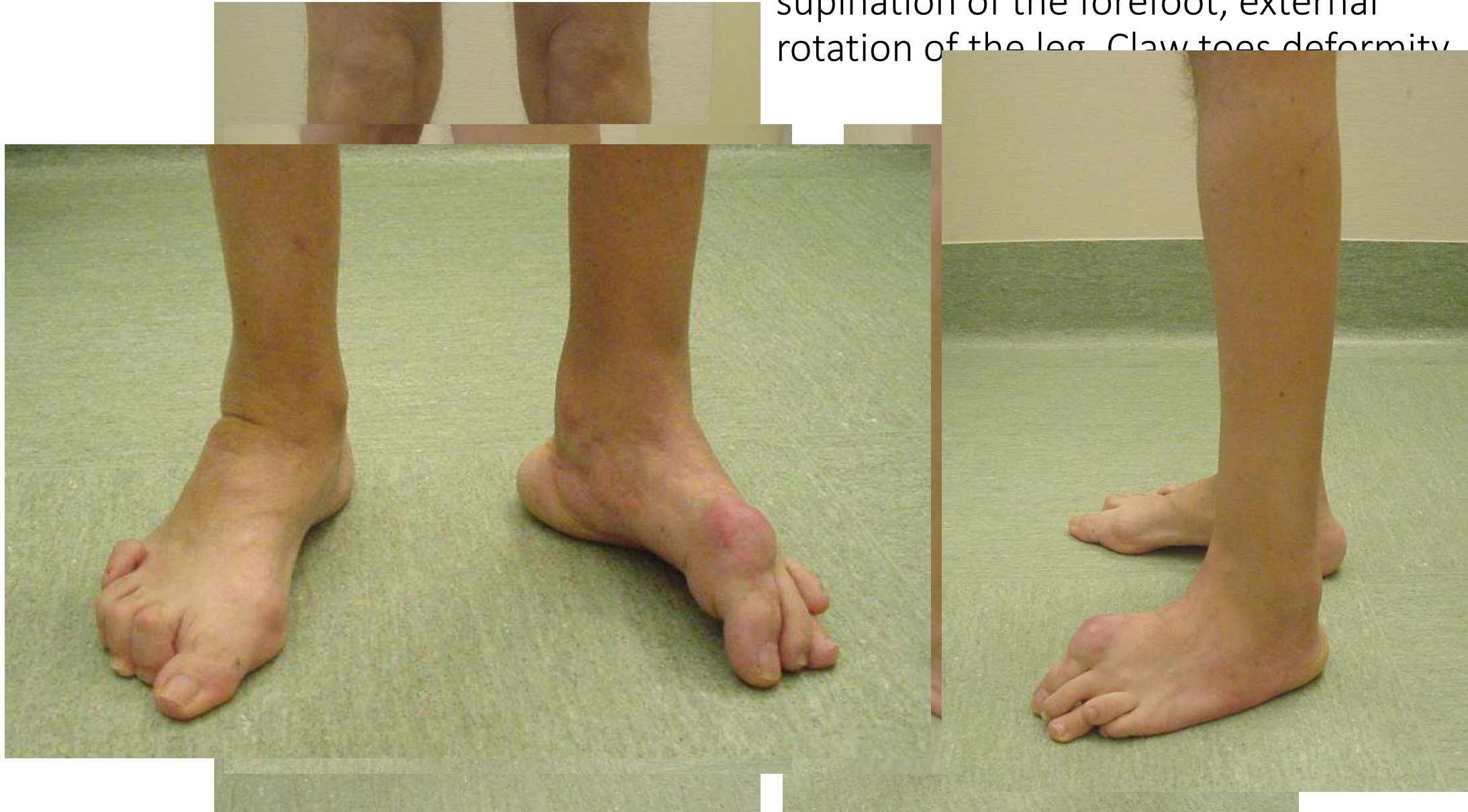


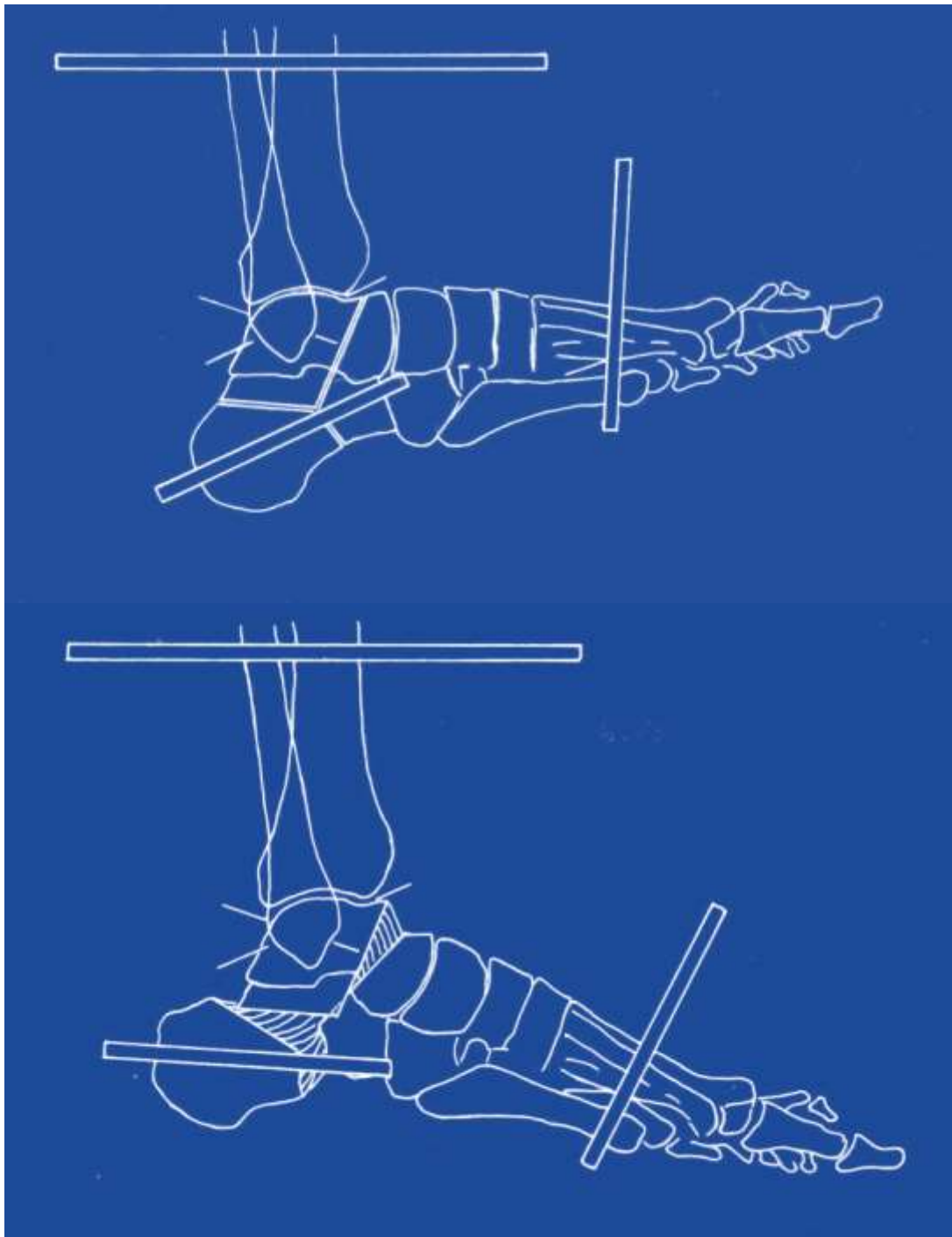
Right foot



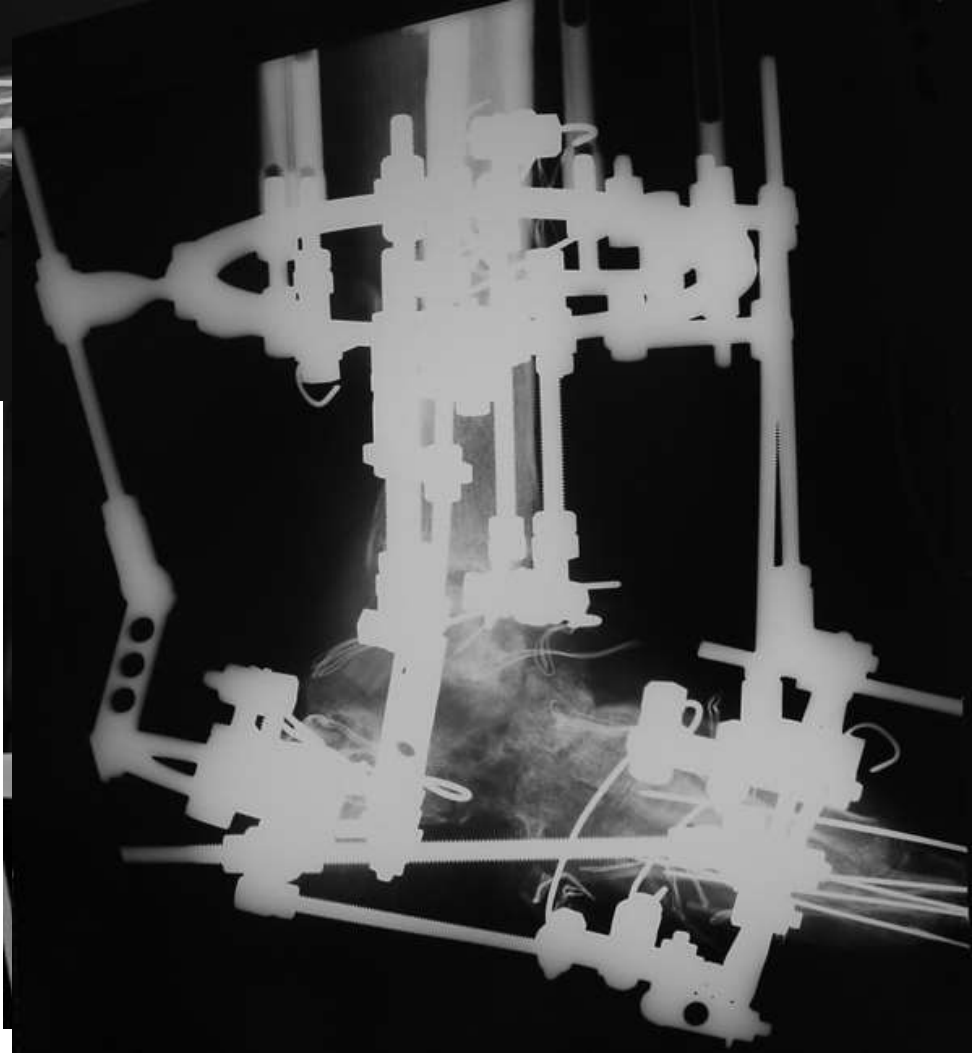
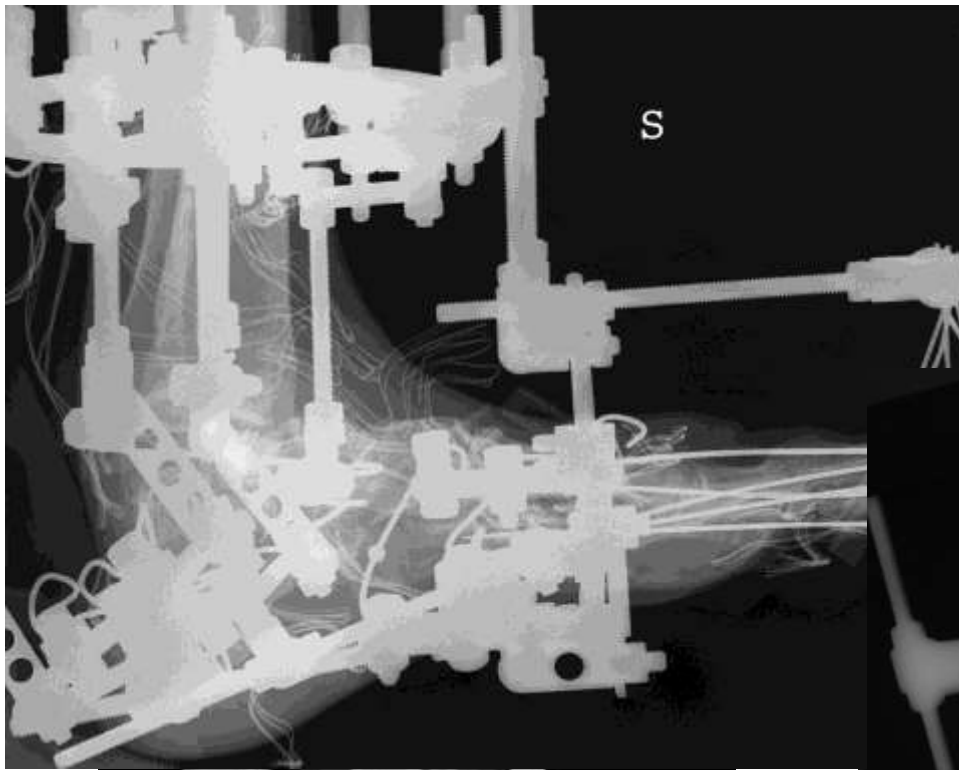


3) Patient with vertical calcaneus, supination of the forefoot, external rotation of the leg. Claw toes deformity.





the tibia and fibula





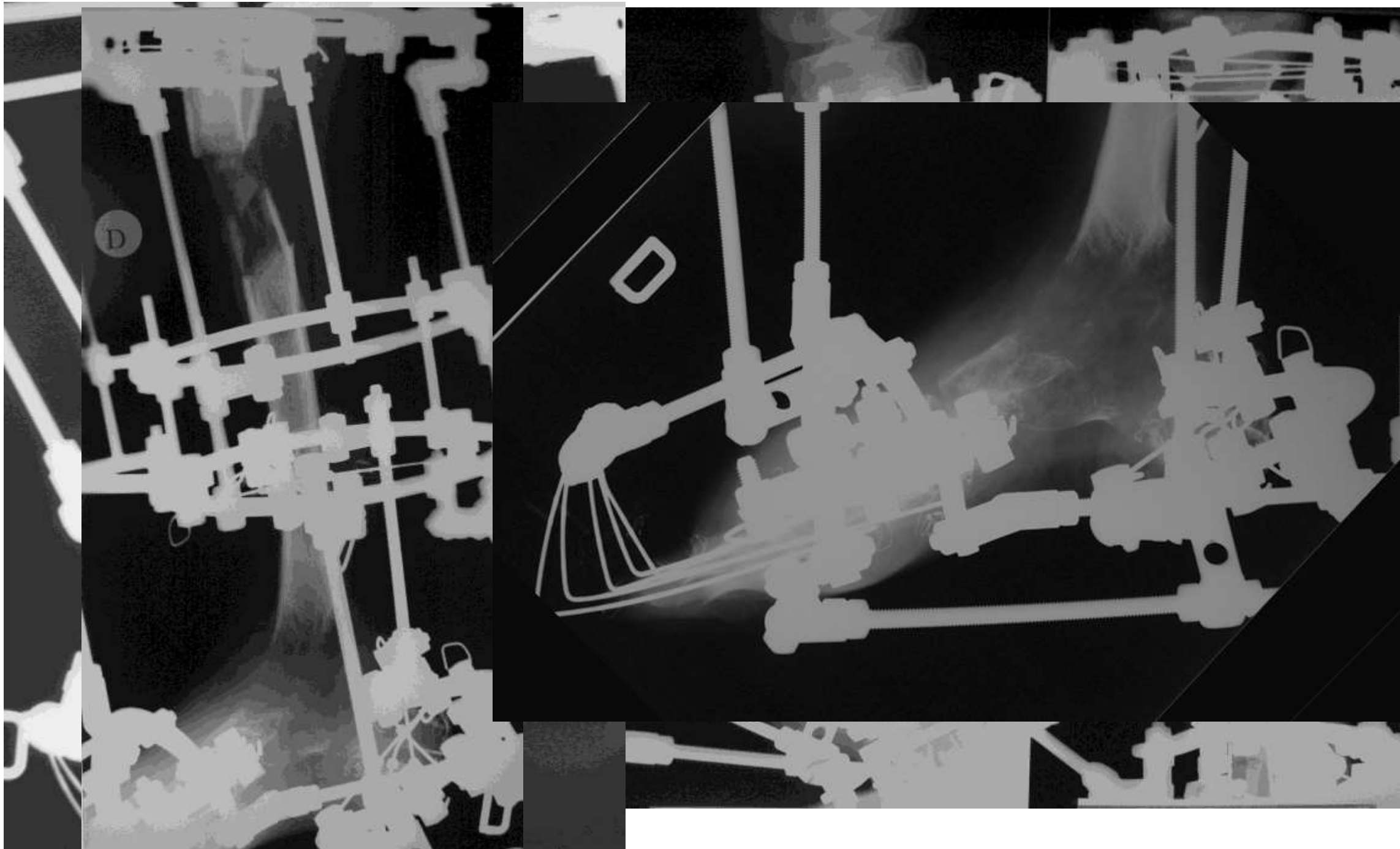
Lengthening of the Tib. Ant. M. tendon



4) Congenital tibial Hemimelia









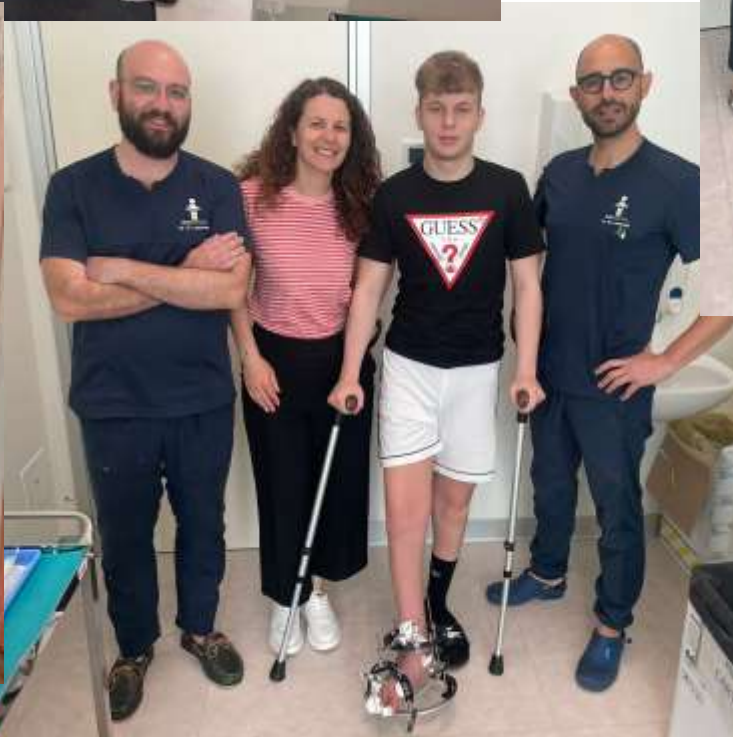








Grazie!



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