

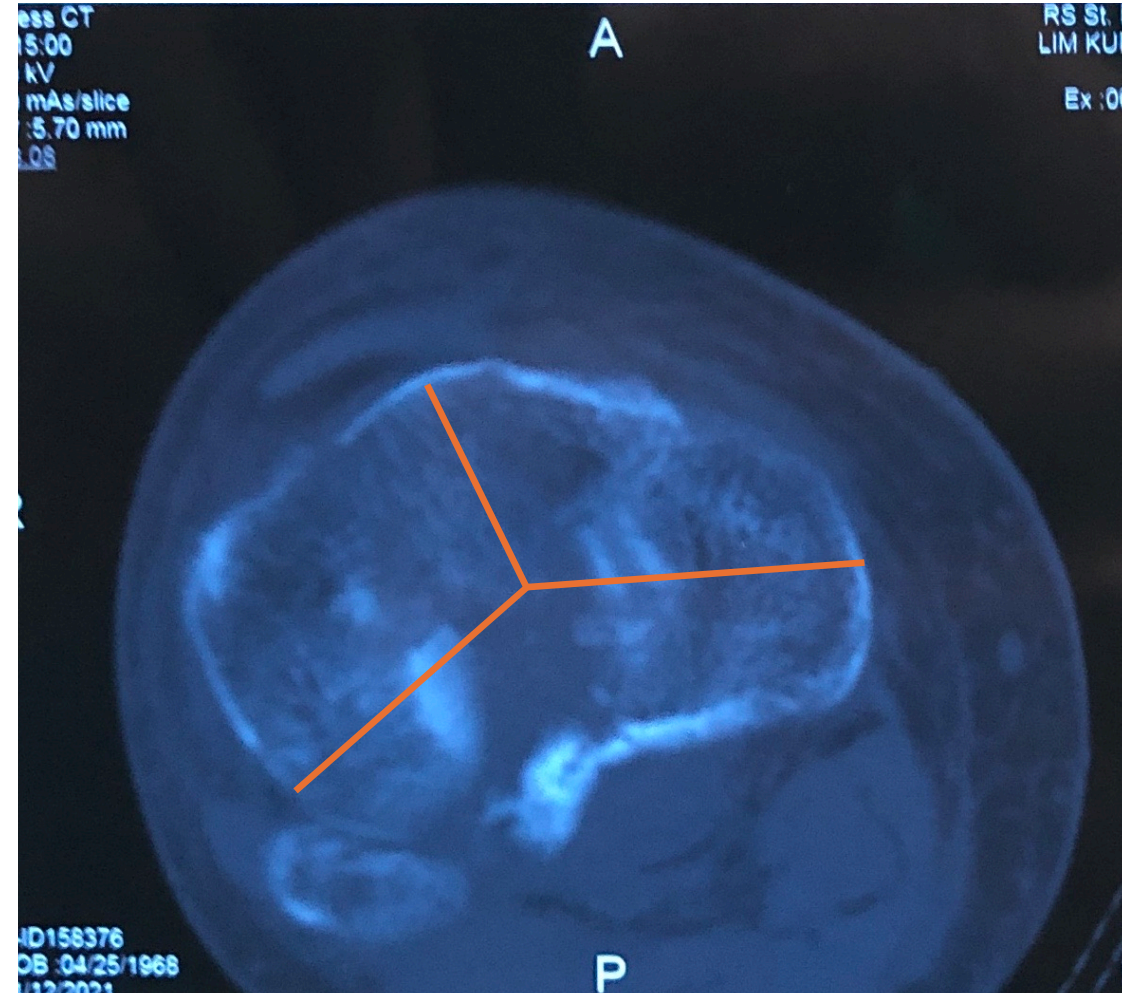
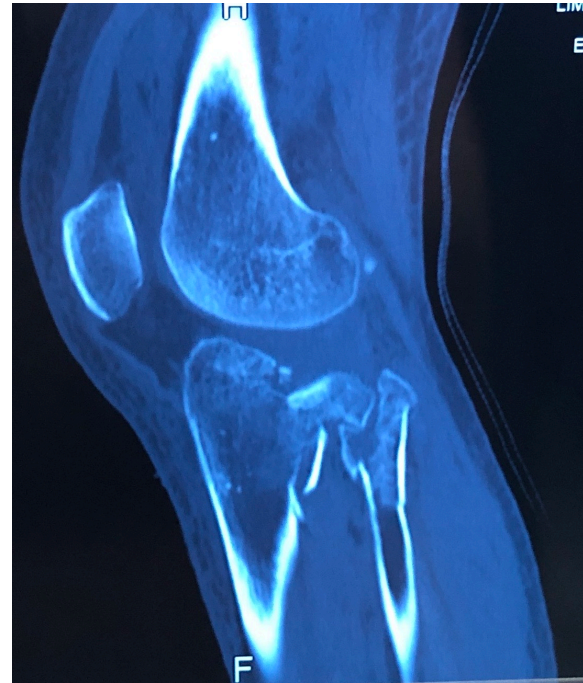
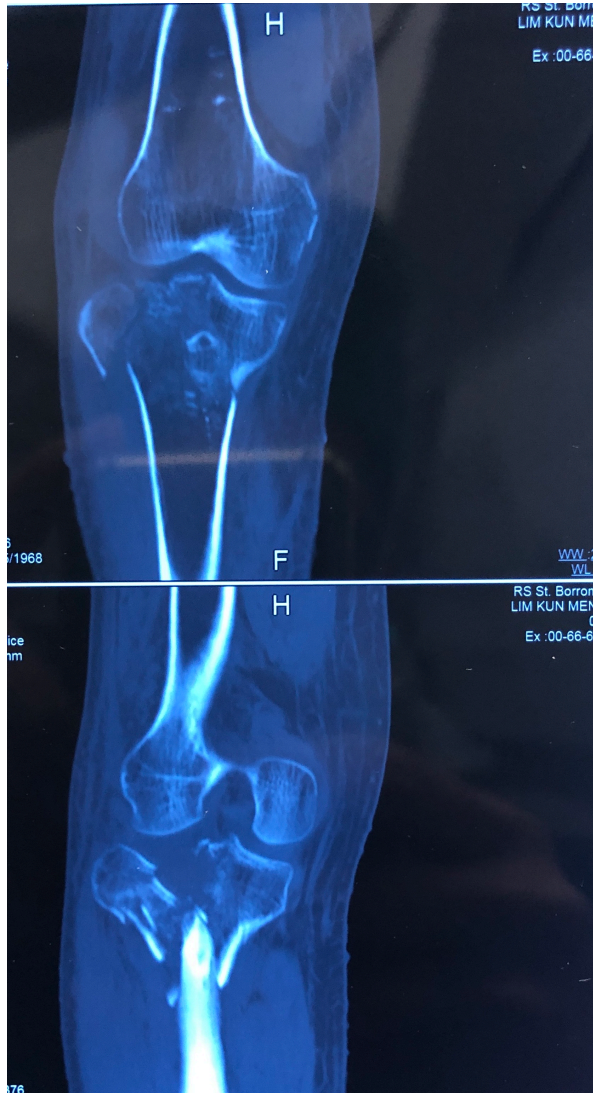
Complex Tibia Plateau Fracture

Andre Yanuar

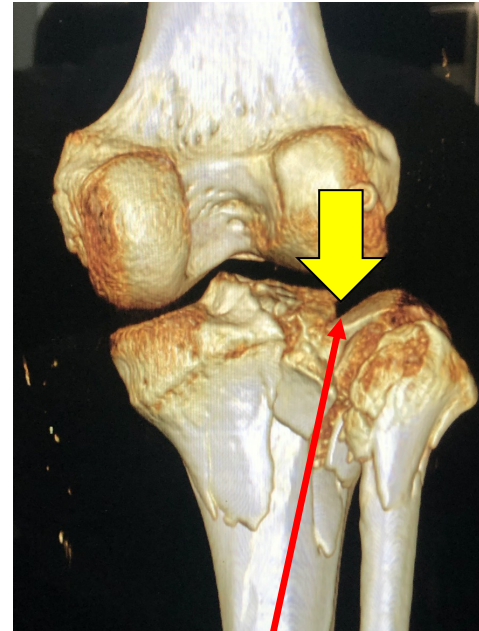
M, 53 years old, MVA 11-11-2021



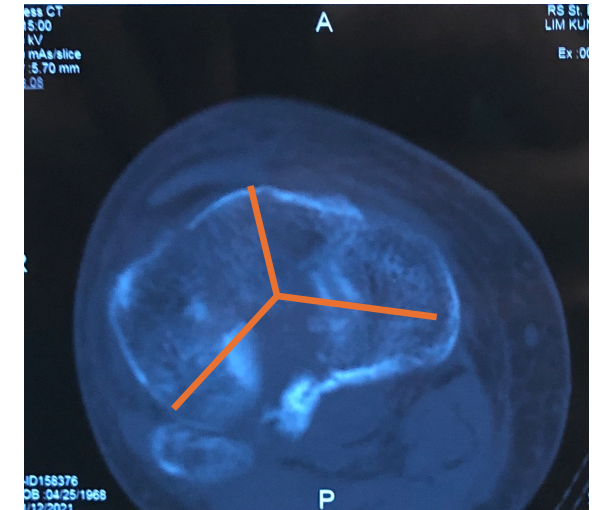
CT Scan



Mechanism of Injury



Depression



Flexion - Valgus

Soft-Tissue condition



14 days

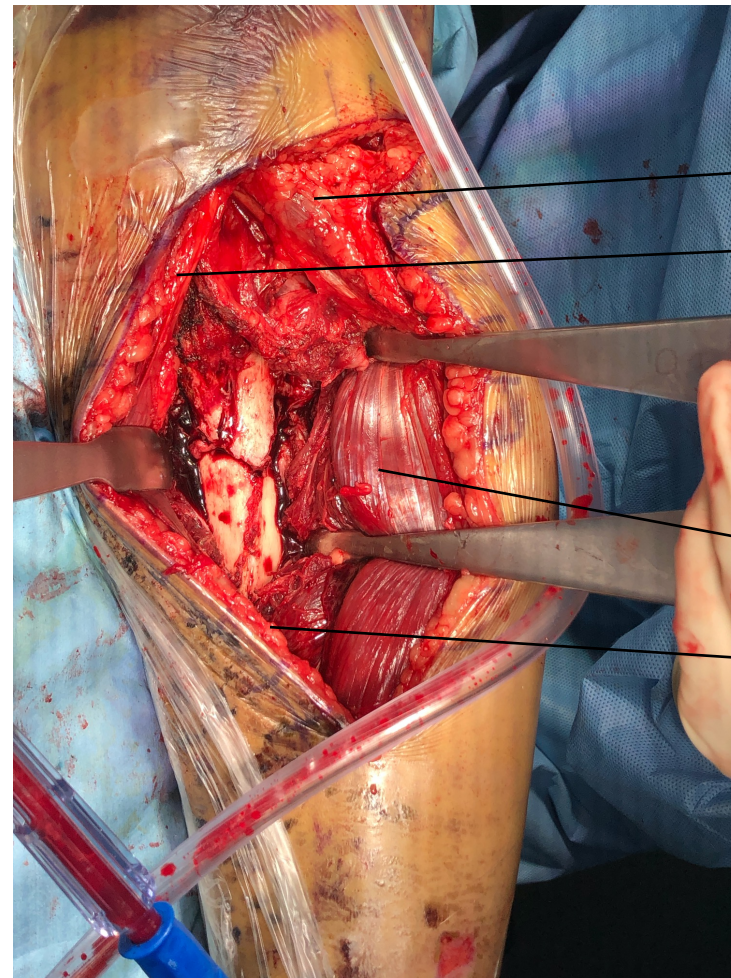


Reversed L – Shaped incision



Reversed L – Shaped incision





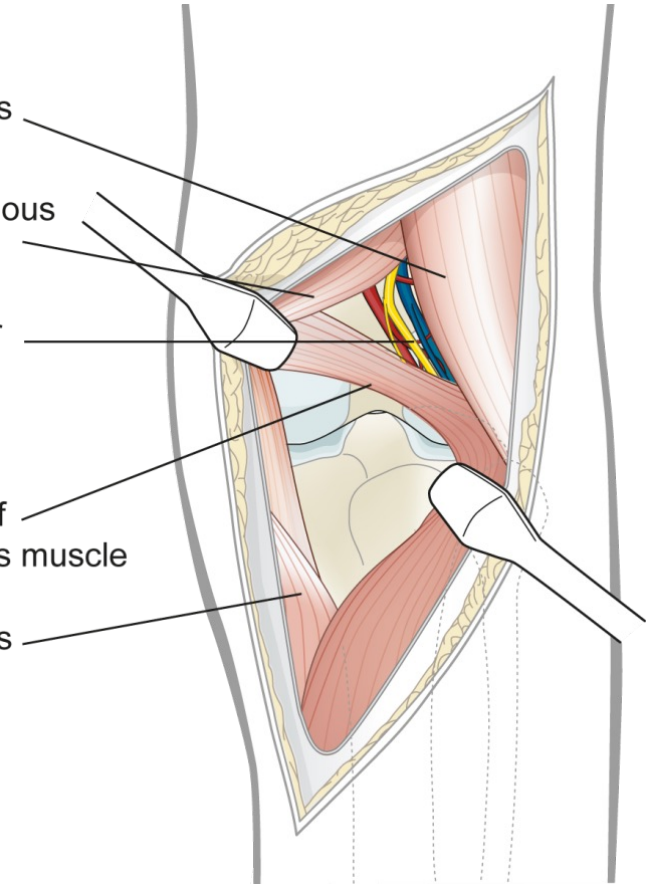
Femoral biceps
muscle

Semimembranous
muscle

Neurovascular
bundle

Medial head of
Gastronemicus muscle

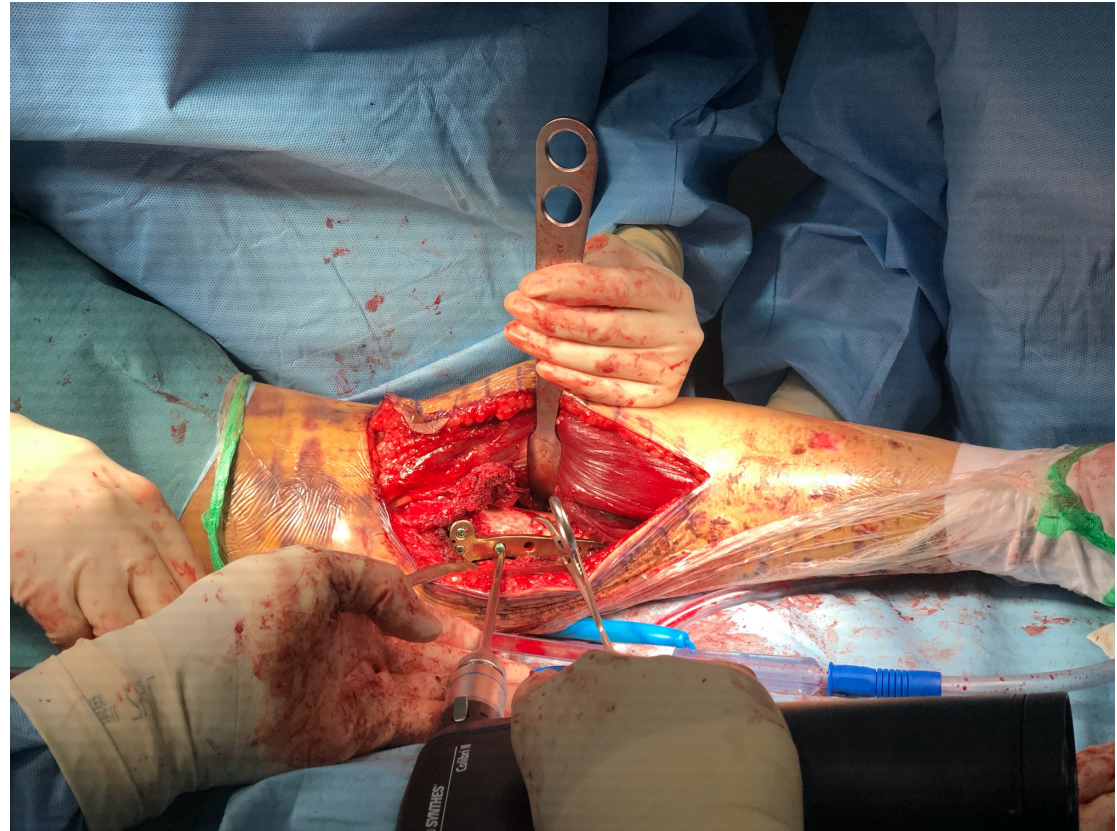
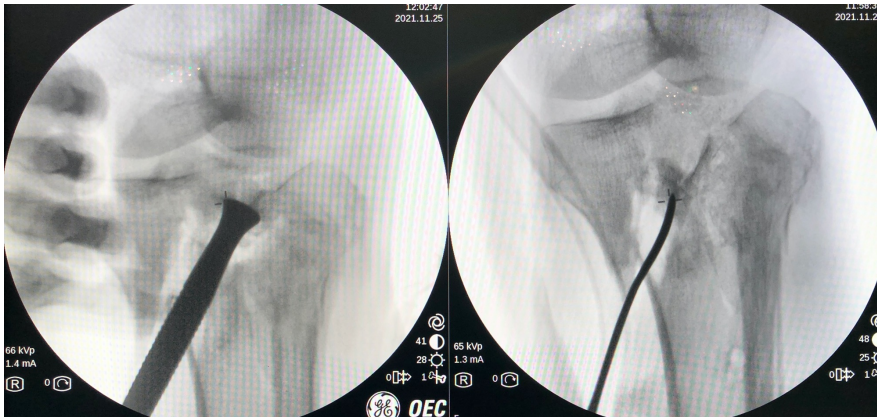
Pes anserinus



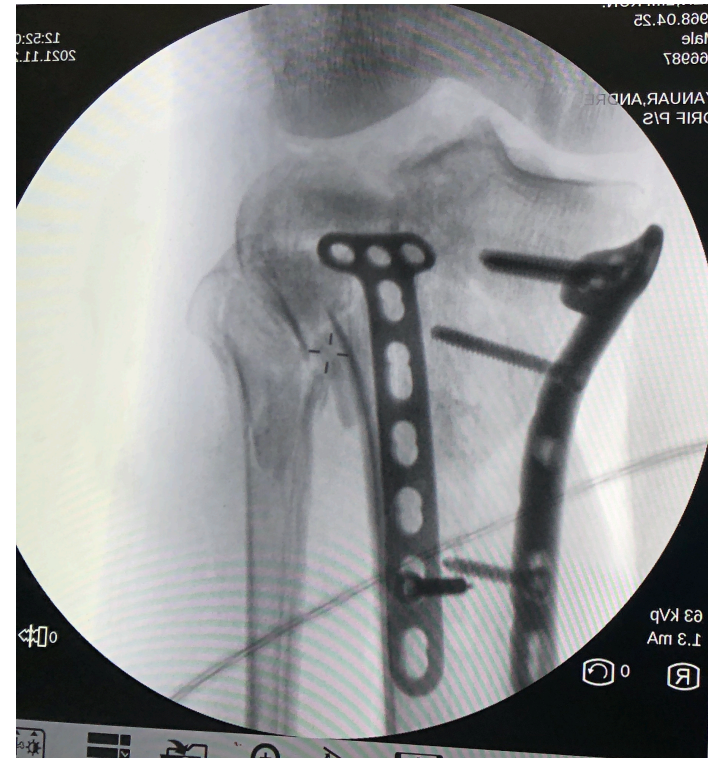
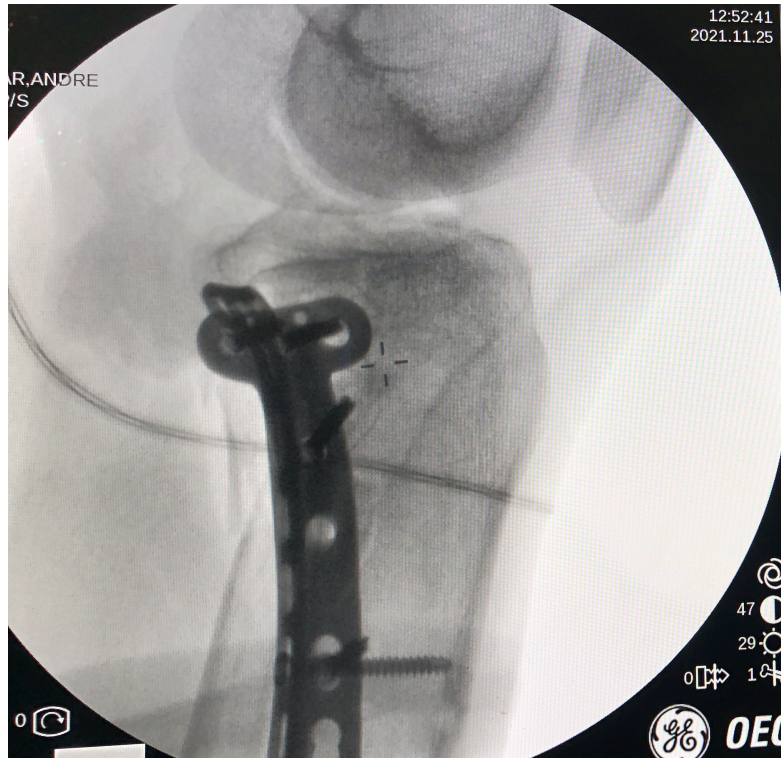
References:

Luo CF, Sun H, Zhang B et al. Three-column fixation for complex tibial plateau fractures. *J Orthop Trauma*. 2010 Nov;24(11):683–692. doi: 10.1097/BOT.0b013e3181d436f3

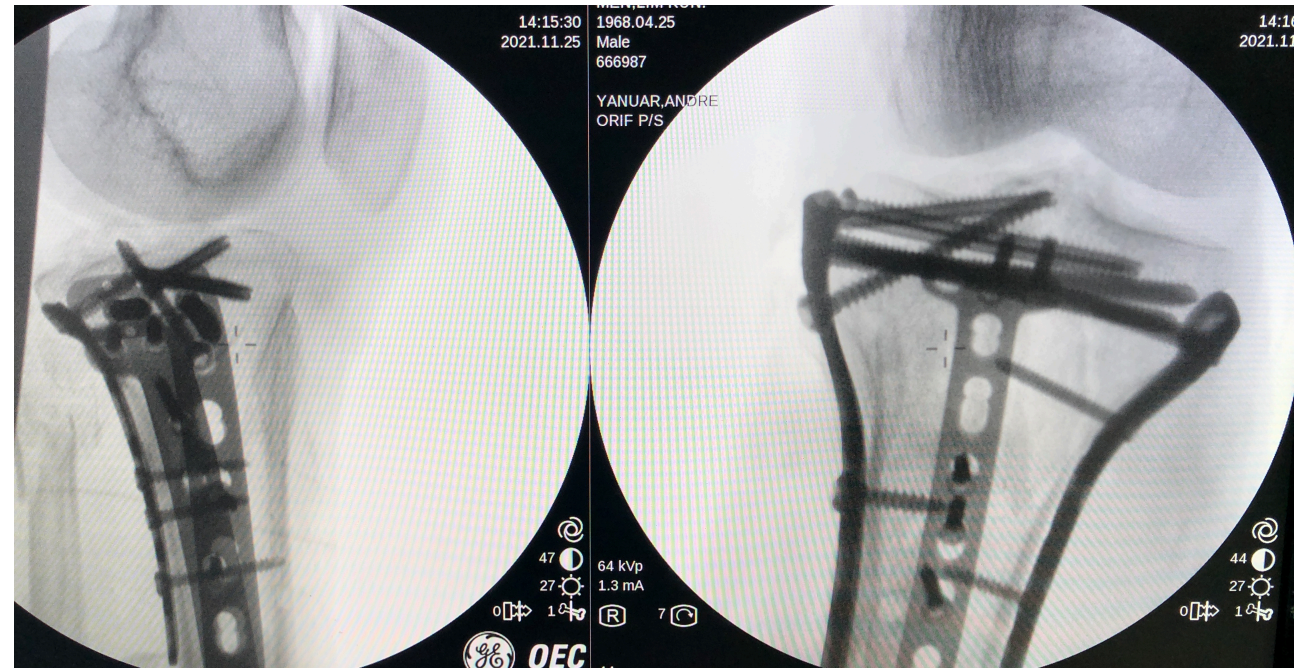
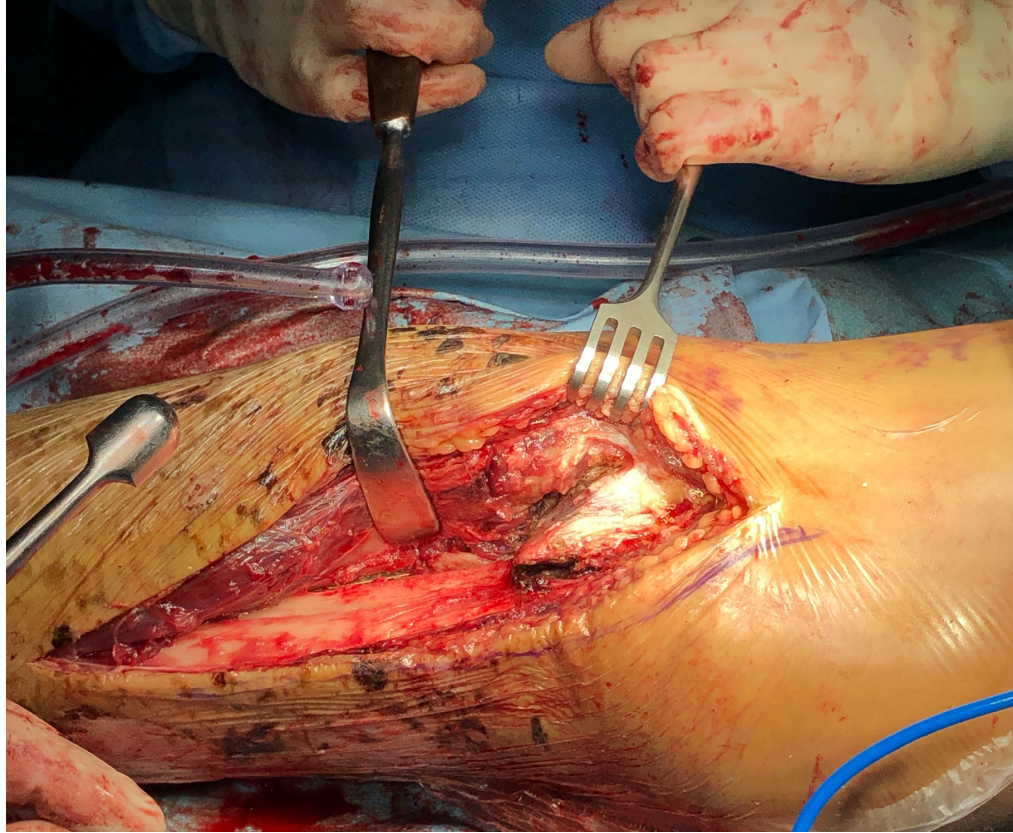
- Find the key fragment and fix with buttress plating.
- Reduce the depressed articular surface



Supporting implant



Anterolateral stabilization



34 days after op



56 days post op



103days post op



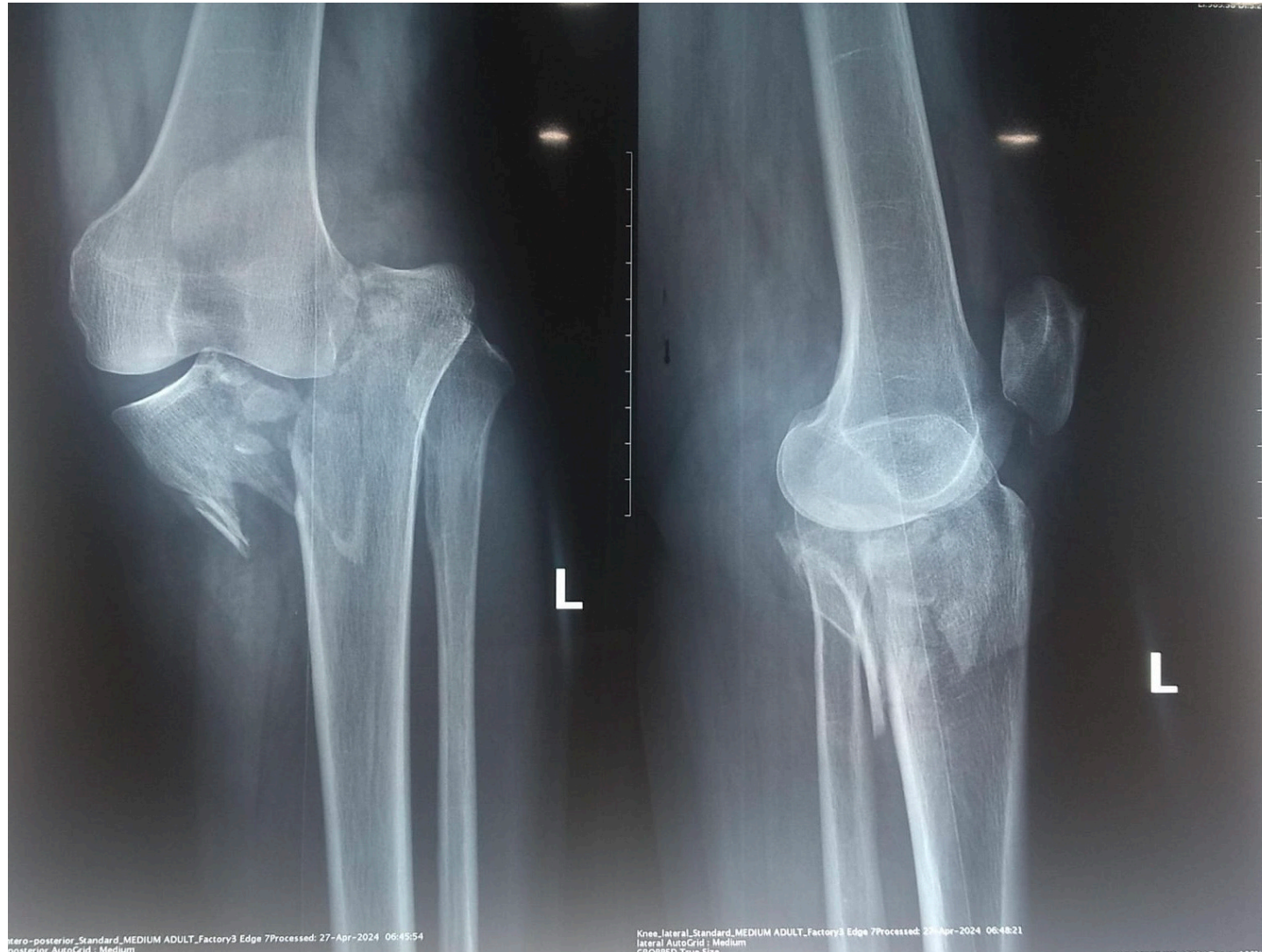
103 days post op



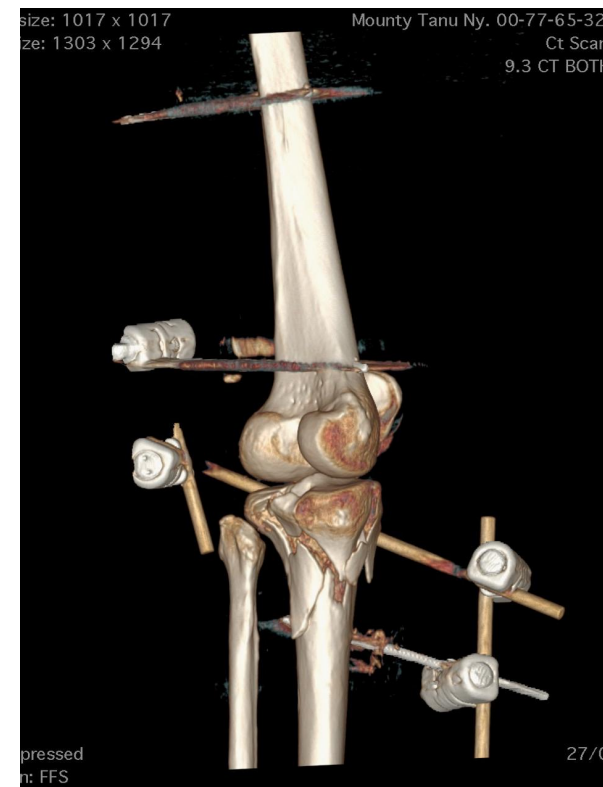
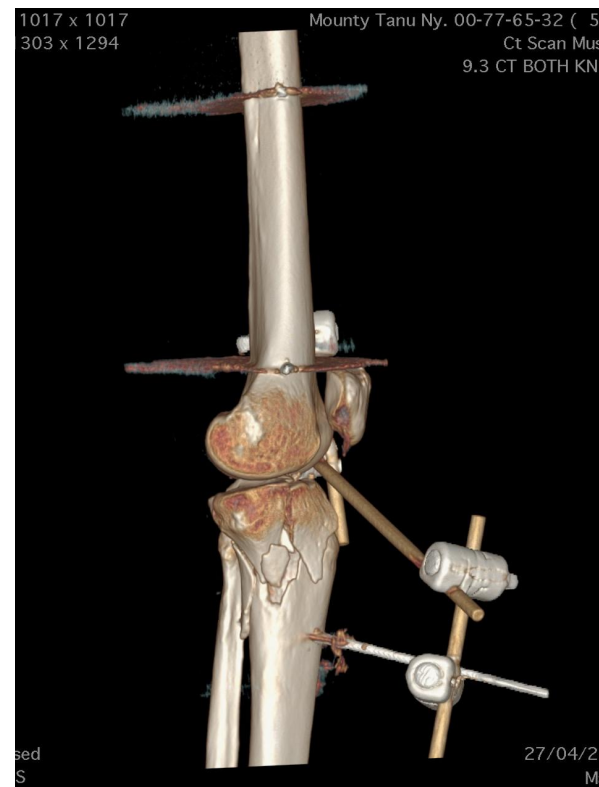
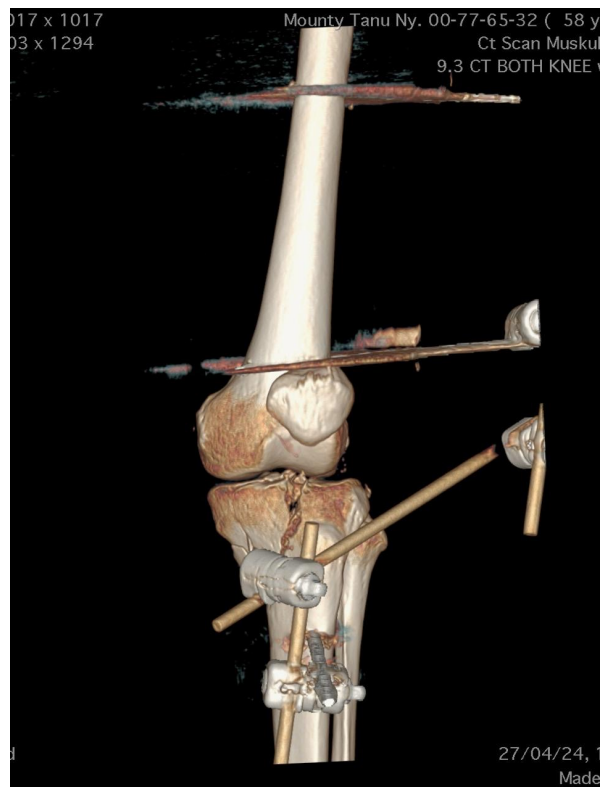
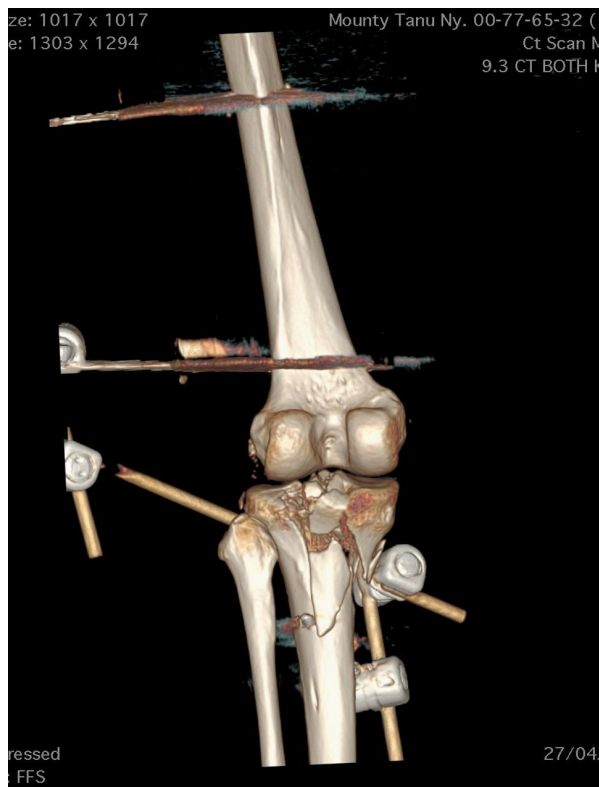
103 days post op



F, 58 y.o, MVA



CT Scan



CT Scan

