

# Tibial Plateau Fractures: Strategies for Successful Fixation

David Shearer, MD, MPH

Associate Professor

Dept. of Orthopaedic Surgery

University of California, San Francisco

# General strategy

- Identify major fragments and articular depressions
- Exposure directed to fracture apices
- Reduce and apply buttress, work distal to proximal, medial to lateral
- Elevate and raft articular depressions

# Case

36yo F crashed  
motor scooter

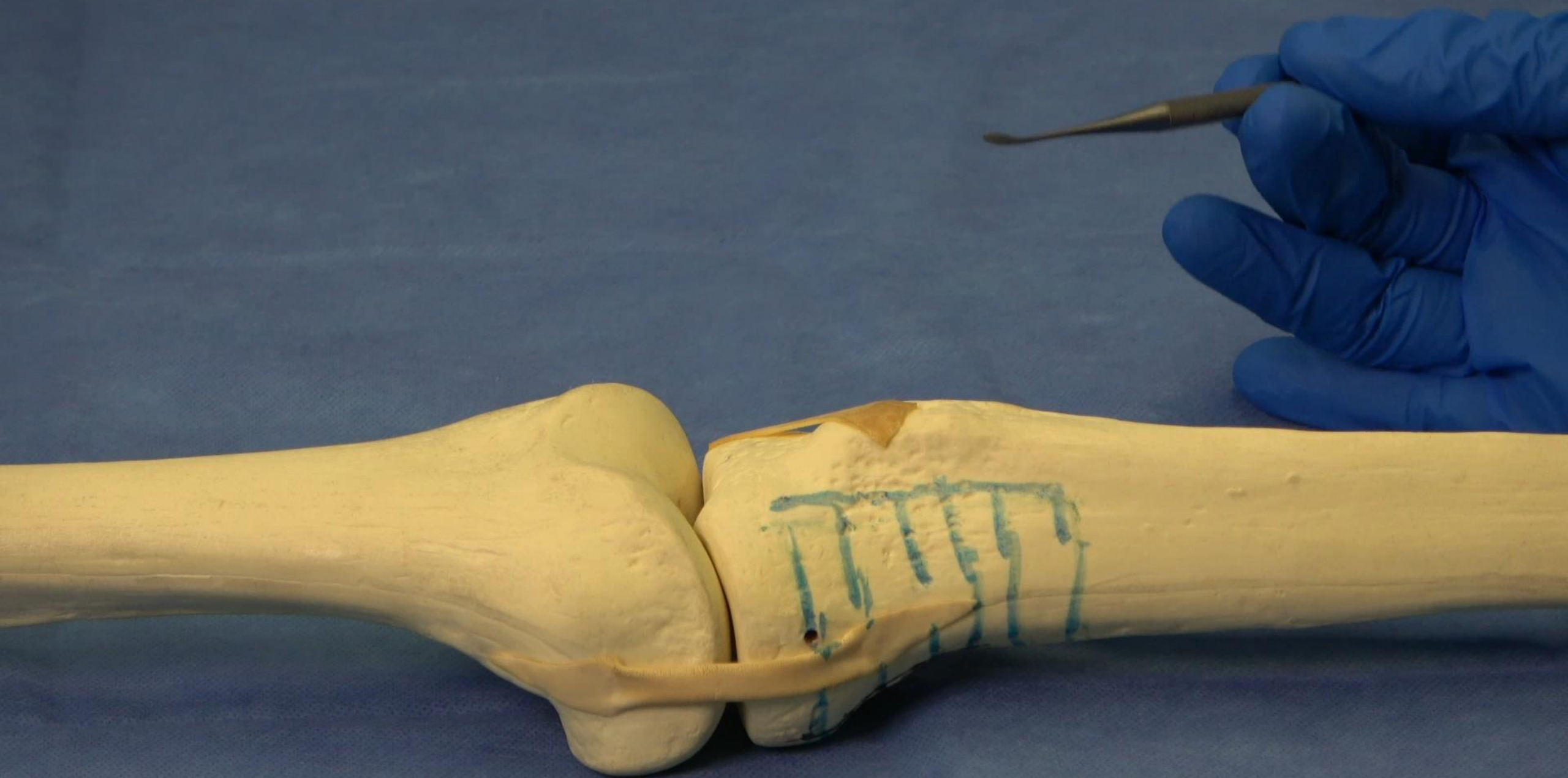


# OR day after injury for external fixation











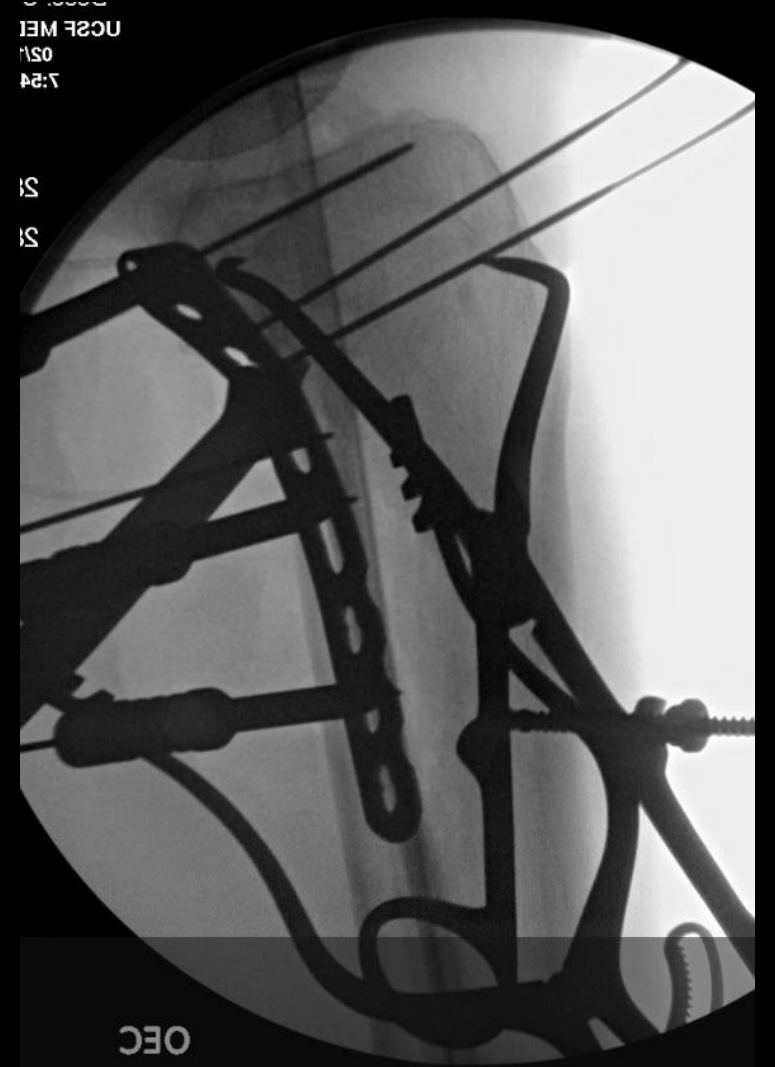
# OR for definitive ORIF 10 days post-injury



OE



OEC



OEC

1:24  
05/11  
UCSF MEI  
R0001.0

SI  
SI















Immediate postop



18 months postop





# Thank you!

- Credit:
  - Saam Morshed
  - Matt Herring
  - Musa Zaid
  - Zac Lim