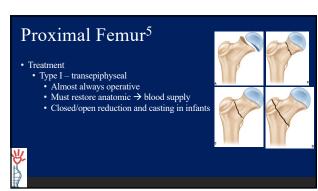
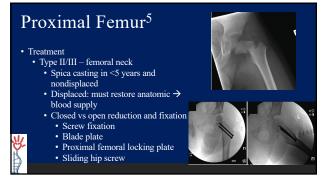
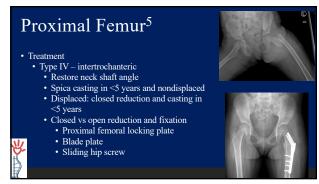


Proximal Femur⁵ • High energy • Look for pathologic fracture • Delbet's Classification • Type I – transepiphyseal • Type II – femoral neck • Type III – basicervical • Type IV - intertrochanteric











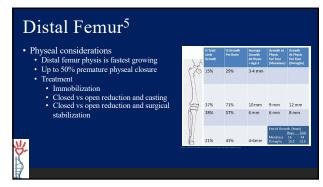


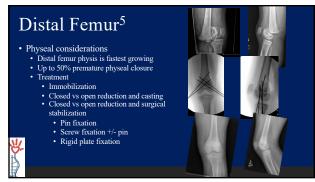






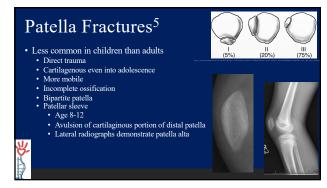
















Tibial Tubercle Fracture⁵

- Extension of proximal tibial epiphysis
- Secondary ossification center
 Insertion of the patellar tendon
- Fracture of adolescence
- Complications
 - Vascualar injury



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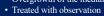
Proximal Tibia⁵

- Proximal tibia metaphysis
 Trampoline fracture
 Common between ages 2-8
 Closed reduction and casting
 Closed vs open reduction and fixation with irreducible deformity



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Proximal Tibia⁵

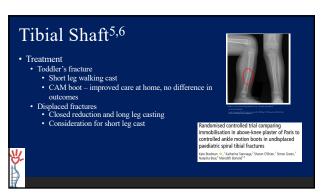
- Complications
 - Cozen's phenomenon

 - Progressive valgus deformity
 Overgrowth of the medial tibial physis
 Treated with observation

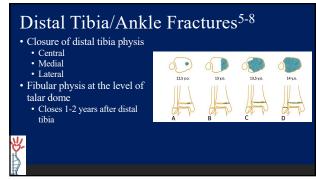


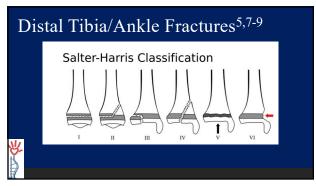


Tibial Shaft⁵ • 4-5% of all pediatric fractures • Fracture pattern • Nondisplaced • Oblique or spiral • Transverse or comminuted displaced • Remodeling potential is low • Acceptable alignment • 3-12 years of age • 10 degrees varus/valgus • 10 degrees procurvatum/recurvatum







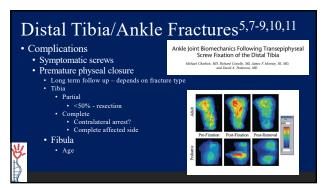












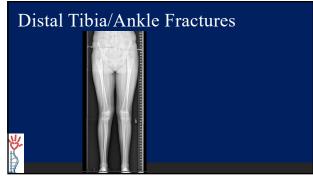
















Forefoot Fractures⁵

- Common: 5-7% of pediatric fractures
 Young children 1st metatarsal
 Adolescents 5th metatarsal

 To a common series of the ser

- Treatment
 - Nondisplaced CAM boot or walking cast
 - Displaced age + amount of displacement





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Forefoot Fractures⁵

- Phalangeal
- Assess for open fracture (nailbed injury)
 Clinical deformity or intra articular displacement
 Closed reduction and pinning or screw fixation
 Nondisplaced or minimally displaced
 Buddy tape and postop shoe
 CAM boot for younger children or pain control



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