

Hip Fractures

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Extremities in the Carolinas – Trauma for General Orthopedics
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Objectives

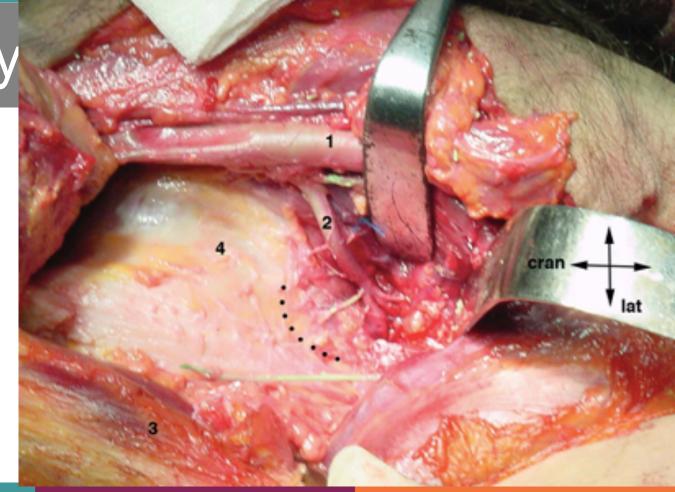
- Name the blood supply to the femoral head
- 2. Differentiate intracapsular from extracapsular fractures
- 3. Plan treatment for intracapsular fractures by considering displacement
- 4. Plan treatment for extracapsular fractures by considering stability







Anatomy

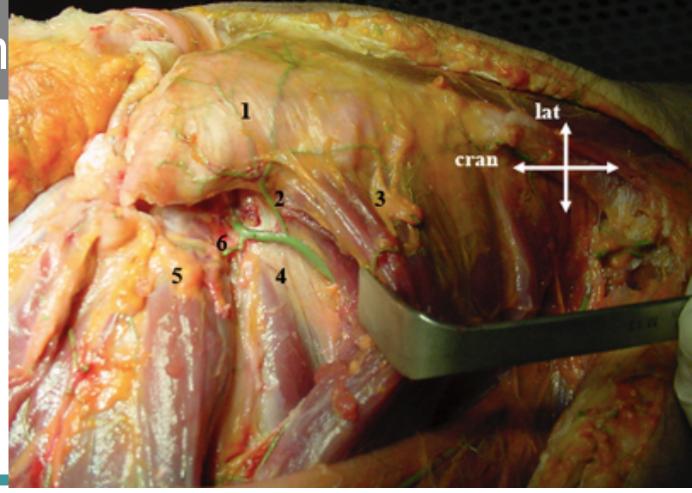








Anatom









Hip Fracture

Intracapsular

Extracapsular







Hip Fracture

Intracapsular

Extracapsular

Displaced

Nondisplaced







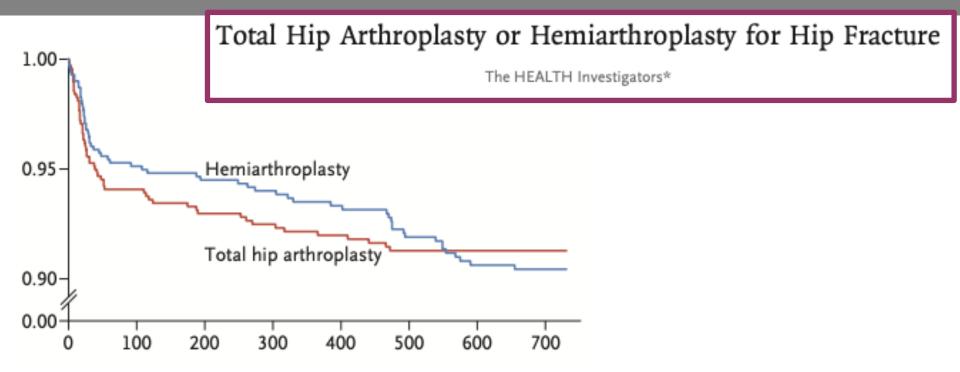
XR

Arthroplasty picture













Cemented vs Press fit femoral component Norwegian paper







Is Cemented or Cementless Femoral Stem Fixation More Durable in Patients Older Than 75 Years of Age? A Comparison of the Best-performing Stems

- Australian Joint Registry
- Best 3 cemented no different from best 3 press fit after 3 months







- XR
- Reding a lateral XR







- Reoperation 20% vs 22%
- Functional outcome no difference
- Smokers, basicervical and vertical fracture patters better with sliding hip screw







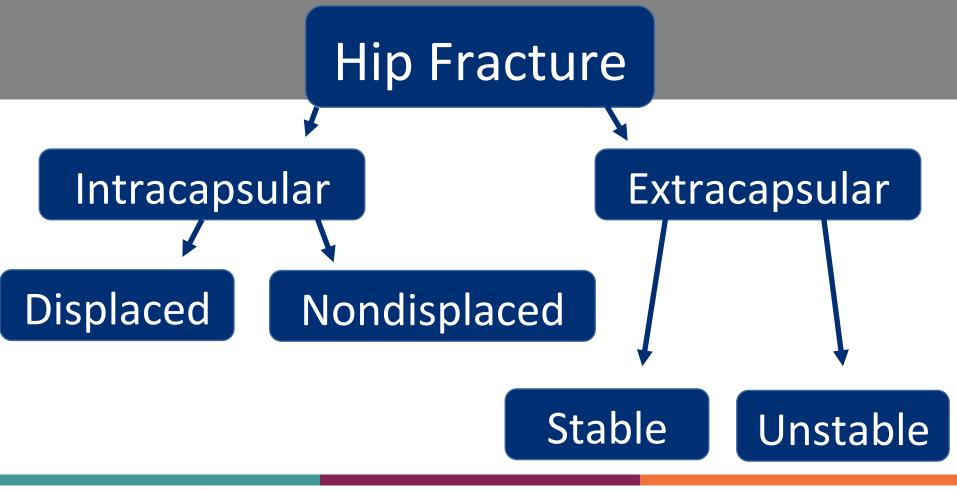
Screw Fixation Versus Hemiarthroplasty for Nondisplaced Femoral Neck Fractures in Elderly Patients

A Multicenter Randomized Controlled Trial

- No difference in functional outcome
- Hemiarthroplasty better for mobility and Quality of life
- Reoperation 20% vs 5%











Extracapsular

- Stability
 - Lateral Wall
 - Posteromedial calcar
 - Reverse obliquity
 - Subtrochanteric







Extracapsular - Stable

Sliding Hip screw vs Sliding hip nail







Extracapsular - Unstable

Reduction!







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