Accessory Reduction Techniques for Peri-articular Fractures (Tips & Tricks)

Samir Mehta, MD
University of Pennsylvania
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So proud …

Recruit patients

Encourage referrals

Ironic …
Smaller is Better!
Intra-op
Intra-Op: Reduction Tool
Intra-Op
Intra-Op
HSMVC - Ex-Fix
Application of Surface Implants
OIF

- 69 yo Firefighter
- Plan
  - Cut it off?
  - Distractor
  - Fix Fibula
  - Reduce pilon
  - Pray
GB: 47 yo m, ETOH, stairs vs arm
Minifragment screws
Lag by technique
2.7 mm
2.4 mm
2.4 mm T-Plate
Cut short
Locking screws proximally
DC: 32 yo m, bipolar, ? mech, open
DC: 32 yo m, bipolar, ? mech, open
2.7 mm Tine Plate
Cut short
Flexible
2.7 mm Tine Plate
Cut short
Flexible

Fibula short
Syndesmosis injury
2.7 mm Strength Plate
2.7mm 46 and 52 mm screws
CW: 26 yo f, MVC, foot pain
2.4 mm 8-hole Strength Plate
2.4 mm 8-hole Strength Plate
2.4 mm 6-hole Strength Plate
2.7 mm screws
Percutaneous Osteoplasty

Hahnhaussen et al, Orthopaedics 2012
Percutaneous Osteoplasty

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Percutaneous Osteoplasty
Skiing in the Alps
Fall, Knee Pain
Unstable Hip
To Fix or Not to Fix?
Type C Pilon Fx
Short Segment Fixation
Type B with Stable Posterior Block
Final Product
Accessory Articular Reduction

1. Get it Right
2. Stable, Rigid Fixation
3. Direct Visualization
4. Distratction
5. Make it Easier for Yourself
6. Think Small