Efficient Hip Pinning Technique

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Intramedullary Nailing of Humeral Shaft Fractures

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Goals of Discussion
- Current Literature Recommendations
- My Indications for IM Nailing
- Technique Review
- Case Examples

ADVANTAGES of NAILING
- Closed Insertion Technique
- Preservation of Periosteal Blood Supply
- Load-Sharing Mechanical Device

IM Nailing
Union rate 87% - 97%
Shoulder pain 3% to 20%
Loss of shoulder motion
IM Nailing Indications

- Open Fractures
- Polytrauma patients
- Long segmental fractures
- Nonunions
- Osteoporotic fractures
- Obese patients

Surgical Technique

Case Examples