

A Complete Intro to Bone Plating February 16-18, 2023 Online Pre-Course Assignments

Video demonstrations

- Surgeon Scrubbing
- Surgeon Gowning
- Patient Preparation
- Orthopedic Patient Draping (include proximal humeral graft harvest site)

Lecture Modules

- How to Describe a Fracture & Why it Matters (20 minutes)
- How Bones Heal (20m)
- Fracture Assessment Step 1: Classify the fracture: Direct reduction & Absolute stability for reducible fx's [compression plating = ideal load-share; neutralization = partial loadshare] vs. Indirect reduction & relative stability for non-reducible fractures [non-loadshare = bride plating]. (20 minutes)
- Fracture Assessment Step 2: Fracture Case Assessment Score-FCAS (20 minutes)
- Screws: Design Cortical vs. Cancellous; Use/Technique Positional vs. Lag vs. Plate (20 minutes)
- Functional Methods of Bone Plating: Compression vs. Neutralization vs. Bridge Plating (20 minutes)
- How to Contour a Bone Plate (20 minutes)
- Conventional vs. Locking Plates: Friction vs. fixed angle construct; Lag before you lock on combo fixation (20 minutes)
- Methods of Interfragmentary Compression: Cerclage wire or Lag screw fixation comment on impact of bone shape (20 minutes)
- Autogenous Cancellous Bone Grafting: When & How (20 minutes)
- Postoperative Radiographic Assessment: The 4A's (20 minutes)
- Strategies to reduce Orthopedic SSI's (20 minutes)