Adult Orthopedic Patients Undergoing an Operative Procedure

Excluded Patients
- Open fracture
- Known nickel allergy
- Active infection (any site)
- Foot surgery (any site)
- Hand surgery (including carpal surgery)
- Arthroscopic procedures

Included Patients
- Adult patients (>18 years old)
- All open orthopaedic procedures
- Largest wound >2cm in length

Missed Patients
Eligible Patients Not Randomized

Intraoperative Randomization

Skin Closure with Sutures
Method (Subcuticular or Interrupted) and Material at Surgeon Discretion

Skin Closure with Surgical Staples

Review of all suspected complications by blinded, independent committee.
Cases Determined by Self-reported occurrence of complication.