

Orthopedic Antibiotic Protocols

Per Orthopedic Consensus Conference

Closed Fractures

Antibiotics:

Closed fractures:

Ancef 1 gram IV q8h x 24h (3 doses post-op)

Closed fractures (*Penicillin allergic*):

Clindamycin 900 mg IV q6h x 24h (4 doses post-op)

Closed fractures PELVIS:

Vancomycin per Wiz dosing advisor x 48h

Gentamicin 4 mg/kg IV q24h x 48h (2 doses post-op)

Open Fractures

Initial management:

Sterile dressing with normal saline-soaked gauze (no Betadine)

Pulse-evacuation of gross contamination at discretion of the ORTHO attending

Antibiotics:

PRE-Debridement:

Ancef 1 gram IV q8h

Gentamicin 4 mg/kg IV q24h

POST-OP:

Ancef 1 gram IV q8h x 24h (3 doses)

Gentamicin 4 mg/kg IV q24h x 1 dose

“SICK” OPEN:

Continue antibiotics until closed

All will be closed within 72 hours

GROSS CONTAMINATION:

Add Penicillin G 2 million units q4h until 48h post-closure