

	Orthopedics - Antibiotics
1888	MH IP ORTHO TRAUMA ADMISSION

ASP Recommendation:

- **Grade I & 2 Open Fracture: Continue antibiotics for 24 hours after wound closure**
 - Preferred
 - Cefazolin weight based dosing 2 g IV Q8H OR 3 g IV Q8H for >120 kg x 3 doses [For IT: default if preferred selected]
 - Organic contamination is present (i.e., farm matter) [For IT: +/- NOT linked]
 - Metronidazole 500 mg IV Q8H x 3 doses
 - Alternative for Beta-Lactam Allergy (e.g., Anaphylaxis)
 - Clindamycin 900 mg IV Q8H x 3 doses
- **Grade III Open Fracture (i.e., wound >10 cm, high level of contamination, severe soft tissue crush injury, or severe loss of coverage, comminuted fracture, segmental fracture or poor bone coverage): Continue antibiotics for 72 hours subsequent to injury or not >24 hours after soft tissue coverage is achieved.**
 - NO gross contamination
 - Preferred
 - Ceftriaxone 2000 mg IV Q24H
 - Alternative for Beta-Lactam Allergy (e.g., Anaphylaxis)
 - Clindamycin 900 mg IV Q8H
 - Gentamicin 5 mg/kg IV Q24H (adjustedBW)
 - Linked pharmacy consult
 - Contamination with soil or fecal material:
 - Preferred
 - Ceftriaxone 2000 mg IV Q24H
 - Metronidazole 500 mg IV Q8H
 - Alternative for Beta-Lactam Allergy (e.g., Anaphylaxis)
 - Levofloxacin 750 mg IV Q24H
 - Metronidazole 500 mg IV Q8H