ANTIBIOTIC MEDICATIONS (REFERENCE)



ERTAPENEM

Carbapenem, beta-lactam antibiotic

Used by Combat Medics (CM)

Recommended for all open combat wounds if unable to take PO meds.

DOSAGE(S):

1 g IV/IO/IM daily

ROUTE(S):

IV, IO, IM

CONTRAINDICATIONS:

Hypersensitivity to carbapenem, beta-lactam, or amide-type local anesthetics (i.e., lidocaine), considered relatively safe in pregnancy, if clinically indicated

POTENTIAL SIDE EFFECTS:

Injection site phlebitis or thrombosis, asthenia, fatigue, death, fever, leg pain, anxiety, altered mental status, dizziness, headache, insomnia, chest pain, hypo- or hypertension, tachycardia, edema, abdominal pain, diarrhea, acid reflux, constipation, dyspepsia, nausea, vomiting, increased LFTs, cough, dyspnea, pharyngitis, rales, rhonchi, respiratory distress, erythema, pruritus, rash

DRUG
INTERACTIONS:

Probenecid decreases renal excretion

ONSET/PEAK/DURATION: 30 sec-5 min/30 min-2 hr/24 hr

<u>TACTICAL CONSIDERATIONS:</u> For IV reconstitute with 10 ml NS; for IM 3.2 ml 1.0% lidocaine without epinephrine. Minimal to no mission impact. Can increase seizure risk after penetrating TBI, use if CNS-penetrating antibiotic not available, may not penetrate intact blood-brain barrier. When transitioning from Ertapenem to Moxifloxacin, begin Moxifloxacin immediately after final Ertapenem dose for antibiotic overlap.

