16SS – CEFAZOLIN (ANCEF)

Adult & Pediatric

PARAMEDIC

Class: Antibiotic, Cephalosporin (First Generation)

Actions/Pharmacodynamics: Inhibits bacterial cell wall synthesis, leading to bacterial death.

Indications: **Open long bone fractures included in:**
Extremity/Amputation Injury (10G)
Crush Injury Syndrome (10K)

Contraindications: Immediate hypersensitivity (eg, anaphylaxis, serious skin reactions) to cefazolin. The safety of cefazolin even in patients with allergy to penicillin or other cephalosporins is well established. As an added safety measure, though, withhold cefazolin in patient's that describe an anaphylactic response to cefazolin, other cephalosporin antibiotics, or penicillin antibiotics. If in doubt, consult on-line OMD for administration determination.

Pharmacokinetics: Time to peak, serum with IV doing: within 5 minutes

Side Effects: Hypotension, syncope, pruritis, skin rash, abdominal cramps, pain at injection site, anaphylaxis

Dosage: **Extremity/Amputation Injury (10G)**
Crush Injury Syndrome (10K)

Pediatric: 20mg/kg to a maximum of 1gram IVPB over 10 minutes

Adult: Less than 80 kg: 1 gram IVPB over 10 minutes
80 kg or greater: 2 grams IVPB over 10 minutes

How Supplied: 1 gram vials for reconstitution **or** 1 gram pre-mixed IVPB infusion bags

Special Comment:

Pediatric: Reconstitute 1 gram in vial with 2mL NS then add 0.1mL/kg to a 100mL bag of NS. Ensure that the bag is appropriately labeled showing that it contains Cefazolin. Using a 10gtt/mL drip set run the fluids at 100gtt/min until infusion is complete.

Adult: Reconstitute 1 or 2 grams (depending upon estimated weight) in vial(s) with 2mL NS per gram then add to a 100mL bag of NS. Ensure that the bag is appropriately labeled showing that it contains Cefazolin. Using a 10gtt/mL drip set run the fluids at 100gtt/min until infusion is complete.