



Cefazolin (Ancef) for Compound Fractures

- Protocol -

Level: Advanced, Intermediate/Paramedic

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Indication: Patient has a fracture in which there is an open wound or break in the skin near the site of the broken bone

Contraindications:

- Known hypersensitivity/allergy to Cefazolin
- History of anaphylaxis to penicillin (mild rash in response to penicillin is not a contraindication)
- Known allergy to the cephalosporin group of antibiotics

Requirements:

- Patient is >17 years of age

Intervention:

Reconstitute each gram with 2.5mL sterile water (supplied)

- Patient \geq 80kg (175lb): 2 grams IM, prefer anterolateral thigh, split into two separate IM injections, 2.5mL per site.
- Patient \leq 80kg (175lb): 1 grams IM, prefer anterolateral thigh

For Intermediate/Paramedic only:

If long transport time, IV access already established, etc.

- Same dosages as above
- Add appropriate dose of Cefazolin to 100mL bag of normal saline. Administer as a secondary infusion (rate: to gravity)

Side Effects:

- Diarrhea
- Pain at injection site.

Administration Notes:

- Cefazolin is often supplied with 10mL of sterile water in the TJEMS drug boxes. If giving IM, do not use entire vial.