

ACTIVE LEARNING TEMPLATE: *Medication*

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MEDICATION Ceftriaxone REVIEW MODULE CHAPTER _____

CATEGORY CLASS anti-infectives

PURPOSE OF MEDICATION

Expected Pharmacological Action

Bactericidal action against susceptible bacteria.

Therapeutic Use

Binds to the bacterial cell wall membrane, causing cell death.

Complications

rash, CDAD, pancreatitis, acute renal failure, bleeding, pain at site, seizures, hypersensitivity reactions

Medication Administration

1-2 g every 12-24hr

available in powder and premixed infusions

Contraindications/Precautions

use cautiously in combined severe hepatic and renal impairment. history of GI disease especially in colitis

Nursing Interventions

assess for infection
obtain specimens and cultures
monitor bowel function

Interactions

should not be given with any calcium-containing solutions that may increase risk of bleeding

Client Education

report signs of superinfection
notify if fever or diarrhea develop

Evaluation of Medication Effectiveness

eliminate bacteria and infection

Compatibility

acetaminophen, amphotericin B lipid complex, digoxin, fentanyl, oxytocin, heparin, doxycycline, enalaprilat, ephedrine, epinephrine, furosemide

Amount

Rate of Administration

Diluent

Site, supplies, storage, stability