

ACTIVE LEARNING TEMPLATE: *Medication*

STUDENT NAME Lizzy Masci

MEDICATION ceftriaxone (IVPB) REVIEW MODULE CHAPTER _____

CATEGORY CLASS antibiotic

PURPOSE OF MEDICATION

Expected Pharmacological Action

binds to bacterial cell membranes, inhibits cell wall synthesis

Therapeutic Use

bactericidal

Complications

mild abdominal pain, vaginal candidiasis, mild diarrhea, nausea, serum sickness, thrombophlebitis
toxic reactions: antibiotic associated colitis, other super infections

Medication Administration

add 2.4mL sterile water for injection of each 250mg to provide concentration of 100mg/mL
may further dilute with 50-100 mL NS and D5W

Contraindications/Precautions

history of hypersensitivity, do not administer with calcium-containing infusions, hepatic impairment, history of GI disease, history of penicillin allergy

Nursing Interventions

allergy history (especially with penicillin)
baseline assessments of CBC and renal function tests

Interactions

probenecid, calcium salts, may increase serum BUN, alkaline phosphatase, bilirubin, creatinine

Client Education

aware to watch for fever, N/V and toxic reactions require the provider to be notified
complete med therapy for full length of treatment.

Evaluation of Medication Effectiveness

infection clears

Compatibility

NS, D5W

Amount

1-2g q12-24hr

Rate of Administration

30 min

Diluent

2.4mL of sterile water for injection to each 250mg to provide concentration of 100mg/mL

Site, supplies, storage, stability

stored in med rx room stable for 2 days at room temp, 10 days if refrigerated, color should be light yellow