

Medication

STUDENT NAME Lillian MaslauskasMEDICATION Acetaminophen (PO) (Tylenol)

REVIEW MODULE CHAPTER _____

CATEGORY CLASS Central analgesic, antipyretic

PURPOSE OF MEDICATION

Expected Pharmacological Action

Inhibits synthesis of prostaglandins that serve as mediators of pain and fever, in CNS

Therapeutic Use

Temporary reduction of fever

Complications

HTN, rash, renal failure, hypokalemia, N/V, HA, fatigue

Medication Administration

PO: 650 mg q4hr PRN

Contraindications/Precautions

Hypersensitivity, severe hepatic impairment or acute liver disease

ALT, bilirubin and prothrombin levels

Nursing Interventions

- Pain and fever monitor
- Admin. w/ full glass of H₂O
- Hepatic level monitoring (LFT)
- Check temp before and after admin. med.

Interactions

Alcohol, hepatotoxic med (phenytoin), CYP3A4 inducers

Client Education

- Take exactly as directed
- Avoid alcohol
- Take w/ H₂O
- Avoid NSAIDs for a few days
- Diabetic pt → alter glucose
- Seek medical care if temp 39.5°C (103)

Evaluation of Medication Effectiveness

↓ in fever
NO fever or pain

ACTIVE LEARNING TEMPLATE: **Medication**

STUDENT NAME LILIAN MARCUSKAS

MEDICATION Ceftriaxone

REVIEW MODULE CHAPTER _____

CATEGORY CLASS Antibiotic - 3rd gen. Cephalosporins

PURPOSE OF MEDICATION

Expected Pharmacological Action

Binds to bacterial cell wall membrane, causing cell death
Bactericidal action against susceptible bacteria

Therapeutic Use

Bactericidal
TX of susceptible infection

Complications

Abd cramping, NIV (occurs after 2nd tx dose), rash, pain, erythema, joint pain, fever

Medication Administration

INPB: 1g/50mL, 2g/50mL

Contraindications/Precautions

Hypersensitivity, anaphylaxis
Hepatic impairment, Hx of GI disease (ulcerative colitis), Penicillin allergy

Nursing Interventions

- obtain CBC, Renal function test, allergy Hx
- Oral cavity for white patches
- Bowel activity
- I & O

Interactions

Prob enecid, calcium salts
↑ BUN, alkaline, phosphate, bilirubin, creatinine lab values

Client Education

- continue antibiotic tx for full length
- Report any signs of overgrowth on tongue
- Any diarrhea contains blood

Evaluation of Medication Effectiveness

↓ S/S of infection
NO longer have infection

Compatibility

Amphotericin B, pepcid, lactated ringer injection,
Vancomycin, morphine, propofol

Amount

1g/50mL

Q12 - over 30-60min

Rate of Administration

IV push: 1-4min, max 40mg/mL

IVPB: 30min

Diluent

2.4 mL NS of 100mg/mL.

can further dilute w/ 50-100 mL 0.9% NaCl, D5W

Site, supplies, storage, stability

IVPB: 2 days @ room temp, 10 days refrigerate
*discard if precipitate forms