

ACTIVE LEARNING TEMPLATE: Medication

STUDENT NAME Karina Gomez

MEDICATION Ceftriaxone

REVIEW MODULE CHAPTER _____

CATEGORY CLASS Anti-infectives

PURPOSE OF MEDICATION

Expected Pharmacological Action

Binds to bacterial cell wall membrane, causing cell death

Therapeutic Use

bactericidal action against susceptible bacteria

Complications

rash, urticaria, diarrhea
phlebitis at IV site
hypersensitivity reactions (including anaphylaxis)

Medication Administration

1-2g every 12-24hr

Contraindications/Precautions

Contraindicated in: hypersensitivity to cephalosporins; hypersensitivity to penicillins
Precautions - combined severe hepatic/renal impairment ↑ risk neurological adverse reactions

Nursing Interventions

Assess for infection
observe signs + symptoms of anaphylaxis
monitor bowel functions

Interactions

Should not be administered concomitantly with any calcium-containing solutions.
may increase risk of bleeding w/ warfarin

Client Education

Advise patient to report signs of superinfection
instruct patient to notify health care professional if fever and diarrhea develop

Evaluation of Medication Effectiveness

Resolution of the signs and symptoms of infection. Length of time for complete resolution depends on the organism and site of infection.

decreased incidence of infection when used for prophylaxis

ACTIVE LEARNING TEMPLATE: **Medication**

STUDENT NAME Karinci

MEDICATION tylenol / acetaminophen

REVIEW MODULE CHAPTER _____

CATEGORY CLASS nonopioid analgesics

PURPOSE OF MEDICATION

Expected Pharmacological Action

inhibits synthesis of prostaglandins that may serve as mediators of pain and fever, primarily in the CNS. Has no significant anti-inflammatory properties or GI toxicity.

Therapeutic Use

analgesia
pain relief
antipyresis
fever reduction

Complications adverse reactions / side effects

hypertension, hypotension renal failure
hypokalemia nausea vomiting fatigue/headache

Medication Administration

325-650 every 6hr
or 1g every 3-4

Contraindications/Precautions

~~Chronic high dose acetaminophen~~
~~may increase bleeding w/ warfarin~~
Contraindicated in previous hypersensitivity
use caution only in hepatic/renal disease, alcoholism

Nursing Interventions

assess overall health status and alcohol usage
assess for rash periodically
Pain: assess type, location & intensity prior to 30-60 min
assess fever

Interactions

~~chronic high dose acetaminophen~~
Chronic high dose acetaminophen may increase bleeding w/ warfarin

Client Education

advise patient to avoid alcohol
advise pt to discontinue acetaminophen if rash occurs
take med exactly as directed.

Evaluation of Medication Effectiveness

relief of mild to moderate pain
reduction of fever