

ACTIVE LEARNING TEMPLATE: *Medication*

STUDENT NAME Chase Norton _____

MEDICATION Acetaminophen _____ REVIEW MODULE CHAPTER _____

CATEGORY CLASS Nonsalicylate, Para-aminophenol derivative, Antipyretic, Nonopioid analgesic _____

PURPOSE OF MEDICATION

Expected Pharmacological Action

Inhibits the enzyme cyclooxygenase, blocking prostaglandin production and interfering with pain impulse generation in the peripheral nervous system. Also acts directly on temperature-regulating center in the hypothalamus by inhibiting synthesis of prostaglandin.

Therapeutic Use

To relieve mild to moderate pain; to relieve fever.

Complications

Hypotension, anxiety, hypertension, abdominal pain, constipation, muscle spasms, dyspnea, pleural effusion, Wheezing, Rash, Hypersensitivity reactions.

Medication Administration

- 325 mg tab PO
- Swallowed whole.
- Do not crush or split.
- Onset: 30-45 mins, peak 30-60 mins duration 4-6 hr

Contraindications/Precautions

Hypersensitivity to acetaminophen or its components, severe active liver disease or impairment. Avoid exceeding recommended dosage, avoid alcohol. Avoid use of drugs with acetaminophen in them.

Nursing Interventions

- Assess patients' pain / fever before giving drug.
- Keep track of how much the patient has taken.
- Give with food to avoid nausea.
- Encourage fluids

Interactions

Anticholinergics, Lamotrigine, Probenecid, Propranolol, Warfarin, Zidovudine.

Client Education

- Teach patient how to take prescribed form of drug
- Teach patient to follow dosage instructions precisely
- Teach patient not to exceed prescribed amount.
- Advise patient to contact provider before taking other prescription drugs

Evaluation of Medication Effectiveness

If patients pain and fever have decreased or are relieved.