

ACTIVE LEARNING TEMPLATE: *Medication*

STUDENT NAME _____

MEDICATION _____ REVIEW MODULE CHAPTER _____

CATEGORY CLASS _____

PURPOSE OF MEDICATION

Expected Pharmacological Action

Ciprofloxacin for urinary tract infection (UTI) will involve use of spectrum antibiotics which will inhibit DNA gyrase henceforth, separating the bacterial DNA, therefore inhibiting cell divisions. The drug is effective in treatment of the infection.

Therapeutic Use

Ciprofloxacin drug will be taken orally as tablet or liquid suspension as prescribed by the doctor. The medication should be continuous despite the individual feeling better since the infection can return. Moreover, the individual ought to drink a lot of fluid while under treatment, to flush bacteria through the urinary tract.

Complications

The individuals can develop some complications as side effects of the drugs through vomiting, nausea, diarrhea, and possible changes in liver function test. Other side effects can be hallucination, restlessness, insomnia, stomach cramps, dizziness and yellowing of the skin.

Contraindications/Precautions

The drug should be used for the right medication depending on the infection an individual has. The doctor's prescription should be followed according to the infection an individual has.

Interactions

Ciprofloxacin causes interactions with other medications such as anti-seizure medication and blood thinners and other antidepressant and mental illness complications.

Evaluation of Medication Effectiveness

The drug is effective in curing any bacteria infection since it is an antibiotic. Henceforth depending on the infection an individual has, the drug can cure the infection as per the doctor's prescription. Moreover, the drug can cure some other forms of illnesses caused by bacteria infection and reduce cell division.

Medication Administration

Ciprofloxacin is considered as the main treatment drug for the treatment of the urinary tract infection. The medication will depend on the infection an individual has. The drug is an antibiotic hence used to treat bacteria in the urinary tract system.

Nursing Interventions

Nursing intervention is done to outline the medication that individuals should follow up. Serious effects such as severe dizziness, diarrhea will call for the individual to seek nursing intervention in order to diagnose any cases of other serious infections.

Client Education

The client should be cautious about the side effects of the drugs such as vomiting, nausea, diarrhea. Ciprofloxacin is an antibiotic and can treat forms of bacteria in the urinary tract system.