

Medication

STUDENT NAME: Hanna Wenerd

MEDICATION: Levofloxacin

CATEGORY CLASS: antibiotic

Expected Pharmacological Action:
-inhibits DNA enzyme gyrase in susceptible microorganisms interfering with bacterial cell replication and repair

Therapeutic Use:
-bactericidal

Complications:
-diarrhea, n/v, abd pain, dizziness, drowsiness/fatigue, headache, passing gas, pain and inflammation in the calves/hands/shoulders, chest pain, dyspnea, palpitations, edema

Contraindications/Precautions:
-hypersensitivity, CNS disorders, seizure disorder, renal impairment, bradycardia, rheumatoid arthritis, diabetes, and the elderly

Interactions:
-BCG, antacids, sucralfate, zinc, NSAIDS, meds that prolong the QT interval, warfarin, and may affect the serum glucose labs

Evaluation of Medication Effectiveness:
-monitor for signs/symptoms of infection

Medication Administration:
-IVP
250-750 mg q24hr
750mg q24hr for severe or complicated infections

Nursing Interventions:
-monitor serum glucose, renal function, and LFTs, monitor bm pattern and stool consistency, monitor any rashes, report hypersensitivity, be alert for super infections, and muscle weakness

Client Education:
-must complete drug therapy all the way through, report any episodes of diarrhea(c diff), report any allergic reactions, stay hydrated, report any mood changes, do not take any aluminum or magnesium containing meds/vitamins.