

COMMON ANTIBIOTIC CLASSES AND ADVERSE REACTIONS



Drug Class: Glycopeptides

Common drugs: vancomycin, telavancin
Notable adverse reactions: ototoxicity, nephrotoxicity, thrombocytopenia, rash, vancomycin flushing syndrome (also known as red man syndrome)

Drug Class: Tetracyclines

Common drugs: doxycycline, minocycline
Notable adverse reactions: teeth and bone changes, hepatotoxicity, photosensitivity, *Clostridium difficile*-associated diarrhea (CDAD)

Drug Class: Beta Lactams

Common drugs: penicillin, ceftriaxone, amoxicillin-clavulanate
Notable adverse reactions: rash, seizures, nephrotoxicity, thrombocytopenia, anemia, neutropenia, anaphylaxis

Drug Class: Nitroimidazoles

Common drugs: metronidazole
Notable adverse reactions: metallic taste, hepatotoxicity, peripheral neuropathy, tremors, rash

Drug Class: Macrolides

Common drugs: erythromycin, azithromycin, clarithromycin
Notable adverse reactions: QT prolongation, hepatotoxicity, ototoxicity

Drug Class: Quinolones

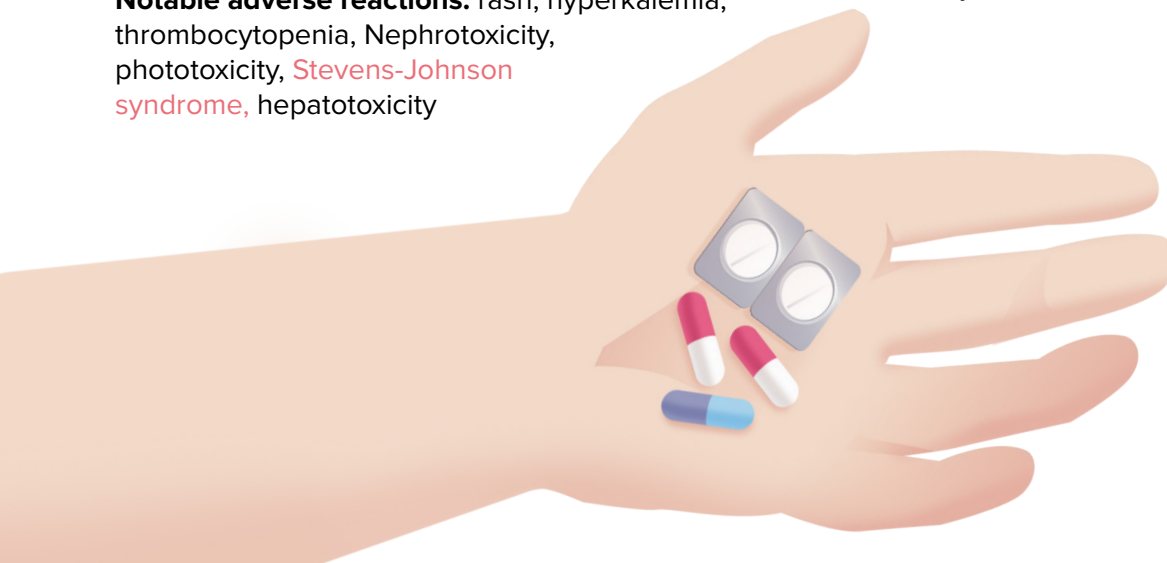
Common drugs: ciprofloxacin, levofloxacin, moxifloxacin
Notable adverse reactions: QT prolongation, tendon rupture, photosensitivity

Drug Class: Folate Synthesis Inhibitors

Common drugs: trimethoprim-sulfamethoxazole
Notable adverse reactions: rash, hyperkalemia, thrombocytopenia, Nephrotoxicity, phototoxicity, Stevens-Johnson syndrome, hepatotoxicity

Drug Class: Aminoglycosides

Common drugs: gentamicin, tobramycin, neomycin
Notable adverse reactions: nephrotoxicity, ototoxicity, neuromuscular blockade exacerbation



EXAM HINT:

Colored reactions are common reactions to know for the NCLEX®

NOTES

