

trimethoprim/ sulfamethoxazole (Bactrim)

Classification:	Indication:
Antiinfective	UTI, otitis media, traveler's diarrhea
Side effects/ adverse reactions:	Nursing Considerations:
<ul style="list-style-type: none">• Insomnia, hallucinations, depression, fatigue, anxiety, seizures, drug fever• Allergic myocarditis• NVD, enterocolitis, abdominal pain• Renal failure, increased BUN• Rash, dermatitis• Cough, SOB	Contraindications: breastfeeding, pregnancy at term Assess: renal studies, type of infection, therapeutic response Educate: take each oral dose with full glass of water, take on empty stomach 1 hr before meals, complete full course of treatment

vancomycin

Classification:	Indication:
Antiinfective	C.diff, MRSA
Side effects/ adverse reactions:	Nursing Considerations:
<ul style="list-style-type: none">• Cardiac arrest, hypotension, peripheral edema• Nausea• Nephrotoxicity, increased BUN• Fever• Back pain• Wheezing, dyspnea• Superinfection	Assess: infection – WBC, urine, stools, sputum, BP during administration, adequate intake of fluids (2L/day), therapeutic response Educate: complete entire course of medication

gentamicin

Classification:	Indication:
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Antiinfective	Severe infections of CNS, respiratory, GI, urinary tract, bone, skin
Side effects/ adverse reactions:	Nursing Considerations:
<ul style="list-style-type: none"> • Confusion, depression, tremors, seizures, muscle twitching • Hypo/hypertension, palpitations, edema • NV, anorexia • Renal damage, renal failure, hematuria • Anemia, leukopenia • apnea 	<p>Assess: VS during infusion – watch for hypotension, IV site for thrombophlebitis, C&S before starting treatment</p> <p>Educate: adequate fluids</p>

cefaclor	
Classification:	Indication:
Antiinfective	Gram-negative bacteria
Side effects/ adverse reactions:	Nursing Considerations:
<ul style="list-style-type: none"> • dizziness, paresthesia, fever, seizures • NVD, anorexia, bleeding, abdominal pain, loose stools, heartburn • Vaginitis, candidiasis, increased BUN • Dyspnea • Anaphylaxis, superinfection 	<p>Contraindications: seizures</p> <p>Assess: nephrotoxicity, I&O, blood studies, C.diff</p> <p>Educate: complete full course, use yogurt, buttermilk to maintain intestinal flora</p>

ciprofloxacin (Cipro)

Classification:	Indication:
Antiinfective (broad spectrum)	Infection caused by susceptible E.coli
Side effects/ adverse reactions:	Nursing Considerations:
<ul style="list-style-type: none"> • Fatigue, restlessness, seizures • NVD, abdominal pain, pancreatitis • Bone marrow depression • Anaphylaxis • Tremor, tendon rupture 	<p>Assess: infection, CNS symptoms, anaphylaxis, Cdiff,</p> <p>Educate: do not take any products that contain magnesium, calcium (antacids) with or 2 hrs before and 6 hr after product.</p>

amoxicillin

Classification:	Indication:
Antiinfective, antiulcer	Treatment of skin, respiratory, GI, GU infections, gonorrhea
Side effects/ adverse reactions:	Nursing Considerations:
<ul style="list-style-type: none"> • Headache, seizures, agitation, insomnia • NVD, abdominal pain, anemia, increased bleeding time • Urticaria • Respiratory distress, anaphylaxis 	<p>Contraindications: hypersensitivity to penicillin</p> <p>Assess: nephrotoxicity, anaphylaxis</p> <p>Educate: complete entire course of medication, culture may be taken after completed course of medication</p>

azithromycin

Classification:	Indication:
antiinfective	Mild to moderate infections of lower and upper resp tract, uncomplicated skin infections
Side effects/ adverse reactions:	Nursing Considerations:

<ul style="list-style-type: none"> • Somnolence, fatigue, vertigo • Palpitations, chest pain • Abdominal pain, heartburn, tongue discoloration • Vaginitis • Anemia 	<p>Contraindications: hepatitis, jaundice</p> <p>Assess: C&S before and after product therapy, bowel pattern before and after treatment, respiratory status</p> <p>Educate: complete dosage regimen</p>
acyclovir	
Classification:	Indication:
antiviral	Mucocutaneous herpes simplex virus, varicella infections, herpes zoster, herpes simplex encephalitis
Side effects/ adverse reactions:	Nursing Considerations:
<ul style="list-style-type: none"> • Seizures, dizziness, hallucinations, confusion • Gingival hyperplasia • NVD • Oliguria, proteinuria, hematuria, vaginitis • Joint, leg pain, muscle cramps 	<p>Assess: infection – type of lesions, area of body covered, purulent drainage; hepatic, renal studies</p> <p>Educate: sexual partners need to be told that patient has herpes, do not touch lesions, does not cure infection (only controls symptoms)</p> <p>Women with genital herpes are more likely to develop cervical cancer</p>

fluconazole (Diflucan)	
Classification:	Indication:
Antifungal	Candidiasis
Side effects/ adverse reactions:	Nursing Considerations:
<ul style="list-style-type: none"> • Seizures • NVD, cramping 	Contraindications: pregnancy

<ul style="list-style-type: none"> • Thrombocytopenia • Angioedema, anaphylaxis 	<p>Assess: infection, obtain C&S baseline</p> <p>Educate: long-term therapy may be needed to clear infection, may be taken with food to reduce GI effects</p>
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metronidazole (Flagyl)	
Classification:	Indication:
Antiinfective	Bacterial anaerobic infections
Side effects/ adverse reactions:	Nursing Considerations:
<ul style="list-style-type: none"> • Headache, dizziness, restlessness • NVD, anorexia, constipation, abdominal pain • thrombocytopenia 	<p>Contraindications: pregnancy 1st trimester, breastfeeding</p> <p>Assess: infection (WBC, wound symptoms, fever, skin or vaginal secretions)</p> <p>Educate: compliance with dosage schedule, duration of treatment, do not drink alcohol during use of medication</p>