

Set 4  
31-40

Generic

Brand

trimethoprim / sulfamethoxazole  
(Bactrim)

Classification: Sulfonamides (anti-biotics)

Indication: Otitis media, bronchitis,  
UTI's, pneumonitis, ulcerative  
colitis

S/E & Adverse reactions:

- Nausea • hematuria
- Vomiting • bone marrow suppression
- diarrhea • Stevens Johnson syndrome
- ab. pain • Rash
- Stomatitis • Photophobia • Fever • chills

Nursing Considerations:

- Contraindications: allergic to sulfonamides, Sulfonureas, or thiazide diuretics. Pregnancy
- ↑ fluids b/c sulfa dries out <sup>the</sup> body
- Avoid the sun b/c of photosensitivity & use sunscreen
- Take folic acid daily
- Pt's may bruise easily → monitor skin & handle w/ care

Set 4  
31-40

Generic

vancomycin

Brand

(Vancomin)

Classification: Lipoglycopeptides  
(antibiotics)

Indication: severe infections  
caused by susceptible strains,  
treatment of *C. difficile* pseudo-  
membranous colitis

S/E & Adverse Reactions:

- GI upset: nausea, vomiting, taste altera-  
tions, diarrhea, ↓ appetite, risk for  
*C. diff* diarrhea
- Ototoxicity
- Nephrotoxicity
- "red person" syndrome

Nursing Considerations:

- Contraindications: pregnancy
- Monitor hypersensitivity reactions
- Monitor for s/s of ototoxicity → (hearing loss, tinnitus)
- Monitor for eosinophilia or leukopenia
- Report s/s of "red person" syndrome

Set 4  
31-40

Generic

Brand

gentamicin (~~gentamicin~~)

Classification: Aminoglycoside

Indication: Treatment of Pseudomonas infections & a wide variety of Gram-negative infections

S/E & Adverse reactions:

- Sinusitis • Fever • GI: nausea, vomiting, anorexia
- Dizziness • Risk of nephrotoxicity
- Rash & Hives • Nephro. Oto. & Neuro Toxicity

Nursing Considerations:

- Contraindications: allergic to aminoglycosides, hearing loss, musculoskeletal disorders (Myasthenia gravis & Parkinson's disease)
- & Contraindicated for lactation
- Monitor: Renal, Neuro, & Respiratory Status
- Evaluate pt's comments related to any hearing issues

Set 4  
31-40

Generic Brand  
Cefaclor (Ceclor)

Classification: Cephalosporins (2nd gen)

Indication: Treatment of respiratory, dermatological, urinary tract, and middle ear infections caused by susceptible strains of bacteria.

S/E & Adverse reactions:

- Nausea • Superinfection
- Vomiting • Bone marrow depression
- Diarrhea • Risk for pseudomembranous colitis
- Rash

Nursing Considerations:

- Contraindications: history of allergies to cephalosporins or penicillin, administer w/ caution to pts with renal disease, hepatic impairment & bleeding disorder
- Cephalosporins make oral contraceptive ineffective (use additional contraceptive)
- DO NOT drink alcohol while on this medication.

Set 4  
31-40

Generic

Brand

Ciprofloxacin (Cipro)

Classification: Fluoroquinolones

Indication: Treatment of infections caused by a wide spectrum of Gram-negative bacteria

S/E & Adverse reactions:

- Headache
- Vomiting
- Photosensitivity
- Dizziness
- Diarrhea
- Risk for tendonitis
- Hypotension
- Fever & tendon rupture
- Nausea
- Rash

Nursing Considerations:

- Contraindications: pts w/ a history of hypersensitivity to the ~~fluoro~~<sup>fluoro</sup> quinolones, children < 18 years old, give w/ caution to diabetics, renal impairment, history of seizures & elderly
- Use sunblock & avoid sun due to photosensitivity
- Take on an empty stomach w/ full glass of water

Set 4  
31-40

Generic

Brand

amoxicillin (Amoxil)

Classification: Extended-spectrum  
Penicillin

Indication: Broad spectrum of uses for adults & children. UTIs, Septicemia, Intra-abdominal infections, STIs (syphilis) & Respiratory infections (pneumonia)

S/E & Adverse reactions:

- Nausea • Stomatitis
- Vomiting • Bone marrow suppression
- Diarrhea • Rash • Superinfections
- Glossitis • Fever • Lethargy  
(inflammation of tongue)

Nursing Considerations:

- Contraindications: history of allergies to penicillin or cephalosporins, renal disease, asthma, bleeding disorders, GI disease
- Pregnancy & breast-feeding safe
- Penicillin makes oral contraceptives ineffective (use alternative)

Set 4  
31-40

Generic

Brand

acyclovir (Zovirax)

Classification: Agents for Herpes Virus  
& Cytomegalovirus (antivirals)

Indication: Treatment of Herpes  
Virus Infections

S/E & Adverse reactions:

- Headache • Nausea
- Vertigo • Vomiting
- Tremors • Rash

Nursing Considerations:

- Contraindications: pregnancy, allergies to antivirals, renal disease
- Ensure pt is well hydrated
- Take meds. as prescribed for full course of treatment
- Taken on empty stomach →
- Avoid sexual intercourse if genital herpes is being treated b/c these drugs do not

Cure the disease

- Wear protective gloves when applying topical agents
- Avoid driving & hazardous tasks if dizziness or drowsiness occurs

set 4  
31-40

Generic

Brand

azithromycin (Zithromax)

Classification: Macrolides antibiotics

Indication: Treatment of mild to moderate respiratory infections &

Urethritis in adults & otitis media & pharyngitis/tonsillitis in children

SE & Adverse reactions:

- Ab cramping • Pseudomembranous colitis
- Anorexia • Confusion •
- Diarrhea • Ab. thinking
- Vomiting • Uncontrolled emotions

Nursing Considerations:

- Contraindications: allergies to macrolide, viral, fungal, or mycobacterial infections of the eye, hepatic dysfunction, caution in lactating women
- Culture site of infection b/f therapy
- Admin. on empty stomach 1hr b/f or → 2-3 hr after meals

- Pt edu about being treated for STD's about appropriate precautions
- additional therapy

Set 4  
31-40

Generic

Brand

fluconazole (Diflucan)

Classification: Azole Antifungals

Indication: Treatment of oropharyngeal, esophageal, & vaginal candidiasis; cryptococcal meningitis; systemic fungal infections; prophylaxis to ↓ the incidence of candidiasis in bone marrow transplants

S/E & Adverse reactions:

- Headache
- Abdominal pain
- Nausea
- Rash
- Vomiting
- Diarrhea

Nursing Consideration:

- Contraindications: hepatic dysfunction, cautious in presence of liver or renal impairment
- Monitor renal function tests weekly & liver monthly

Set 4  
31-46

Generic

Brand

Metronidazole (Flagyl)

Classification: Antiprotozoals

Indication: Treatment of amebiasis, trichomoniasis, giardiasis

S/E & Adverse reactions:

- Headache
- Vomiting
- Pizziness
- Metallic taste
- Ataxia
- Diarrhea
- Nausea
- Darkening of urine

Nursing Considerations:

- Contraindications: history of hypersen. to metronidazole or other nitromidazole derivatives, pregnancy (1st trimester)
- Take w/ food (oral doses)
- ↓ dosage in hepatic disease & E's
- Take full course of drug therapy
- Refrain from sexual intercourse during treatment for trichomoniasis, unless partner wears a condom