

Pharmacology Review Class Prep Day 2

Insulin:

	Onset	Peak	Duration
Insulin Lispro (Humalog)	10 to 20 mins	30 to 90 mins	3 to 5 hours
Regular Insulin (Humulin R)	30 to 60 mins	2 to 4 hours	5 to 8 hours
NPH (Humulin N)	1 to 3 hours	8 hours	12 to 16 hours
Insulin Glargine (Lantus)	1 hour	No peak	20 to 26 hours
70% NPH/ 30% Regular (Humulin 70/30)	30 to 60 mins	Varies	10 to 16 hours

Antibiotics:

1. What is the purpose of Antimicrobial Stewardship?
To improve clinical outcomes by avoiding adverse drug reactions, reducing C diff, minimizing antimicrobial resistance, and lowering costs.
2. Match the following:

A. Penicillins __3__	1. Contraindicated in patients on anticoagulants or with bleeding disorder.
B. Cephalosporins __1__	2. May discolor teeth. Causes photosensitivity.
C. Tetracyclines __2__	3. Check for allergy before administration, observe 30 minutes following parenteral administration.
D. Vancomycin __5__	4. Ensure adequate fluid intake to prevent crystalluria.
E. Fluroquinolones __4__	5. Can cause ototoxicity , monitor trough levels.

Respiratory Medications:

1. Your Patient is using a Metered Dose Inhaler (MDI) and the device begins to whistle. What is the correct response by the nurse?
Tell the patient to slow their inspiration rate.
2. Why is a spacer helpful to use with some clients?
It allows for the medicine to be breathed in more easily and effectively; it wastes less medicine.

3. Match the following drugs with their indication for use :

A. Albuterol (1)	1. Given to patients in respiratory distress
B. Acetylcysteine (4)	2. Used for long term control
C. Budesonide + Formoterol (2)	3. Used as a rescue inhaler
D. Atrovent + Albuterol (3)	4. Given to break up mucus

GI Medications:

1. Match the following drug with their indication for use:

A. Azathioprine (3)	1. Motion Sickness
B. Docusate sodium (4)	2. Gastrointestinal reflux disease (GERD)
C. Cimetidine (6)	3. Inflammatory bowel disease
D. Bisacodyl (7)	4. Stool softener
E. Dimenhydrinate (5)	5. Nausea, vomiting
F. Omeprazole (2)	6. Duodenal ulcer
G. Metoclopramide (1)	7. Constipation