

## Pharmacology Review Class Prep Day 2

### Insulin:

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

### Antibiotics:

1. What is the purpose of Antimicrobial Stewardship?
  - a. Appropriate antimicrobial use – spectrum, site, dose, route, duration
  
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?
  - a. Shake inhaler > breathe all the way out > hold inhaler properly > breath in slowly through mouth, press down on inhaler one time > keep breathing in slowly and as deeply as possible > hold breath, count to 10
2. Why is a spacer helpful to use with some clients?
  - a. Increases successful delivery of medication
3. Match the following drugs with their indication for use :

A. Albuterol - 3	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 - 1	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 - 1	5. Nausea, vomiting
F. Omeprazole - 2	6. Duodenal ulcer
G. Metoclopramide - 5	7. Constipation