Pharmacology Review Class Prep Day 2

Insulin:

	Onset	Peak	Duration
Insulin Lispro (Humalog)	10-20 mins	30-90 mins	3-5 hrs
Regular Insulin (Humulin R)	30-60 mins	2-4 hrs	5-8 hrs
NPH (Humulin N)	1-3 hrs	8 hrs	12-16 hrs
Insulin Glargine (Lantus)	1 hr	none	20-26 hrs
70% NPH/ 30% Regular (Humulin 70/30)	30-60 mins	varied	10-26 hrs

Antibiotics:

1. What is the purpose of Antimicrobial Stewardship?
   The purpose is to use the antibiotic that would have the best chance of taking out a certain organism based on the spectrum, dose, duration, and route

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?
   Educate on breathing slowly rather than quickly
2. Why is a spacer helpful to use with some clients?
   They don't have to coordinate breathing with he puffing, they just breathe in normally from the chamber
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