

Pharmacology Review Class Prep Day 1

Herbal Therapies: Match the herbal medication with the appropriate drug interaction:

A. St. John's Wort ___2___	1. Can increase hypoglycemia effects of diabetic medications
B. Ma Huang ___5___	2. Decreases effectiveness of oral contraceptives
C. Echinacea ___4___	3. Increased Risk for Bleeding
D. Ginger Root ___1___	4. Chronic use can decrease the effects of medications for TB, HIV, and cancer
E. Feverfew ___3___	5. When combined with a MAOI can cause severe HTN

Mental Health Medications:

1. What is an important teaching point when your client is first prescribed Fluoxetine?
Teach client that this drug is contraindicated with taking MAOI's
2. What should you teach your patient who is prescribed Phenelzine?
Avoid foods with tyramine
3. What is the main adverse effect of Venlafaxine?
Serotonin syndrome
4. What antidepressant aids in smoking cessation?
Bupropion (atypical antidepressant) aids in smoking cessation
5. What is the therapeutic window for lithium? What are S/S of lithium toxicity? What are expected side effects of lithium?
Therapeutic window for lithium is 0.8-1.4 mEq/L
Lithium toxicity side effects include GI distress, confusion, poor coordination, coarse tremors, and sedation
Expected side effects of lithium include GI distress, fine hand tremors, increased thirst, and weight gain
6. What is the difference between first generation and second-generation antipsychotics? What do you need to teach your patients?
Conventional antipsychotics target positive symptoms and atypical antipsychotics target both positive and negative symptoms.
Teach patients that conventional antipsychotics cause EPS side effects and atypical antipsychotics produce less EPS side effects and more metabolic side effects.

Neurological Medications:

1. What is Carbidopa/ Levodopa prescribed to treat?

- a. What is important to teach your client who is taking this drug?
Prescribed to treat Parkinson's Disease and teach patient to watch for orthostatic hypotension and take with food.
2. Why are anticholinergic drugs prescribed for Parkinson's disease?
Used as adjunct to reduce motor symptoms
3. What is a common drug used to decrease spasticity when treating MS?
Baclofen (Lioresal)

Pain Medications:

1. Opioid/ Narcotic Medications
 - a. 1 mg Dilaudid = 7-11 mg morphine
2. Name 4 side effects of morphine you should teach your client:
 1. Nausea
 2. Itching
 3. Respiratory depression
 4. Constipation
3. A client is prescribed a transdermal Fentanyl patch Q72 hours. You applied the patch 30 minutes ago and your patient is still complaining of pain. What would be your priority action?
Educate the client that a transdermal patch does not take effect until 12-24 hours.

Chemotherapy Medications:

1. List three common side effects of cytotoxic chemotherapy:
 - a. N/V
 - b. Myelosuppression
 - c. Alopecia
2. Your client is receiving IV doxorubicin to treat her breast cancer and complains of burning at the IV site. What is your priority intervention? Stop the medication from infusing