

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?
It is important to mention weight loss may happen early into treatment and serotonin syndrome can begin 2-72 hours after starting treatment.
2. What should you teach your patient who is prescribed Phenelzine?
We would want to teach them to monitor their intake of tyramine and to avoid foods with tyramine.
3. What is the main adverse effect of Venlafaxine?
Nausea, anorexia, weight loss
4. What antidepressant aids in smoking cessation?
SSRI
5. What is the therapeutic window for lithium? What are S/S of lithium toxicity? What are expected side effects of lithium?
Therapeutic range= 0.8-1.4, GI distress fine hand tremors increased thirst and weight gain, lithium toxicity is when levels exceed 1.5-2.0 s/s may be distress, confusion, poor coordination, coarse tremors, sedation.
6. What is the difference between first generation and second-generation antipsychotics? What do you need to teach your patients?
First generation antipsychotics target positive symptoms and cause extrapyramidal side effects, second generation antipsychotics help both positive and negative s/s but cause more metabolic side effects.

Neurological Medications:

1. What is Carbidopa/ Levodopa prescribed to treat?
Parkinson's

- a. What is important to teach your client who is taking this drug?
Take this medication with food and watch for orthostatic hypotension, for long term therapy there may be on-off periods of effectiveness.

2. Why are anticholinergic drugs prescribed for Parkinson's disease?
Anticholinergic drugs are prescribed to reduce motor symptoms due to its effect of decreasing acetylcholine activity.

3. What is a common drug used to decrease spasticity when treating MS?
Baclofen

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 that the onset of action is 12-24 hours and should last 72 hours

Chemotherapy Medications:

1. List three common side effects of cytotoxic chemotherapy:
 - a. **N/V**
 - b. **Alopecia**
 - c. **Myelosuppression**
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 infusion**