

Madison Tuttle

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? Interactions with MAOIS (DON'T TAKE WITHIN 14 DAYS) and NSAIDS - Increased risk for GI bleed
2. What should you teach your patient who is prescribed Phenezine? Don't take with MAOIS. Avoid foods with tyramine - hypertensive crisis
3. What is the main adverse effect of Venlafaxine? Serotonin syndrome
4. What antidepressant aids in smoking cessation? Atypical antidepressants -Bupropion
5. What is the therapeutic window for lithium? What are S/S of lithium toxicity? What are expected side effects of lithium? 0.8-1.4Meq/L
Toxicity -course tremors, sedation, confusion, blurred vision, polyuria
S/S- GI distress, fine 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? 1st gen- negative symptoms only and 2nd gen Positive and negative symptoms

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?
Long term therapy, "On/off" effectiveness. Monitor for orthostatic hypotension ,avoid MAOIS , take same time everyday
2. Why are anticholinergic drugs prescribed for Parkinson's disease? 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. constipation
 2. respiratory depression
 3. nausea
 4. itching
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 it takes 12-14hrs for full effect, offer nonpharmacologic pain relief for the time being

Chemotherapy Medications:

1. List three common side effects of cytotoxic chemotherapy:
 - a. Nausea
 - b. Vomiting
 - 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 infusion. Assess the IV site
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