

NR 546 Week 8 EXAM 2 - Final
Psychopharmacology

MAOIs (monoamine oxidase inhibitors) affect which neurotransmitters?

- A. Serotonin, Dopamine, Norepinephrine
- B. Serotonin, GABA, Glutamate
- C. Acetylcholine, Dopamine, Norepinephrine
- D. Dopamine, GABA, Acetylcholine

A. Serotonin, Dopamine, Norepinephrine

Which of the following is considered first line treatment for depression?

- A. SSRI
- B. FGA
- C. SNRI
- D. MAOI

A. SSRI

When treating a patient for major depression disorder which medication would the PMHNP consider first?

- A. Depakote
- B. Selegiline
- C. Escitalopram
- D. Isocarboxazid

C. Escitalopram

Which of the following medication should be considered for a patient diagnosed with major depressive disorder who reports "always forgetting to take my pills"?

- A. Mirtazapine
- B. Fluvoxamine
- C. Fluoxetine
- D. Carbamazepine

C. Fluoxetine

Which of the following medication has a black box warning of a life-threatening skin rash?

- A. Lithium
- B. Lamotrigine
- C. Lurasidone
- D. Lorazepam

B. Lamotrigine

Which medication is considered the best tolerated SSRI?

- A. Venlafaxine
- B. Bupropion
- C. Setraline
- D. Escitalopram

D. Escitalopram

During a 4 week follow up appointment, Rashida, who is prescribed Sertraline 25mg qAM reports slight improvement in depression symptoms and tolerating medication well. Which of the following should the PMHNP do?

- A. Increase Setraline dose
- B. Switch to an SNRI
- C. Switch to a different SSRI
- D. Add Trazodone qHS for sleep.

A. Increase Setraline dose

Which medication should be avoided for the 66 year patient diagnosed with major depressive disorder and anxiety with a reported fall 3 months ago?

- A. Citalopram
- B. Setraline
- C. Paroxetine
- D. Aripiprazole

C. Paroxetine

A patient reports upset stomach and diarrhea 3 days after taking new prescription of sertraline. Which of the following is the most appropriate response from the PMHNP?

- A. "Start doubling the dose of sertraline and your symptoms will begin to ease up".
- B. "Most side effects subside after 4-5 days. Your body is getting adjusted to the increased serotonin levels".
- C. "Stop taking it immediately and go to the local emergency department".
- D. "You must take Sertraline with food, otherwise you will continue to experience GI symptoms".

B. "Most side effects subside after 4-5 days. Your body is getting adjusted to the increased serotonin levels".

During a 2 week follow up appointment, the patient reports no improvement in depressive symptoms with escitalopram. Which of the following statement made by the PMHNP is correct?

- A. "Let's discontinue escitalopram and start you on something stronger".
- B. "It can take up to 6 weeks before you notice improvements of depressive symptoms".
- C. "I am going to prescribe Trazodone. Take it at night to help you sleep".
- D. "Start taking two pills at a time".

B. "It can take up to 6 weeks before you notice improvements of depressive symptoms".

Duloxetine effects which two neurotransmitters?

- A. serotonin and norepinephrine
- B. serotonin and dopamine
- C. norepinephrine and GABA
- D. glutamate and acetylcholine

A. serotonin and norepinephrine

Awura, a 70 year old patient diagnosed with major depressive disorder reports a recent 40 pound weight loss within the last 3 months. Which medication should the PMHNP consider adding to her medication regimen?

- A. quetiapine
- B. mirtazpine
- C. valproic acid
- D. paroxetine

B. mirtazpine

Which of the following symptoms is NOT an adverse effect associated with the acute use of opioids?

- A. Sedation
- B. Respiratory depression
- C. Immunosuppression
- D. Itching

C. Immunosuppression

When dosing citalopram for Lynee, a 72 year old patient, the PMHNP understands to dose at 1/2 dose due to the increased risk of

- A. delirium
- B. polypharmacy
- C. falls
- D. QTc prolongation

D. QTc prolongation

Which of the following medication class is approved for first line treatment for OCD?

- A. Atypical antipsychotics
- B. Benzodiazepines
- C. MAOI
- D. SSRI

D. SSRI

Which SSRI has a mild antihistamine effect?

- A. Paroxetine
- B. Fluoxetine
- C. Citalopram
- D. Sertraline

C. Citalopram

Which medication should the PMHNP prescribe for a patient diagnosed with major depressive disorder but takes multiple medications for other chronic conditions?

- A. Sertraline
- B. Escitalopram
- C. Buspirone
- D. Clonazepam

B. Escitalopram

The patient reports suffering from insomnia and anxiety. Which SSRI should be prescribed?

- A. Paroxetine
- B. Duloxetine
- C. Fluoxetine
- D. Venlafaxine

A. Paroxetine

Tricyclic antidepressants (TCA) act as antagonists on which of the following neurotransmitters?

- A. Acetylcholine and Dopamine
- B. Histamine and Acetylcholine
- C. Dopamine and Histamine
- D. Serotonin and Norepinephrine

B. Histamine and Acetylcholine

Which foods should the PMHNP educate their patient to avoid while they are taking Selegiline?

- A. Nuts, milk and wheat
- B. Aged wine, cheeses, and meats
- C. Green leafy vegetables and tomatoes
- D. Grapefruit and grapefruit juice

B. Aged wine, cheeses, and meats

Which neurotransmitter is associated with reward and addiction?

- A. Norepinephrine
- B. GABA
- C. Dopamine
- D. Histamine

C. Dopamine

Emily, a 22 year old female, reports she is 4 weeks pregnant and wants to get clean from heroin. Which medication is most appropriate for Emily?

- A. Buprenorphine/ Naloxone
- B. Naltrexone
- C. Buprenorphine
- D. Methadone

D. Methadone