

CNS-Pharmacology

Archive

Lecture 6

Antidepressant Drugs

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1. Which of the following is not an anti-depressant?

- a. Selective serotonin reuptake inhibitors
- b. Serotonin norepinephrine reuptake inhibitor
- c. Atypical antidepressants
- d. Excitatory glutamate inhibitor
- e. MAO inhibitors

Answer: d

2. Which of the following is not an SSRI?

- a. Fluoxetine
- b. Citalopram
- c. Duloxetine
- d. Sertraline

Answer: c

3. One of the following matches is WRONG? Select one:

- a. SSRIs: Escitalopram
- b. SNRIs: Venlafaxine
- c. Atypical antidepressants: Phenezine
- d. Tricyclic antidepressants: Amitriptyline
- e. MAO inhibitors: Selegiline

Answer: c

4. All following about antidepressants are TRUE EXCEPT?

- a. SSRIs have replaced the use of TCAs and MAO inhibitors
- b. SNRIs effective in treatment of neuropathic pain
- c. Imipramine is useful in treatment of bed-wetting in children
- d. MAO inhibitors use is limited because of complicated dietary restrictions
- e. MAO inhibitors and SSRIs can be co-administered together

Answer: e

5. All following about antidepressants are TRUE EXCEPT?

- a. All antidepressants carry a risk of suicidal thoughts in teenagers
- b. SNRIs have no activity at muscarinic and histaminic receptors
- c. Tricyclic antidepressants block alpha-adrenergic, histamine and muscarinic receptors
- d. MAO inhibitors adverse effects: orthostatic hypotension and dry mouth
- e. Serotonin syndrome manifestations: muscle rigidity and confusion

Answer: a

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6. Selective serotonin reuptake inhibitors, one is FALSE?

- a. Have little blocking activity at muscarinic, alpha-adrenergic, and histaminic receptors
- b. Safe in overdose
- c. Half-life 16-36 hours
- d. It takes 4 weeks to produce significant improvement in mood
- e. Adverse effects: delayed ejaculation

Answer: d

7. Which of the following is an SNRI?

- a. Fluoxetine
- b. Amitriptyline
- c. Venlafaxine
- d. Bupropion

Answer: c

8. A 36 year old patient smokes 2 packs of cigarettes a day, he tried to stop smoking by using nicotine patches but he was unsuccessful, what medication would be beneficial in this case ?

- a. Phenezine
- b. Bupropion
- c. Imipramine
- d. Buspirone
- e. Citalopram

Answer: b

9. One of the following is a norepinephrine & serotonin reuptake inhibitor

- a. citalopram
- b. Venlafaxin
- c. Fluvoxiamine
- d. Sertraline

Answer: b