

Application of Course Knowledge

- Provide a five sentence paraphrased summary of serotonin neurotransmitter purpose and function.
- Link serotonin neurotransmitter to a psychiatric diagnosis or diagnoses
- Discuss associated symptoms of serotonin diagnosis or diagnoses. Determine if each symptom is related to an excess or deficiency in the neurotransmitter.
- Identify a drug class that treats the disorder. Discuss whether recommended medications are agonists or antagonists. Explain how the medication impacts the clinical signs and symptoms (treats the diagnosis).

1. Provide a five sentence paraphrased summary of serotonin neurotransmitter purpose and function.

- Serotonin is a chemical that carries messages between nerve cells in the brain and throughout your body. Serotonin plays a key role in such body functions as mood, sleep, digestion, nausea, wound healing, bone health, blood clotting and sexual desire.
- It plays a role in mood and the CNS and affects functions throughout the body. It may have an impact on:
 - bone metabolism
 - cardiovascular health
 - eye health
 - blood clotting
 - neurological disorders