

# Week 6 quiz review with clinical pearls

All Sections

No unread replies.No replies.

Hello NR546 students,

The following are the rationales from the week 6 quiz test bank. Please use these comments to guide your studying for the final exam.

- SSRIs are approved for 1st line treatment of OCD. Benzodiazepines are not first line treatment for OCD. Stahl p. 577
- The primary action of hallucinogenic drugs such as LSD, mescaline, psilocybin, and MDMA are agonism of 5HT<sub>2A</sub> receptors. Hallucinogens may have additional actions at other serotonin receptors (particularly 5HT<sub>1A</sub> and 5HT<sub>2C</sub>) and at other neurotransmitter systems, and MDMA in particular also blocks the serotonin transporter (SERT). Stahl p. 567-569 Figure 13-27. Mechanism of hallucinogens at 5HT<sub>2A</sub> receptors
- The hypothalamus serves as the brain center that controls appetite by utilizing a complex set of circuits and regulators. One formulation of how the hypothalamus does this is the notion that there is a major appetite-stimulating pathway whose actions are mediated by two peptides (neuropeptide Y and agouti-related protein).
- Phentermine acts much like amphetamine, blocking both the dopamine transporter (DAT) and the norepinephrine transporter (NET) and, at high doses, the vesicular monoamine transporter (VMAT).
- Buprenorphine is approved for persons < 18 years of age.  
Stahl's prescriber's guide
- disulfiram-alcohol reaction may occur within 2 weeks of alcohol ingestion. Stahl Prescriber Guide
- Methadone is a full mu-receptor agonist with a long half-life, which can