

# Week 3 Clinical Pearls & Rationales

## All Sections

No unread replies.No replies.

Hello NR546 students, please review the following clinical pearls and rationales to prepare for our midterm exam.

- Major current hypothesis for the cause of schizophrenia proposes that glutamate activity at N-methyl-d-aspartate (NMDA) receptors is hypofunctional due to abnormalities in the formation of glutamatergic NMDA synapses during neurodevelopment. Stahl p. 107
- EPSs manifest when dopamine receptor occupancy within the basal ganglia reaches approximately 80% as the dopamine-mediated inhibition of movement is now disinhibited (Refer to pathophysiology and the basal ganglia model of movement)Stahl p.133 . See figure 5-4
- Risperidone has the highest risk for galactorrhea. Review tuberofundiular pathway Stahl p.95
- clozapine is documented to decrease risk of suicide in schizophrenic clients. Stahl p. 181
- "Aripiprazole is associated with the lowest risk weight gain.
- **All pines are associated with weight gain.** Though not associated with large weight gain, lurasidone is not associated with less weight gain in the same way as aripiprazole. Week 3 lecture "