Study Guide

- Know the response of adrenergic drugs when stimulated to alpha 1 & 2 and beta 1 & 2.
- Define adrenergic agonist and sympathomimetic drugs and expected physiological effects.
- Know the mechanism of action in relation to neurotransmitters related to synapses for adrenergic agonists and blockers.
- Compare the differences between selective and non-selective medications.
- Describe side effects of sympathomimetics drugs.
- Describe expected effects of beta-adrenergic blockers and how they work at the synaptic level.
- Describe teaching a nurse provides to patients treated with beta blockers or blocking agents.
- Meds to study and know: metoprolol, propranolol, terazosin, epinephrine, bethanechol, pilocarpine, acetylcholinesterase inhibitors, and atropine.
- How direct and indirect cholinergic drugs work and side effects including at the synaptic level with neurotransmitters and toxicity.
- Describe how anticholinergic medications work and possible side effects and any contraindications.
- Math calculations: tablets/capsules, concentrations, iv pumps, and drop factors.

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