1. Define the action of the sympathomimetics (adrenergics).
2. Define the body’s response to Alpha \(_1\) & Alpha \(_2\); Beta \(_1\) & Beta \(_2\) stimulation.
3. Define the body’s response to Alpha \(_1\) & Alpha \(_2\); Beta \(_1\) & Beta \(_2\) inhibition.
4. Differentiate between selective and non-selective beta-blockers discussing potential contraindications.
5. Identify essential nursing education provided to clients for alpha \(_1\) blocker therapy.
6. Identify essential nursing education provided to clients for beta-blocker therapy.
7. Define the action of the parasympathomimetics (cholinergics).
8. Differentiate between direct and indirect-acting cholinergics.
9. Define the action of each of the following neurotransmitters:
   - norepinephrine
   - epinephrine
   - acetylcholine
   - acetylcholinesterase
10. Describe the role of cholinesterase inhibitors in the treatment of Alzheimer’s and Myasthenia Gravis.
11. Define the action of anticholinergic medications.
12. Describe common side effects associated with anticholinergics.
13. Review the following medications:
    - epinephrine (EpiPen)
    - midodrine (ProAmatine)
    - dobutamine HCl (Dobutrex)
    - albuterol Sulfate (Proventil)
    - clonidine (Catapres)
    - terazosin (Hytrin)
    - propranolol (Inderal)
    - metoprolol (Lopressor)
    - carvedilol (Coreg)
    - pilocarpine
    - bethanechol chloride (Urecholine)
    - donepezil (Aricept®)
    - atropine sulfate