ANATOMY (GROSS): Conjunctiva / Cornea / Refractive Surgery

A. Cornea
   1. Normal dimensions including diameter, radii of curvature (anterior and posterior) and thickness (central and peripheral)
   2. Epithelium (histology and ultrastructure)
   3. Basal lamina (relationship to epithelium)
   4. Anterior limiting lamina (Bowman's layer): relationship to stroma, basal lamina, and epithelium
   5. Stroma (composition, ultrastructure)
   6. Posterior limiting lamina (Descemet's membrane): relationship to stroma and endothelium
   7. Endothelium (composition, ultrastructure)
   8. Limbus
   9. Innervation
   10. Regeneration

B. Conjunctiva
   1. Location
   2. Composition (layers, cell types, glands, Palisades of Vogt)
   3. Relationship to tarsal plate, extraocular muscles, sclera, vagina bulbi (Tenon's capsule), cornea
   4. Blood supply and venous drainage, lymphatic drainage
   5. Innervation
   6. Plica similunaris (composition)
   7. Caruncle (composition)