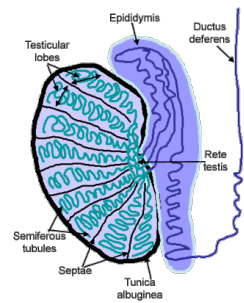
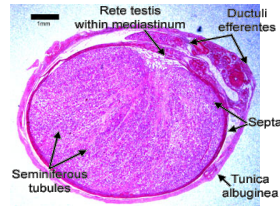


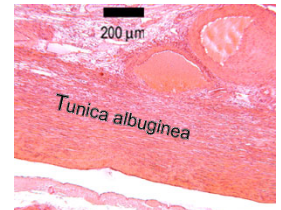
MALE REPRODUCTIVE SYSTEM

TESTIS

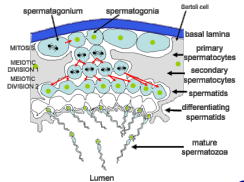


- produce spermatozoa in seminiferous tubules and androgens
- septa divide the testis into ~ 250 incomplete lobules and meet towards posterior border at tunica albuginea
- each lobule contains 1-4 seminiferous tubules covered by

complex stratified epithelium embedded in connective tissue stroma

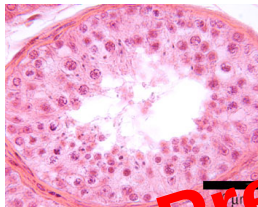
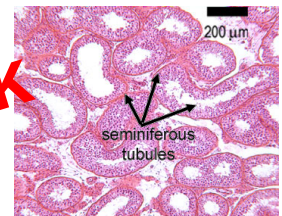


- each tubule contains Sertoli cells and spermatogenic cells
- tunica albuginea = thick fibromuscular connective tissue capsule



- inner vascular layer = tunica vasculosa
- Sertoli cells = simple columnar epithelial cells which extend from basement membrane to lumen are joined by tight junctions and produce protein which concentrates testosterone

- Blood testis barrier = large molecules can't pass between basal and adluminal compartments – so developing sperm cells are isolated from blood



Levig/myoid/ interstitial cell, squamous contractile cells are found on basement membrane, cause peristaltic waves and make testosterone

Preview from Notesale.co.uk
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