**Items to Identify: Male Reproductive System**

**Slides to Identify**

* Slide 163 (19760): Fetal testis
	+ Gonodocytes
* Slide 164: Testis, mouse
	+ Sertoli cells, germ cells, spermatogonia, mitotic figures, spermatocytes, primary spermatocytes, secondary spermatocytes, spermatids, intercellular bridges
	+ Interstitium, lymphatic vessels, capillaries, Leydig cells, myoid cells, fibroblasts
* Slide 165: Testis
	+ Sertoli cells, germ cells, spermatogonia, mitotic figures, spermatocytes, primary spermatocytes, secondary spermatocytes, spermatids, intercellular bridges
	+ Interstitium, lymphatic vessels, capillaries, Leydig cells, myoid cells, fibroblasts
* Slide 168: Seminal vesicle, monkey
	+ Pseudostratified columnar secretory epithelium, honeycomb lamina propria
* Slide 169: Prostate
	+ Collagenous connective tissue, smooth muscle, secretory epithelium
* Slide 196:Spermatic cord
	+ Ductus deferens, thick muscular wall, pseudostratified columnar, stereocilia, arteries and veins
* Slide 199: Epididymis – head; efferent ductules
	+ Epididymis, spermatozoa, macrophages, pseudostratified columnar epithelium, microvilli, smooth muscle
* Slide 271: Prostate
	+ Collagenous connective tissue, smooth muscle, secretory epithelium
* Slide 277: Penis
	+ Dense connective tissue, cavernous erectile tissue, penile urethra, spongy erectile tissue
* Slide 467:Testis and epididymis
	+ Sertoli cells, germ cells, spermatogonia, mitotic figures, spermatocytes, primary spermatocytes, secondary spermatocytes, spermatids, intercellular bridges
	+ Interstitium, lymphatic vessels, capillaries, Leydig cells, myoid cells, fibroblasts
	+ Mediastinum testis, rete testis, epididymis
	+ Epididymis, spermatozoa, macrophages, pseudostratified columnar epithelium, microvilli, smooth muscle
* Slide 19618: Testis/capsule
	+ Sertoli cells, germ cells, spermatogonia, mitotic figures, spermatocytes, primary spermatocytes, secondary spermatocytes, spermatids
	+ Interstitium, lymphatic vessels, capillaries, Leydig cells, myoid cells, fibroblasts
* Slide 19673: Efferent duct/epididymis
	+ Epididymis, spermatozoa, macrophages, pseudostratified columnar epithelium, microvilli, smooth muscle
* Slide 19678: Epididymis/ductus deferens
	+ Epididymis, spermatozoa, macrophages, pseudostratified columnar epithelium, microvilli, smooth muscle
* Slide 19680: Human testis (toluidine blue, thin Epon section)
	+ Sertoli cells, germ cells, spermatogonia, mitotic figures, spermatocytes, primary spermatocytes, secondary spermatocytes, spermatids, intercellular bridges
	+ Interstitium, lymphatic vessels, capillaries, Leydig cells, myoid cells, fibroblasts
* Slide 19709: Testis/rete testis
	+ Sertoli cells, germ cells, spermatogonia, mitotic figures, spermatocytes, primary spermatocytes, secondary spermatocytes, spermatids, intercellular bridges
	+ Interstitium, lymphatic vessels, capillaries, Leydig cells, myoid cells, fibroblasts
	+ Mediastinum testis, rete testis, epididymis
* Slide 19716: Tail epididymis
	+ Epididymis, spermatozoa, macrophages, pseudostratified columnar epithelium, microvilli, smooth muscle
* Slide 19760: Fetal testis
	+ Gonocytes
* Slide UT165: Human testis
	+ Sertoli cells, germ cells, spermatogonia, mitotic figures, spermatocytes, primary spermatocytes, secondary spermatocytes, spermatids, intercellular bridges
	+ Interstitium, lymphatic vessels, capillaries, Leydig cells, myoid cells, fibroblasts
* Slide UT166: Human testis
	+ Sertoli cells, germ cells, spermatogonia, mitotic figures, spermatocytes, primary spermatocytes, secondary spermatocytes, spermatids, intercellular bridges
	+ Interstitium, lymphatic vessels, capillaries, Leydig cells, myoid cells, fibroblasts, capsule
* Slide UT196: Spermatic cord
	+ Ductus deferens, thick muscular wall, pseudostratified columnar, stereocilia, arteries and veins
	+ Developmental steps of spermatogenesis, ID all germ cell types
* Slide Spermatic cord 36 yr: spermatic cord (toluidine blue)
	+ Ductus deferens, blood vessels

**Slides to Identify**

* EM 8h: Macrophage in the testis; 30,000x
	+ Macrophage in interstitium of testis, thick basal lamina of Sertoli cell
* EM (LM) 19: Seminiferous tubules; 1,500x
	+ Spermatogonia, spermatocytes, young spermatids, mature spermatids, myoid cells, Leydig cells
* EM 19a: Seminiferous epithelium; 5,500x
	+ Sertoli cells, spermatogonia, spermatocytes, spermatids, cytoplasmic bridge, manchette
* EM 19b: Spermatozoa; 3,000 to 41,000x
	+ Nucleus, acrosome, axoneme, mitochondria, plasma membrane
* EM 19c: Sertoli cell; 13,300x
	+ Sertoli cell, heterophagic vacuoles, lipid droplets, mitochondria, microtubules, nucler-pores, synaptonemal complex
* EM 20: Leydig cell; 28,000x
	+ Smooth endoplasmic reticulum, rough endoplasmic reticulum, mitochondria, tubular cristae, lipofuscin pigment granules, cell junctions, nuclear pores
* EM 21: Ductus deferens; 11,000x
	+ Stereocilia, smooth endoplasmic reticulum swirls
* EM 22: Seminal vesicle; 9,600x
	+ Abundant rough endoplasmic reticulum
* EM 23: Prostate; 31,000x
	+ Abundant rough endoplasmic reticulum for protein secretion