

Male reproductive system

- 1) Draw a scheme of spermatogenesis, including the number of chromosome sets.
- 2) Name the major functions of Sertoli and Leydig cells.
- 3) Explain the concept of blood-testis barrier.
- 4) Describe the epithelial lining of the ductus epididymis.
- 5) What glands contribute to the formation of seminal plasma and in what proportion?
- 6) Which structures belong to the spermatic cord?
- 7) Which cell precursors give rise to: germ cells, Sertoli cells, Leydig cells.
- 8) Explain the mechanism of erection.

Preparáty:

36. Testis (HE)
37. Epididymis (HE)
38. Funiculus spermaticus (HE)
39. Seminal vesicles (HE)
40. Prostate gland (HE)
41. Penis (HE)

Atlas EM:

- Human spermatozoon (71)
- Development of gonads (95)
- Development of genital passages and external genitalia (96)