



The reproductive system

My God, Help Me to Survive
This Deadly Love

Berlin Wall



Sex as a relationship



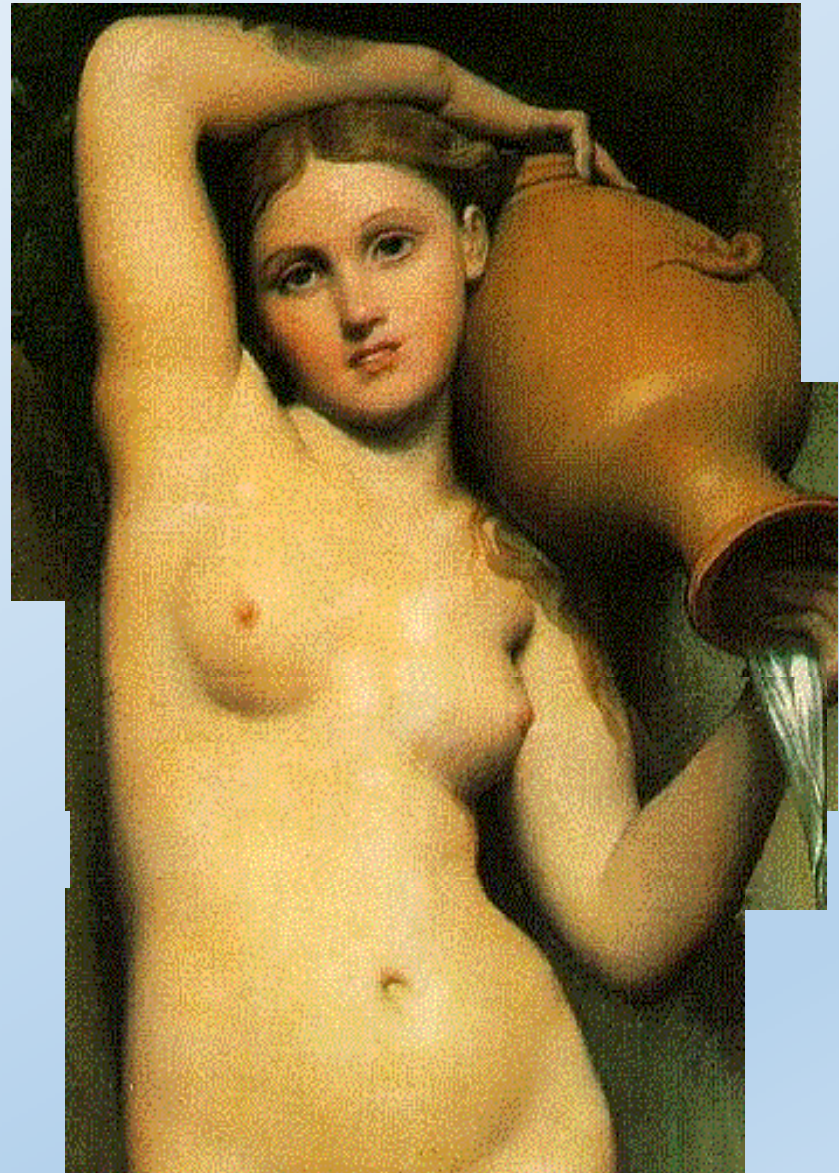
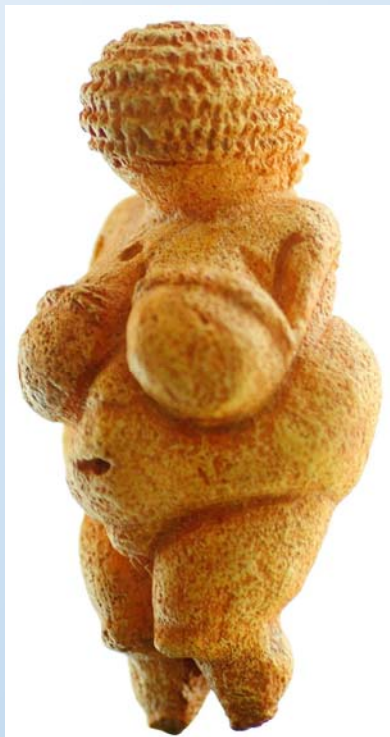
Sex as a relationship

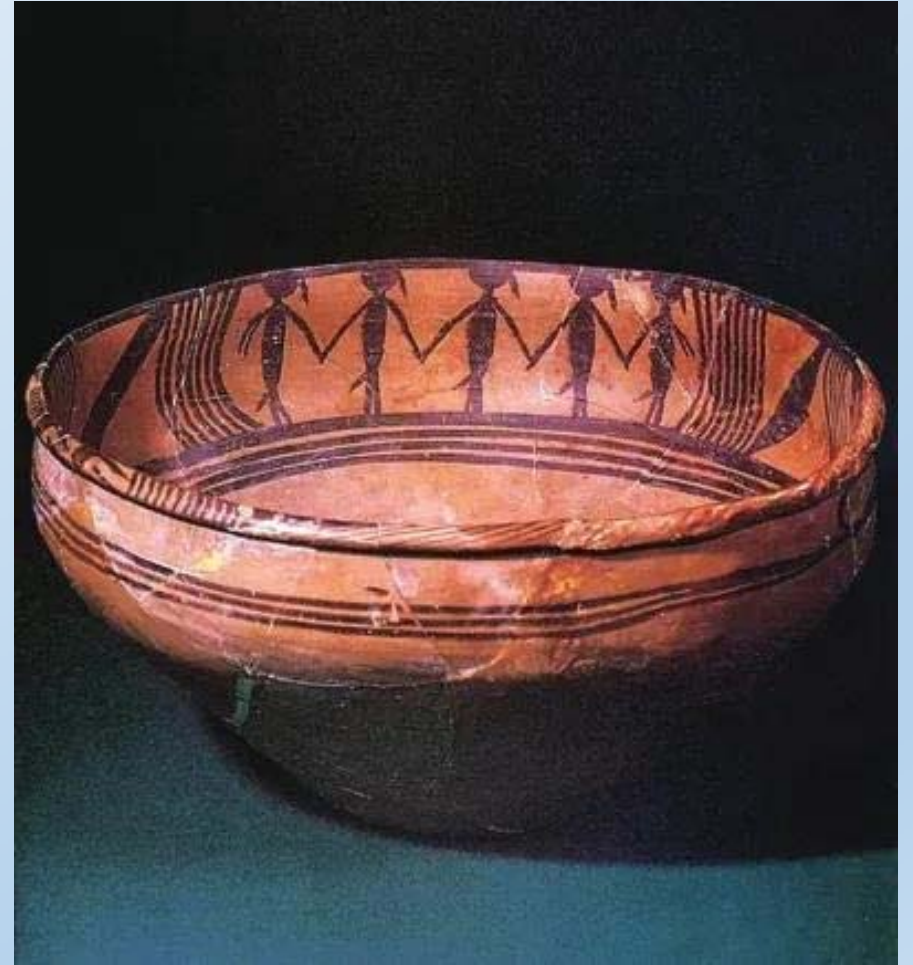


The core of sexual relationship is Attraction

年轻
皮肤完整
嘴唇
生殖标志

健康
经济状况
身高
对称性





Attraction



Censoring



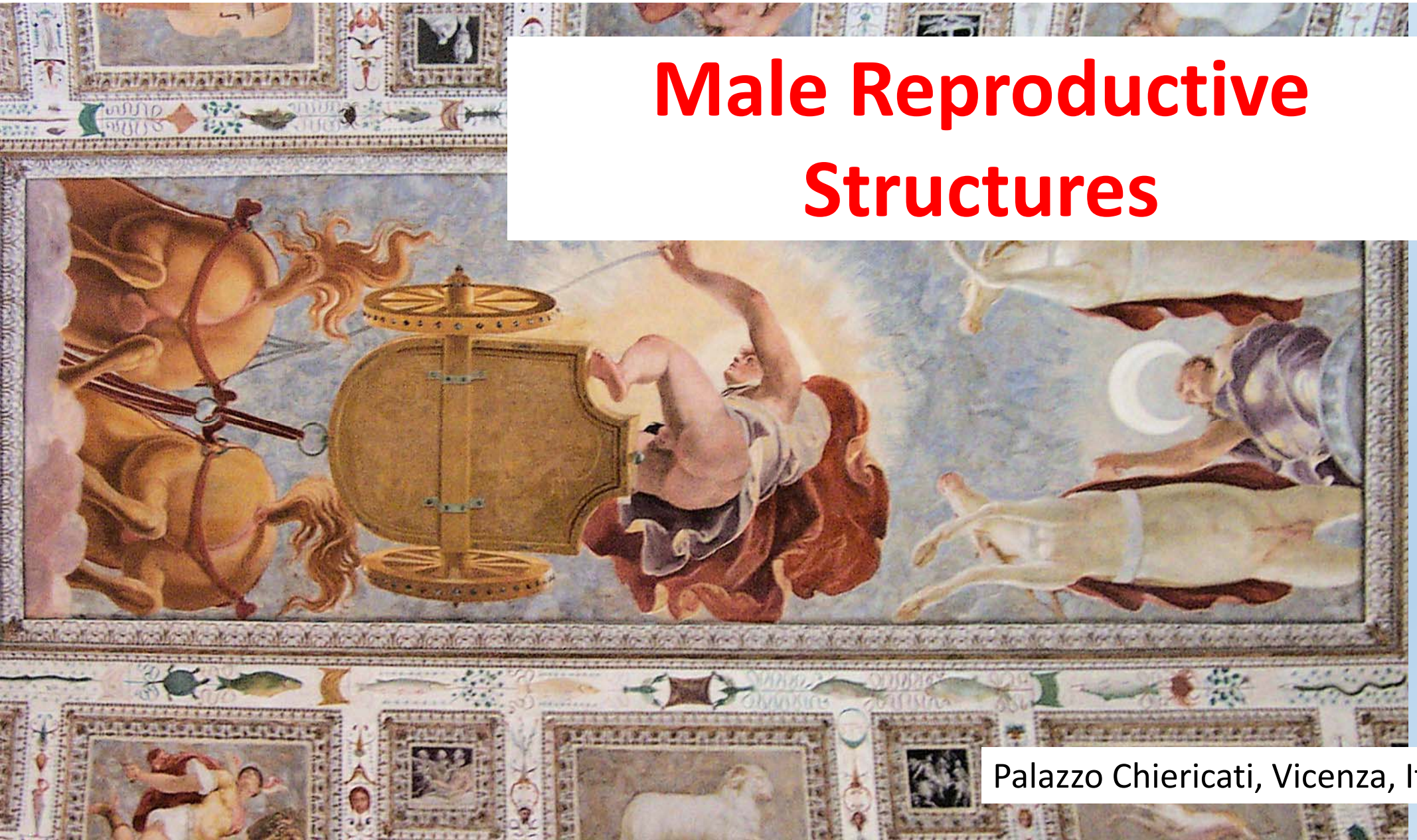
Reproduction

Reproduction is the process by which animals produce offspring.

The end result of reproduction is new animals that are raised for the products they produce

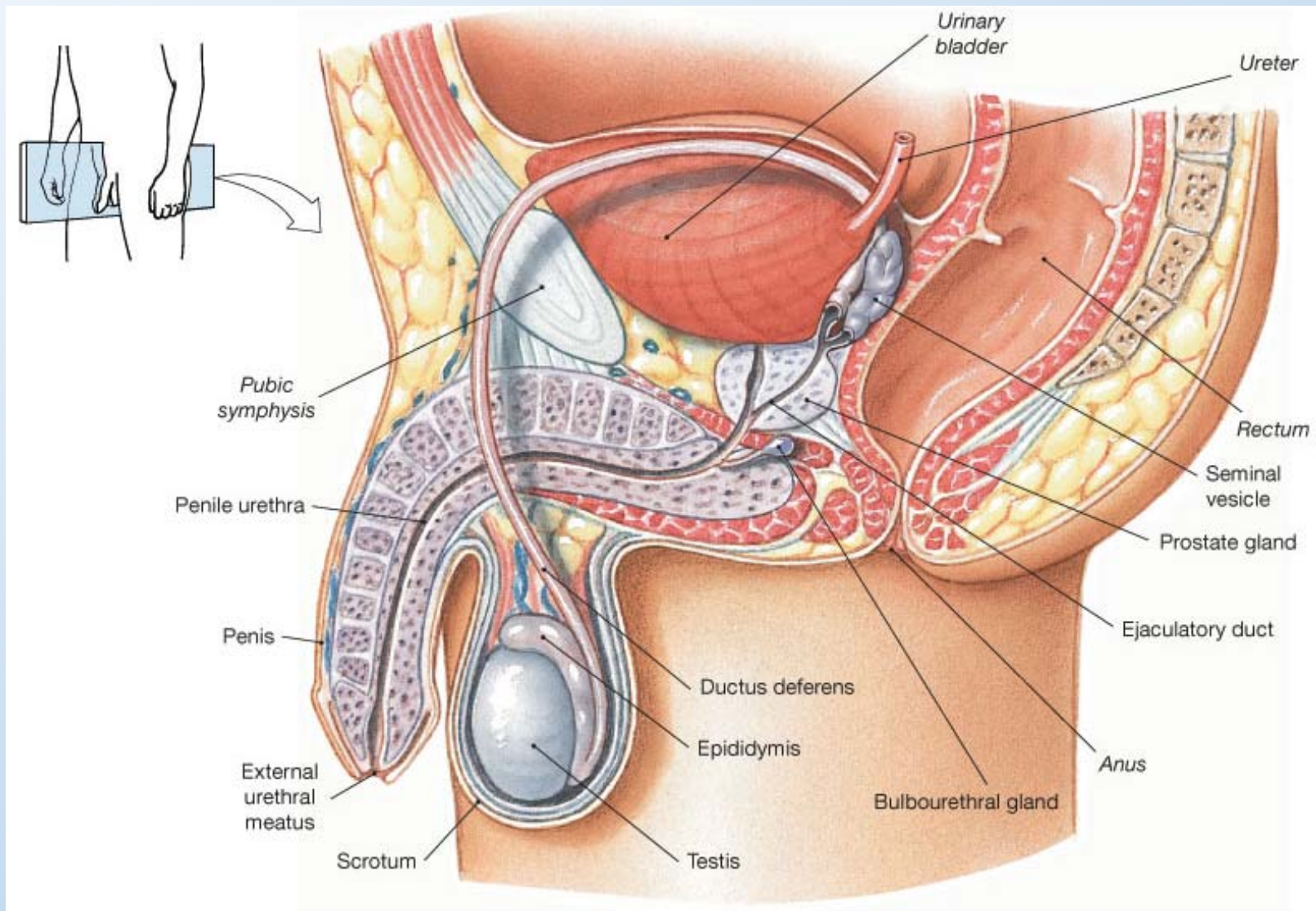
Sexual reproduction is the union of sperm and egg. Two parents are required. Most animals are produced with sexual reproduction

Male Reproductive Structures



Palazzo Chiericati, Vicenza, Italy

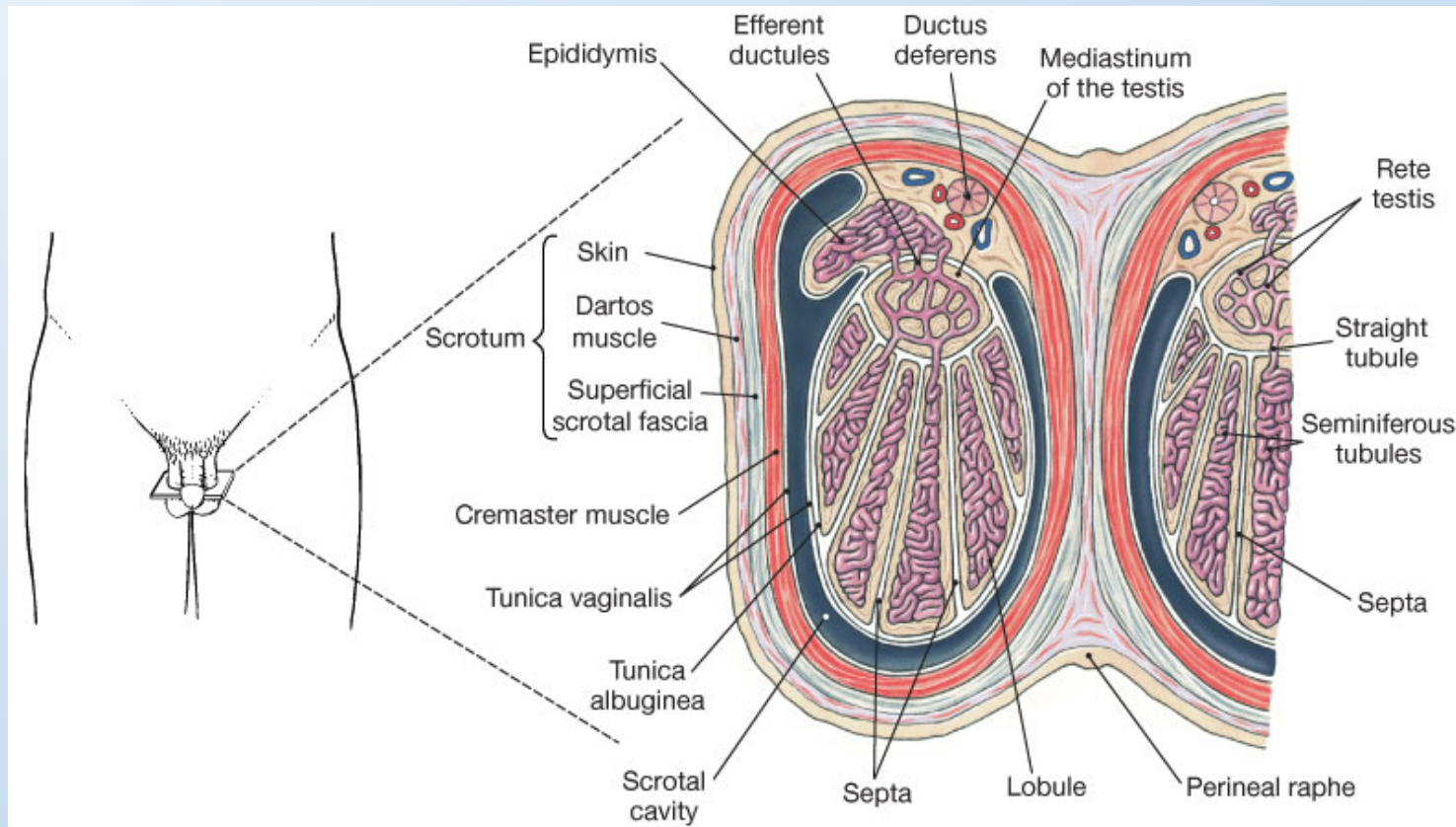
Male Reproductive Structures



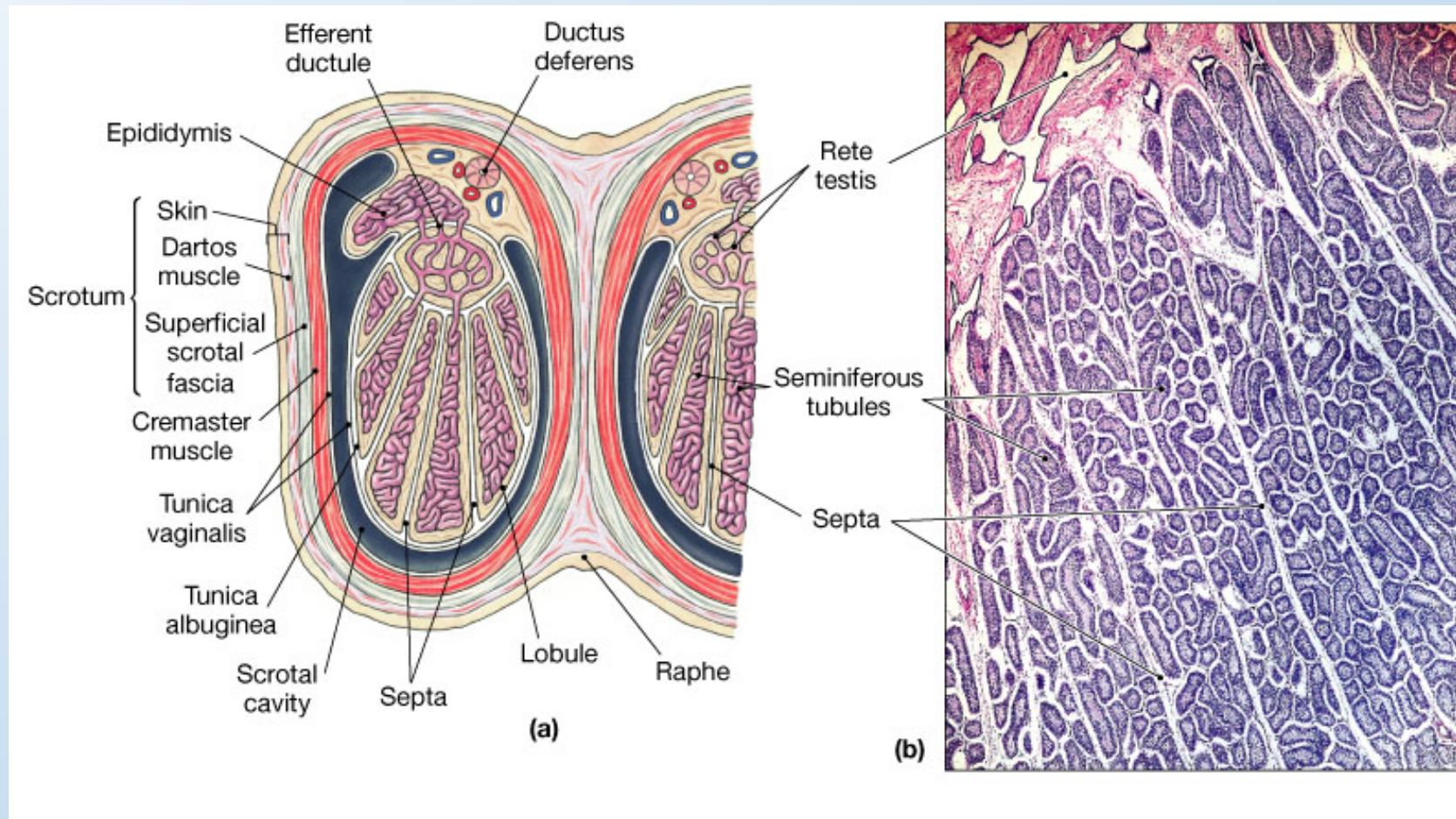
Mature Sperm Cells



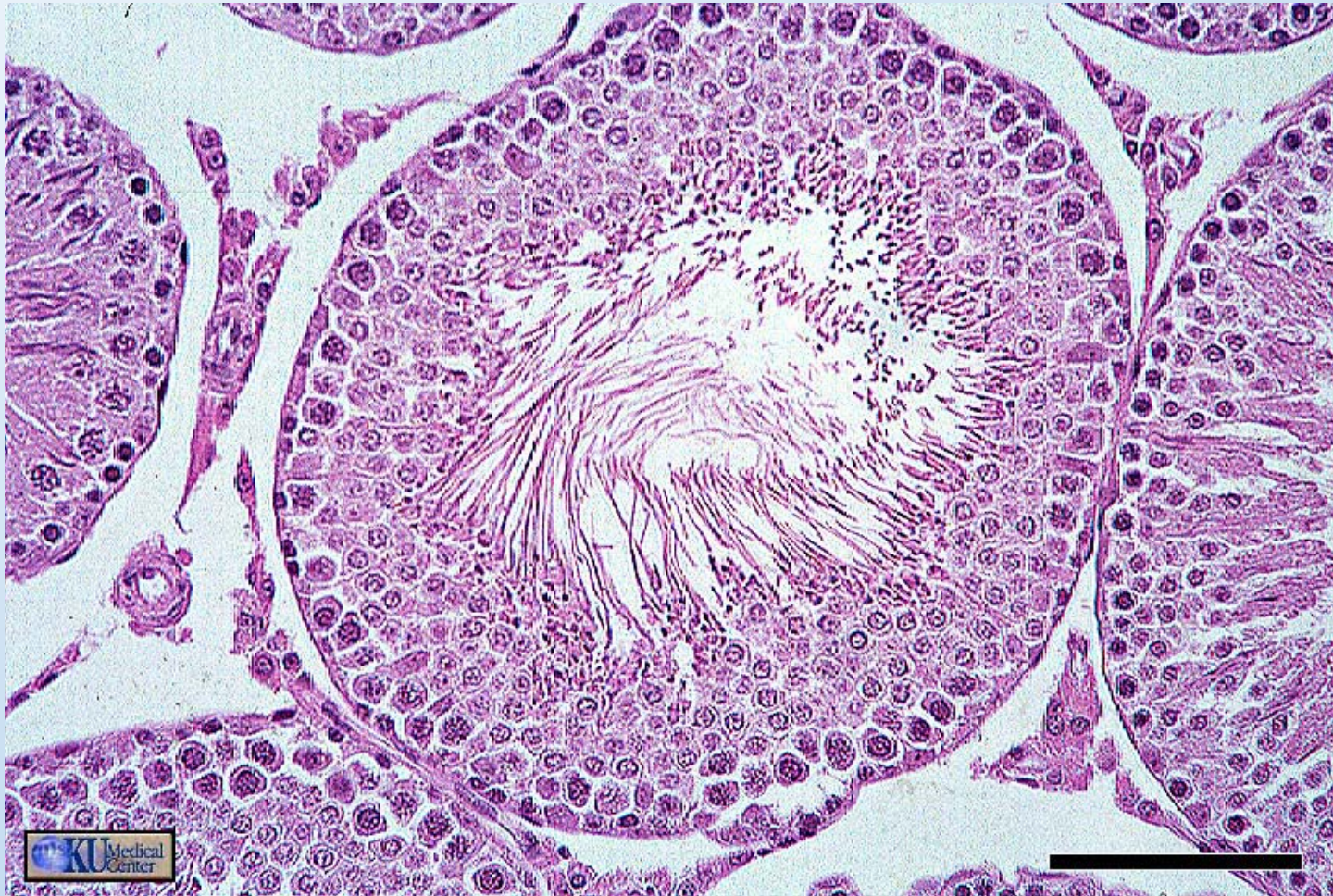
Structure of the Testes



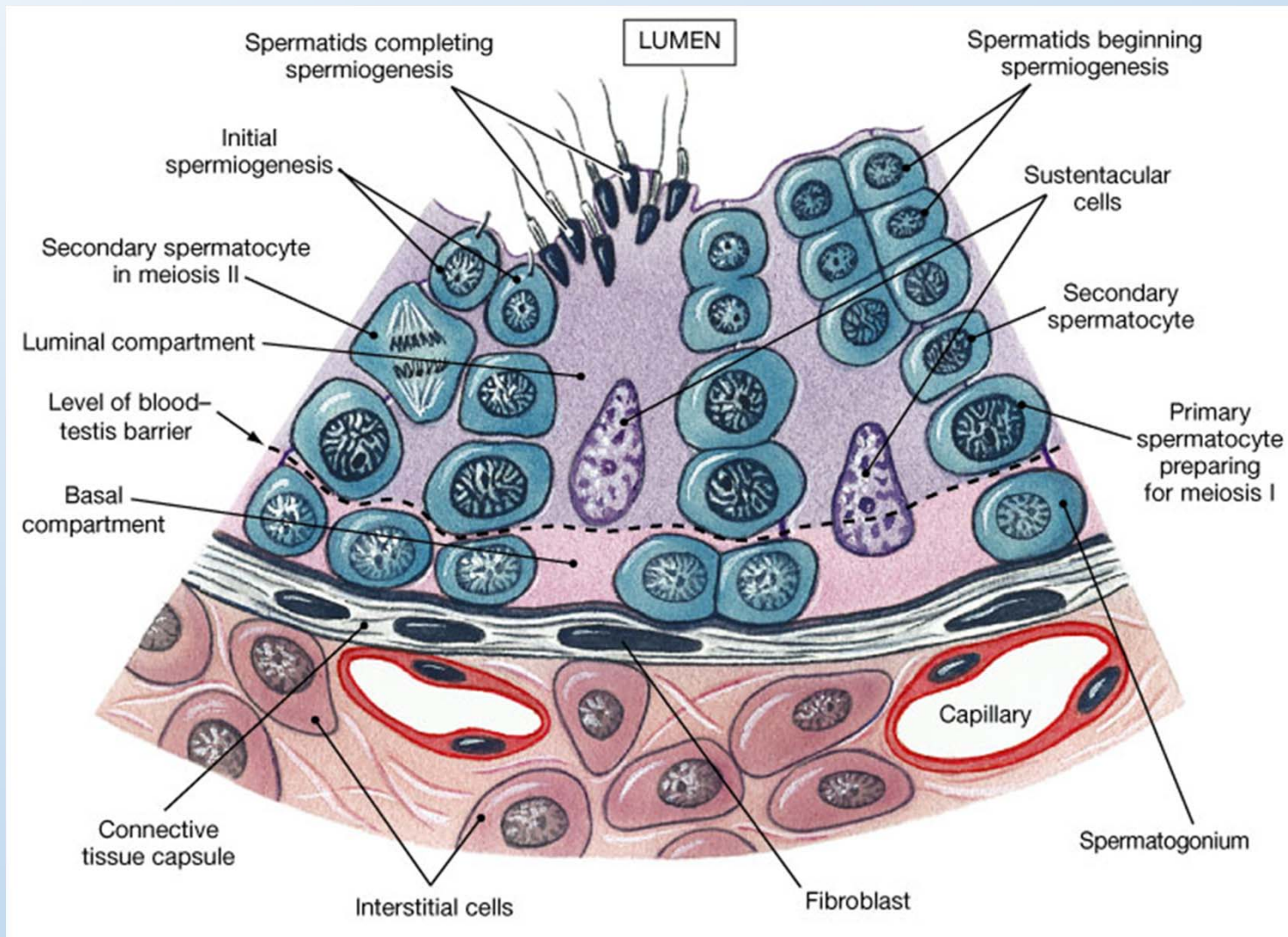
Structure of the Testes



Seminiferous Tubules of the Testes with interstitial cells in between



Spermatogenesis

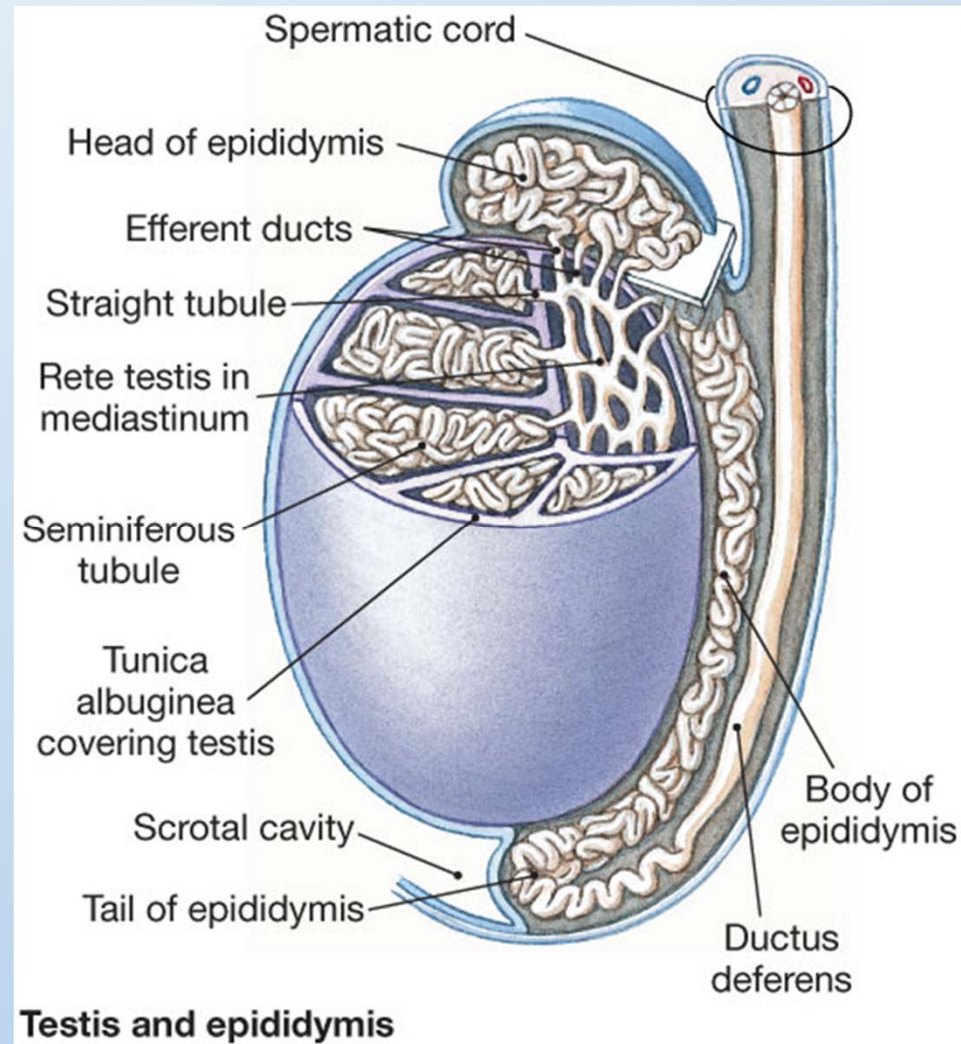


Epididymis – about 18 feet long (*3 weeks*).

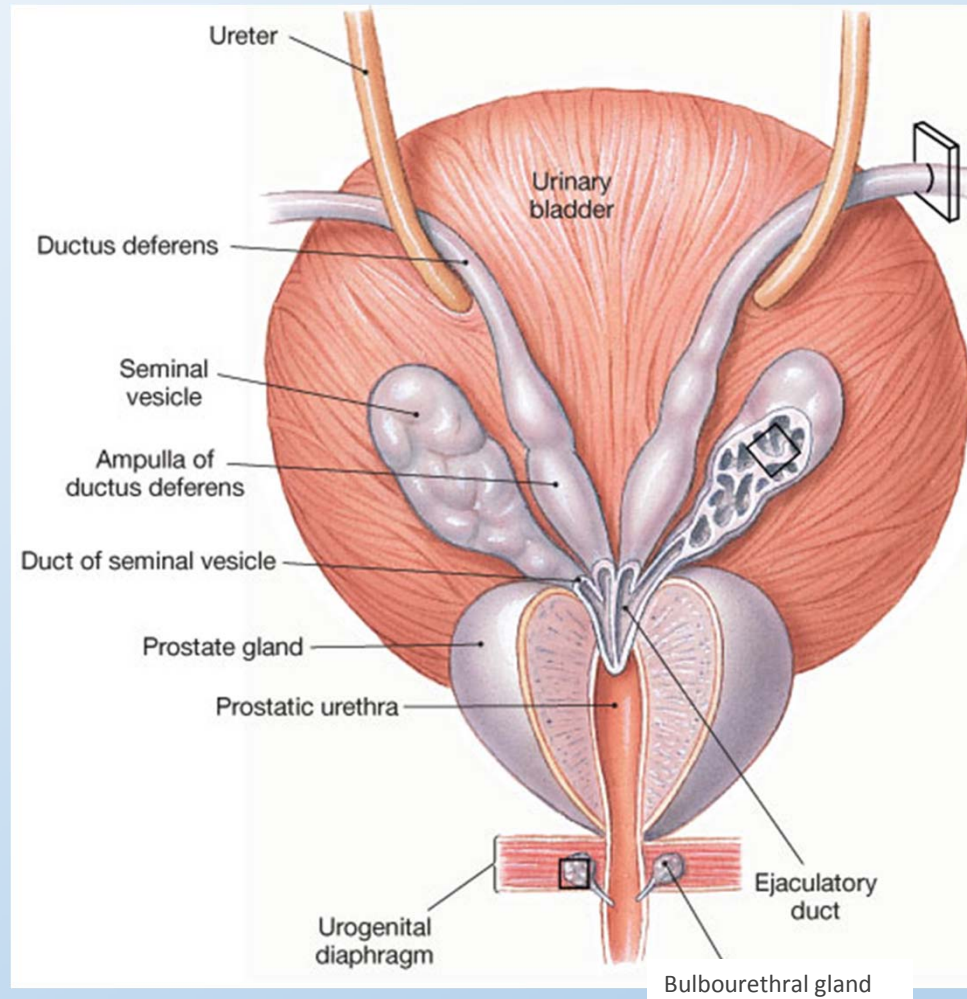
- Head
- Body
- Tail

Transport &
Maturation
of Sperm cells
and culling

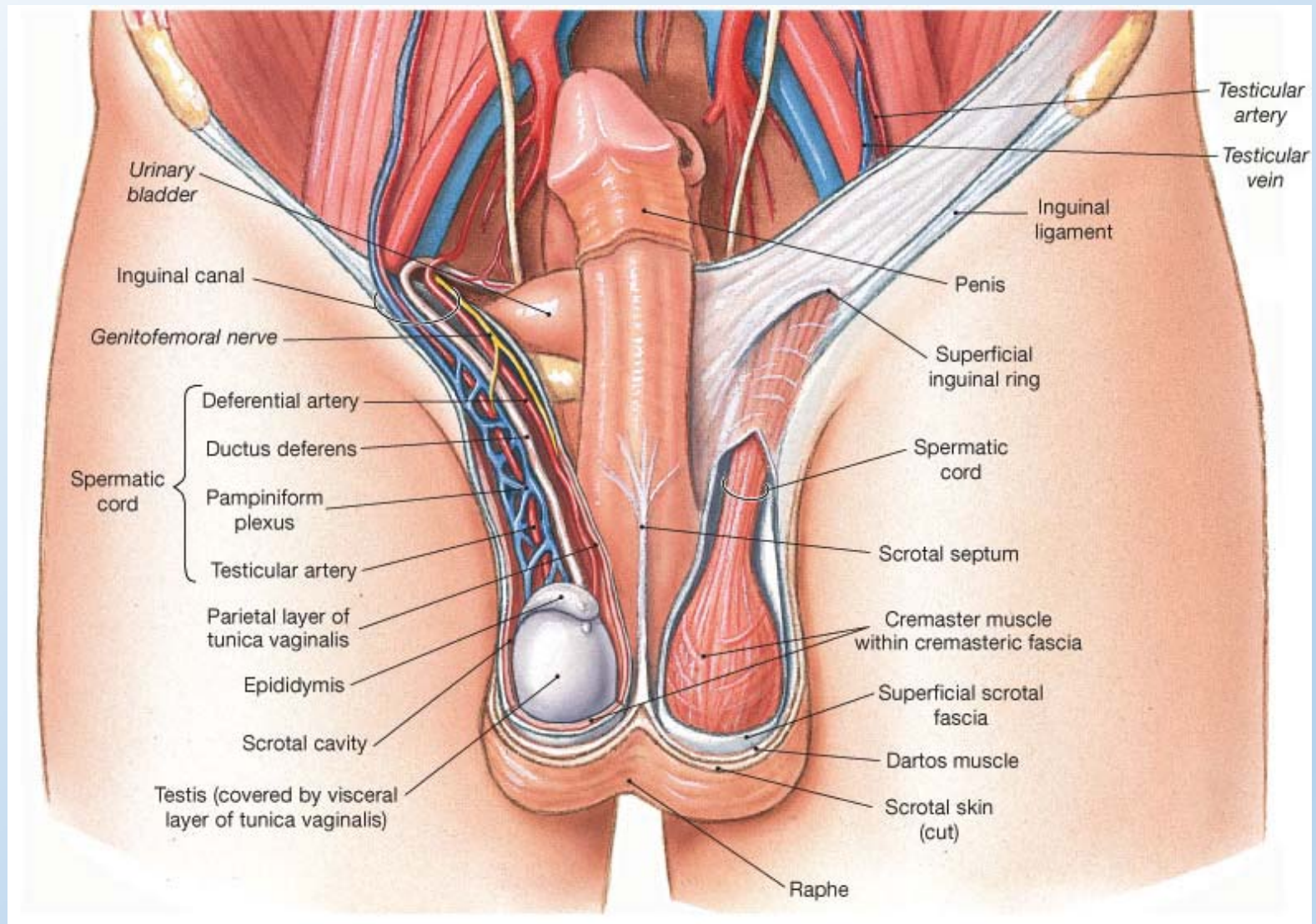
Ductus deferens



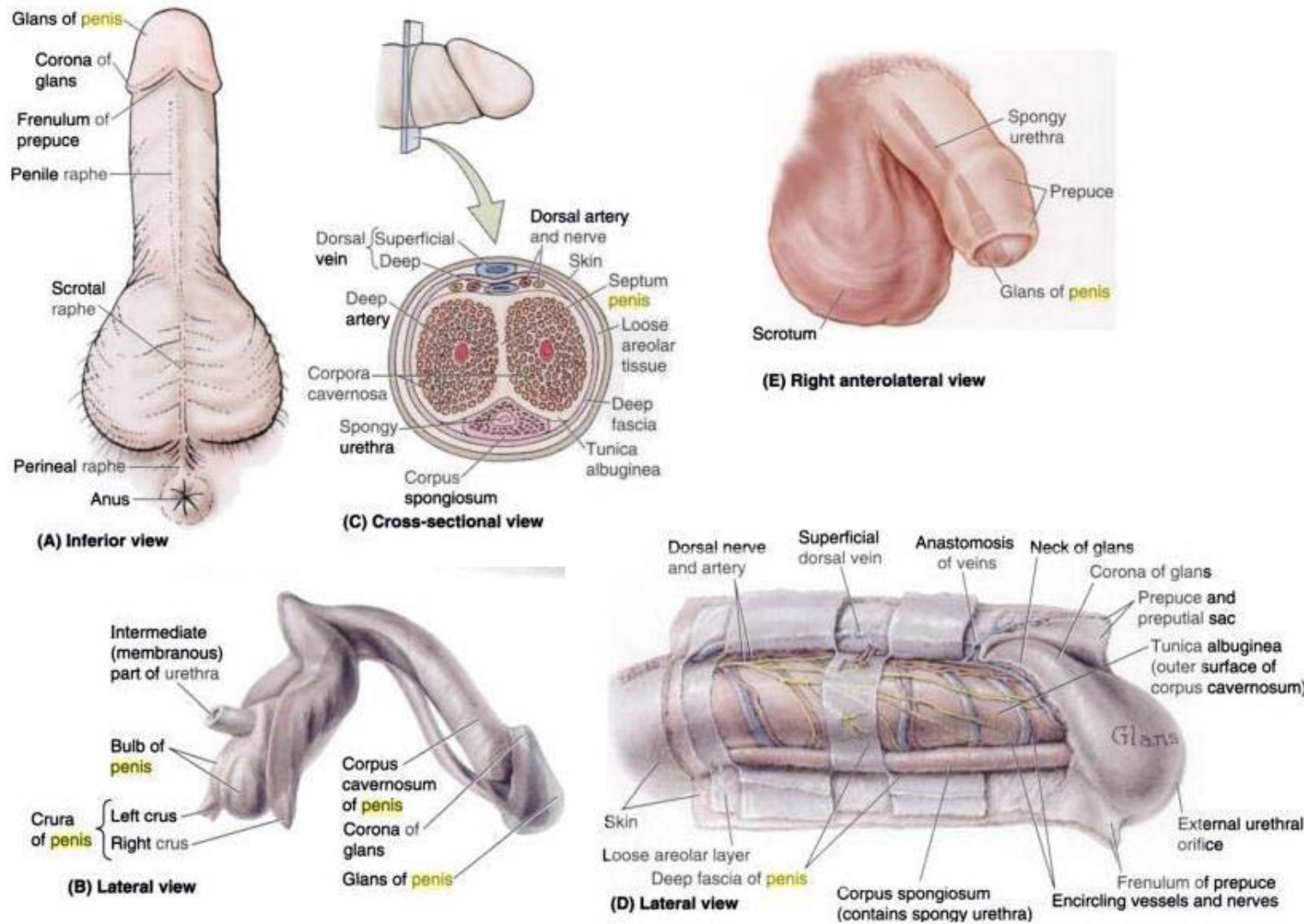
The Accessory Glands



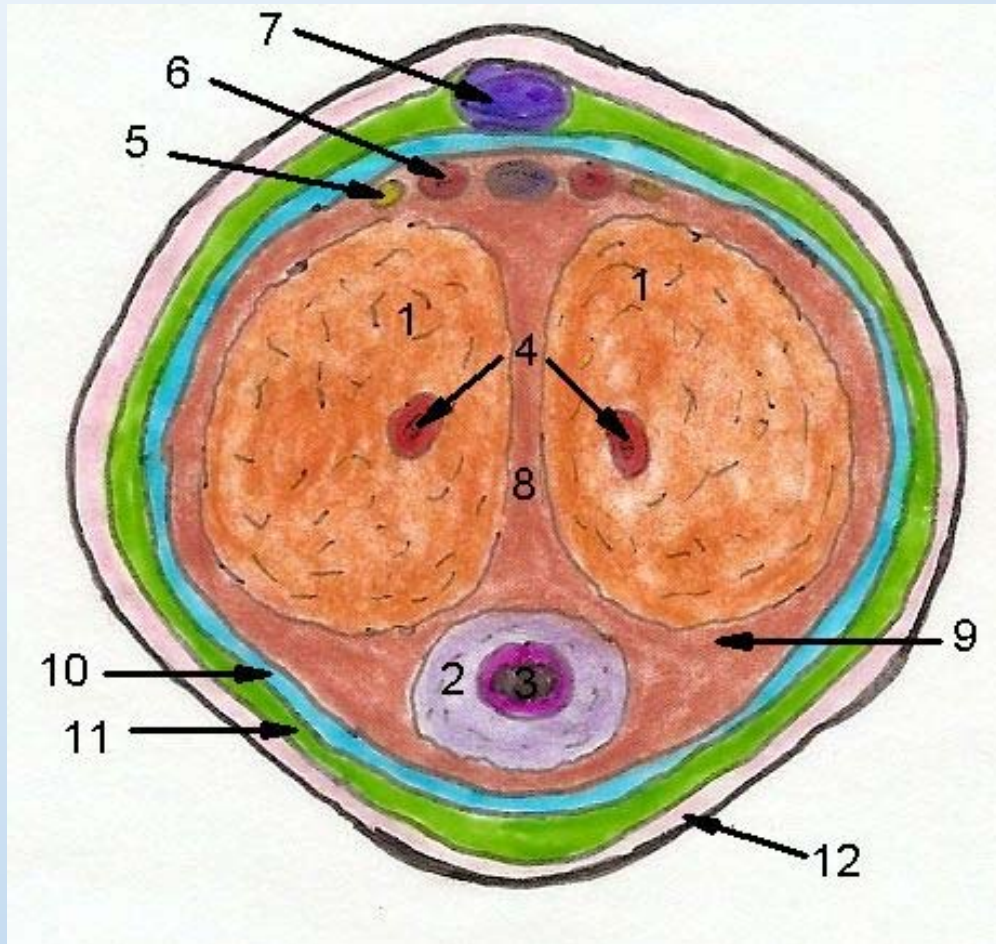
Posterior View



The Anatomy of the Penis



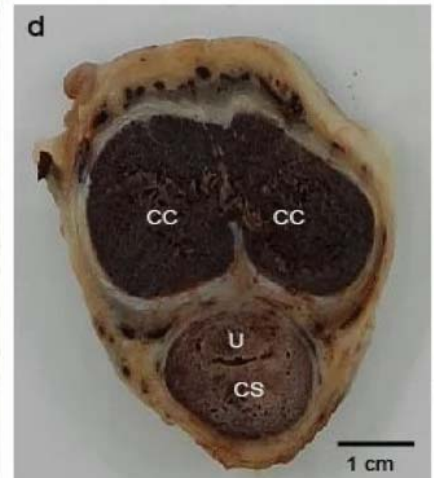
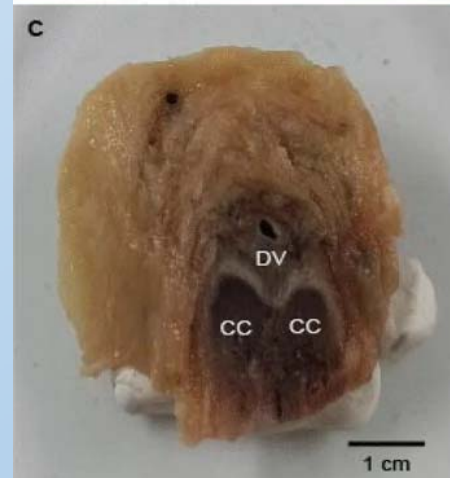
Cross Section of the Penis



Structures

- 1 Corpora cavernosa
- 2 Corpus spongiosum
- 3 Penile urethra
- 4 Deep artery
- 5 Dorsal nerve
- 6 Dorsal artery
- 7 Superficial dorsal vein
- 8 Septum of penis
- 9 Tunica albuginea
- 10 Deep fascia
- 11 Loose areolar CT
- 12 Skin of penis

The Penis



The Penis



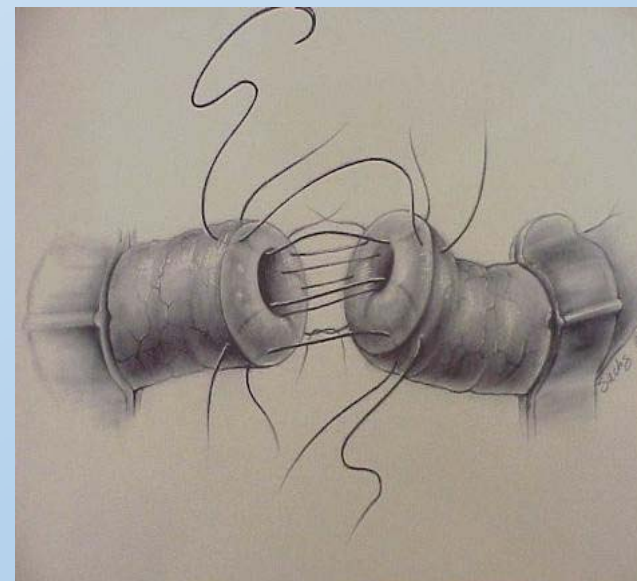
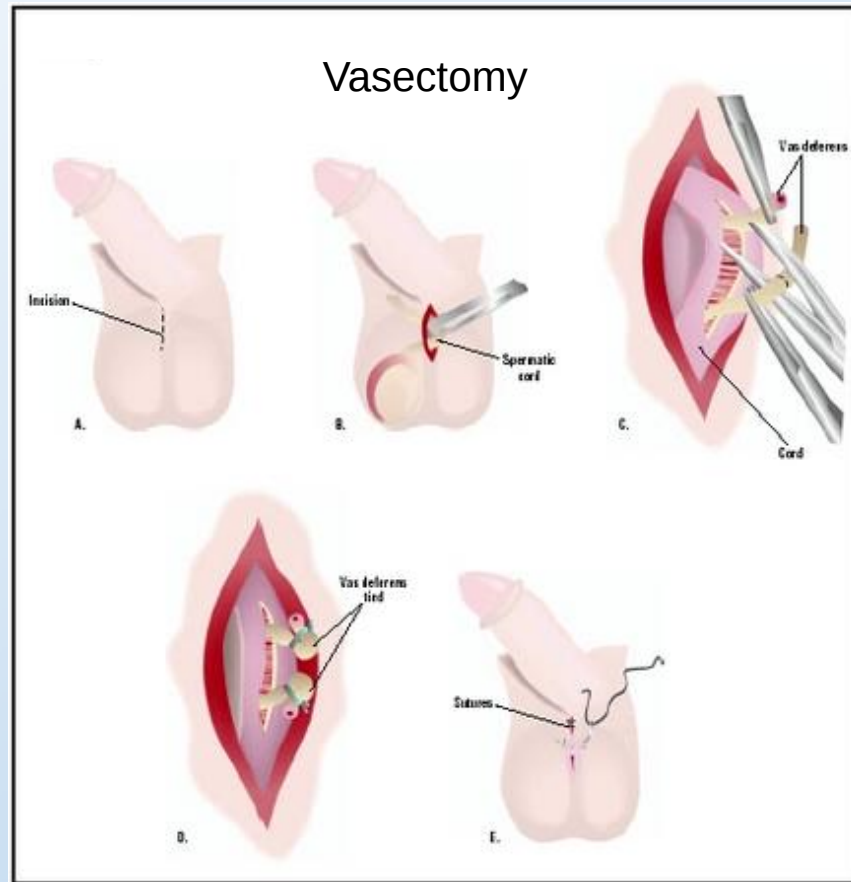
Male
sexual
function



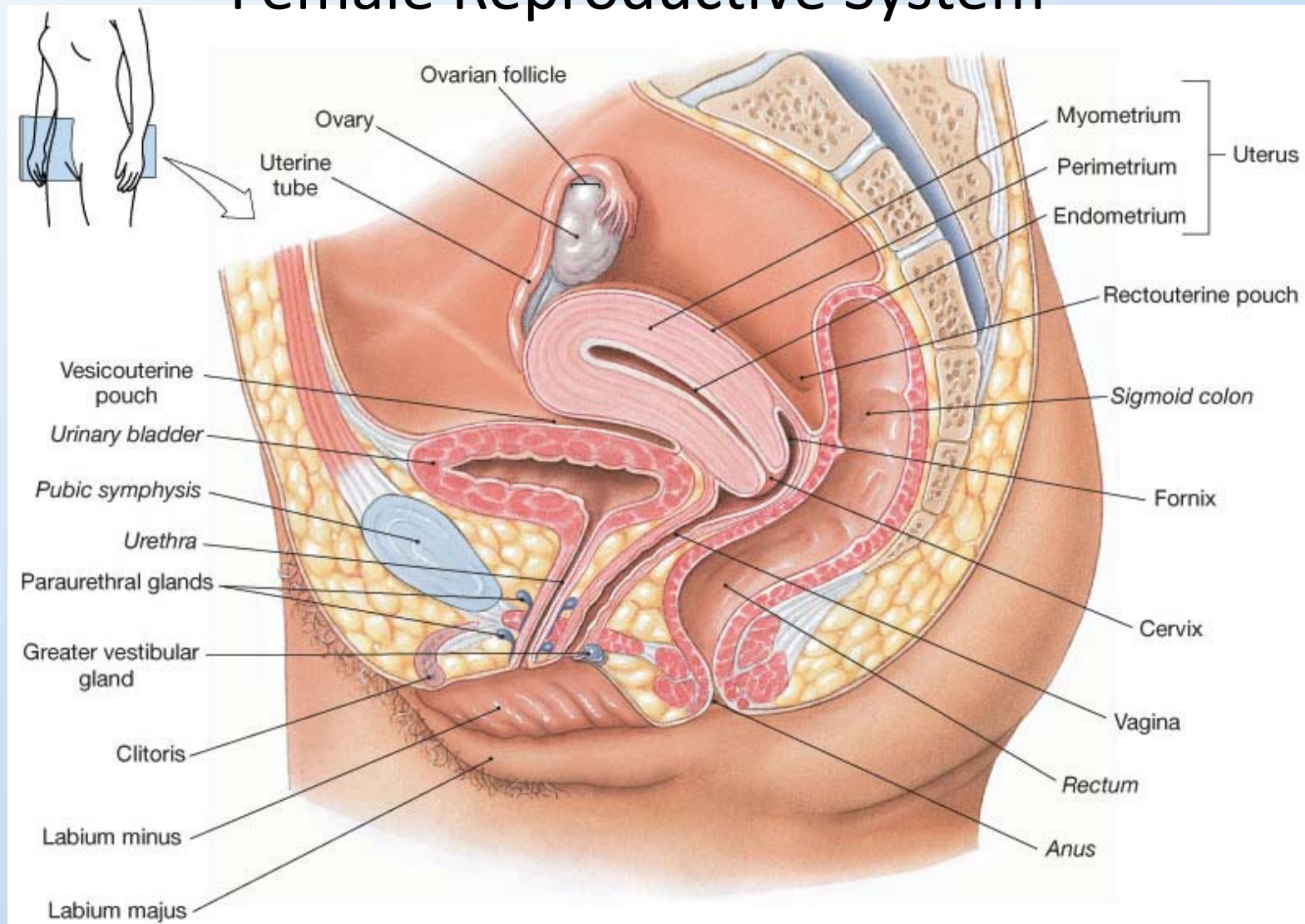
The Glans



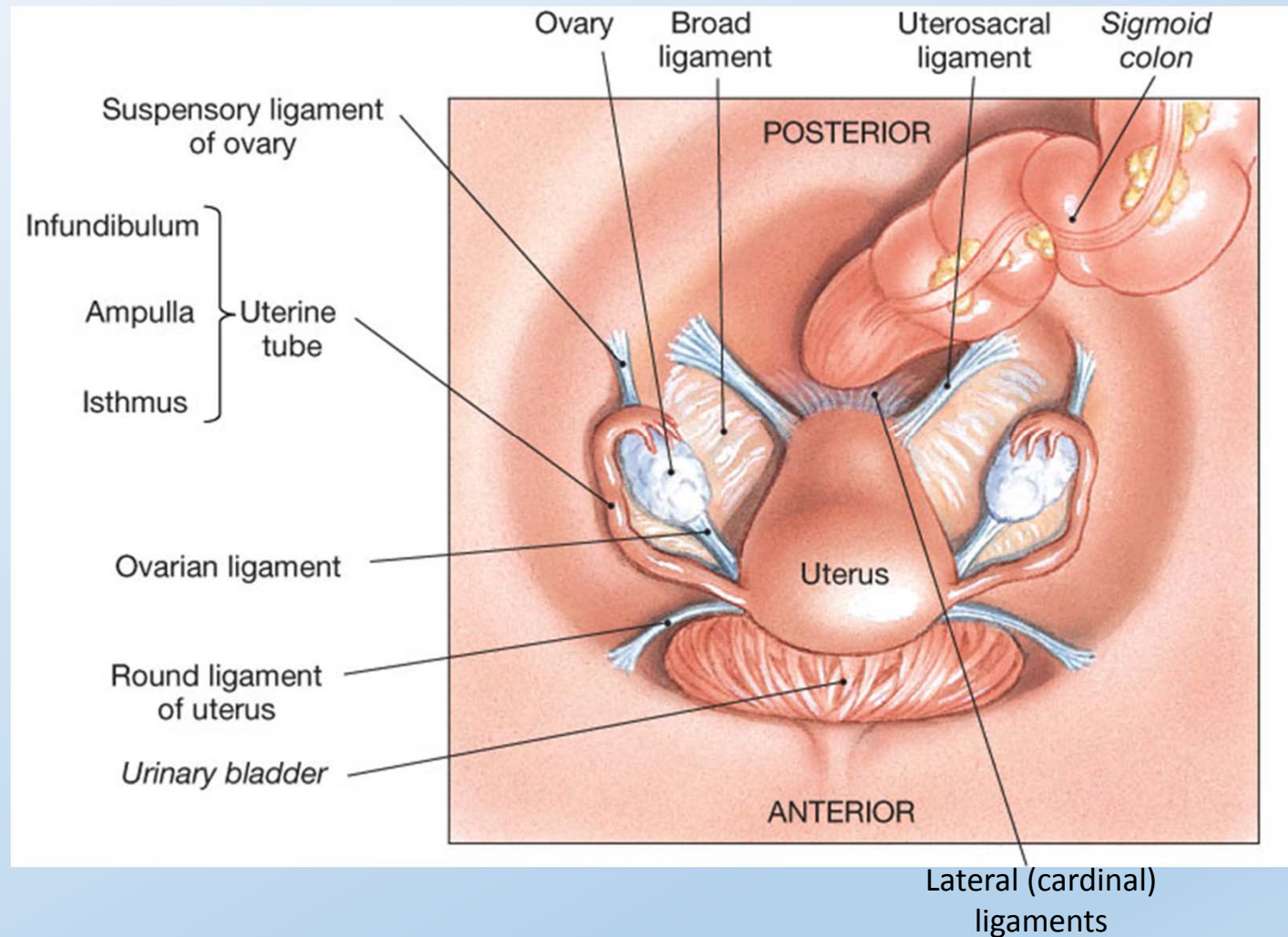
Vasectomy



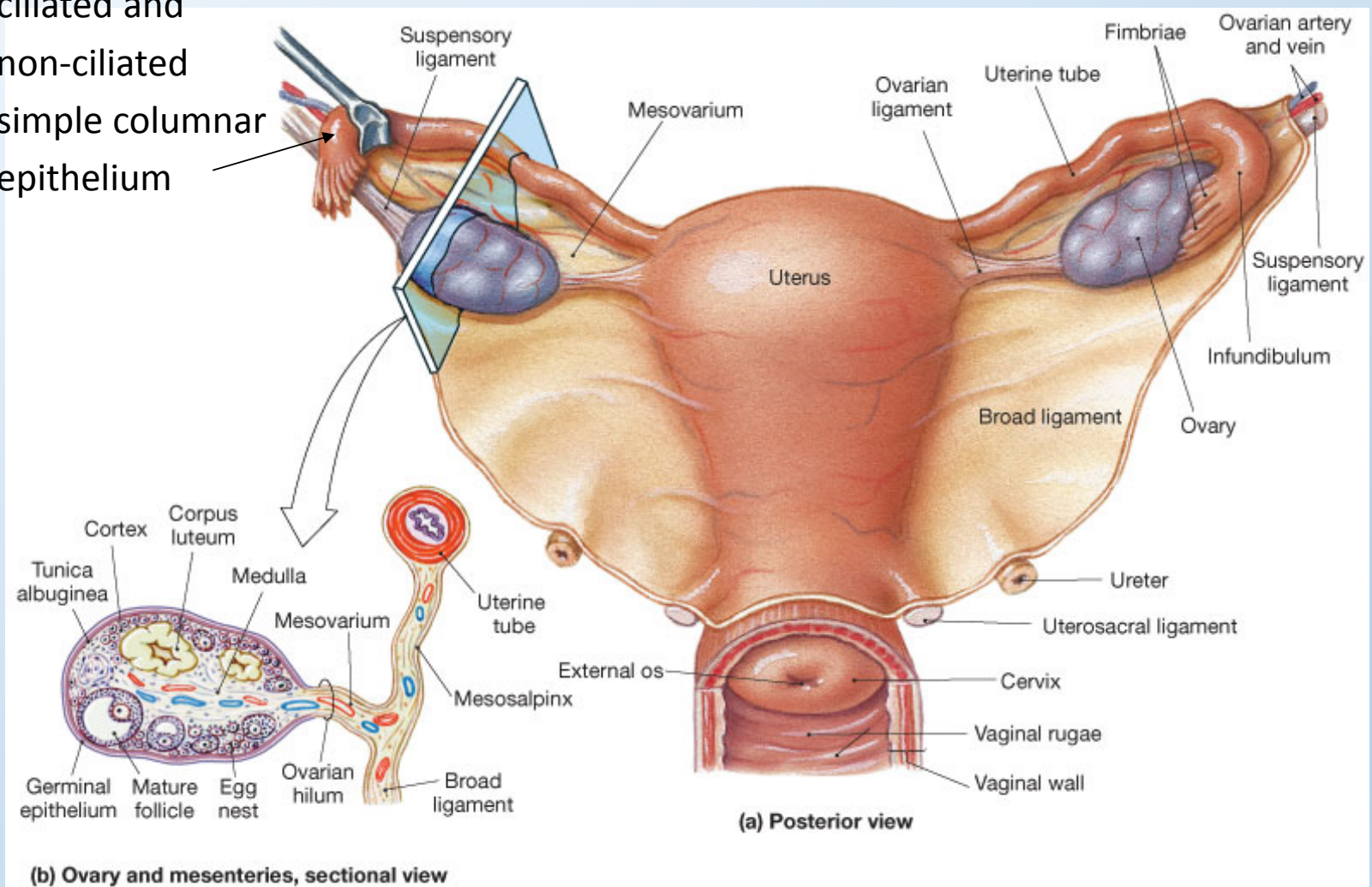
Female Reproductive System



Superior View of Female Reproductive System Ligaments



ciliated and
non-ciliated
simple columnar
epithelium



Suspensory ligament

Uterine tube:

Fimbriae

Infundibulum

Ampulla

Ovary

Ovarian ligament

Round ligament

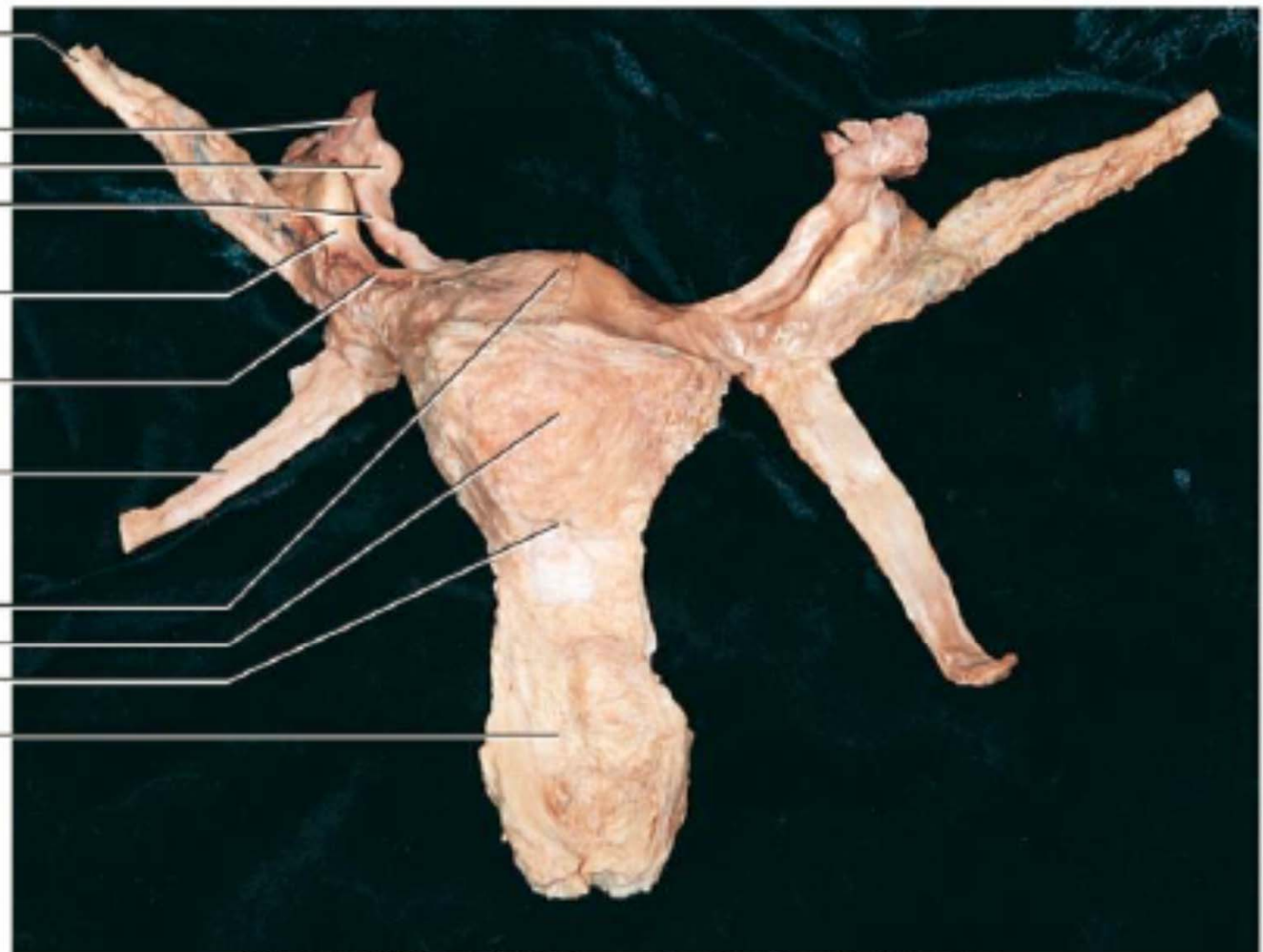
Uterus:

Fundus

Body

Cervix

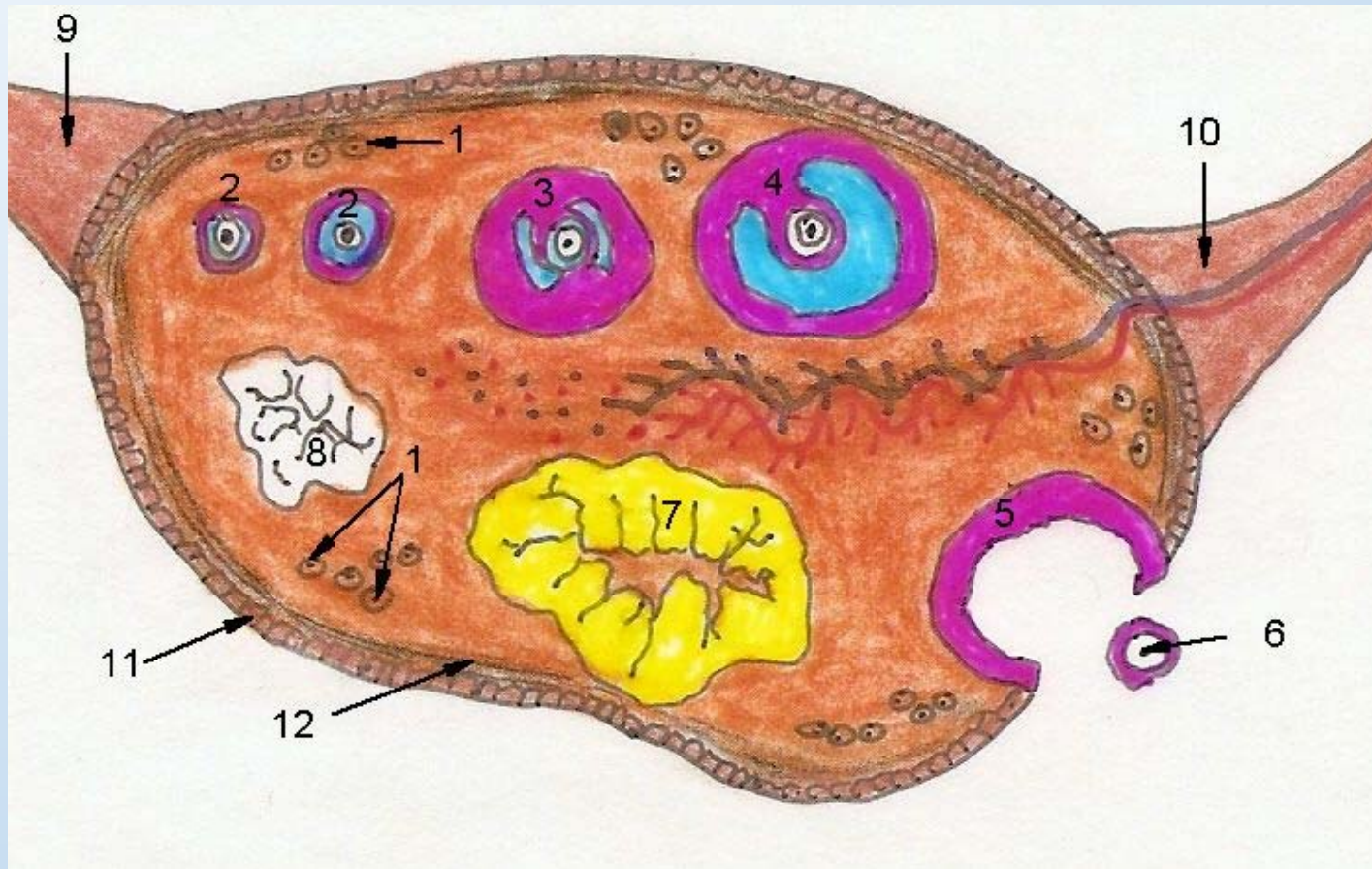
Vagina

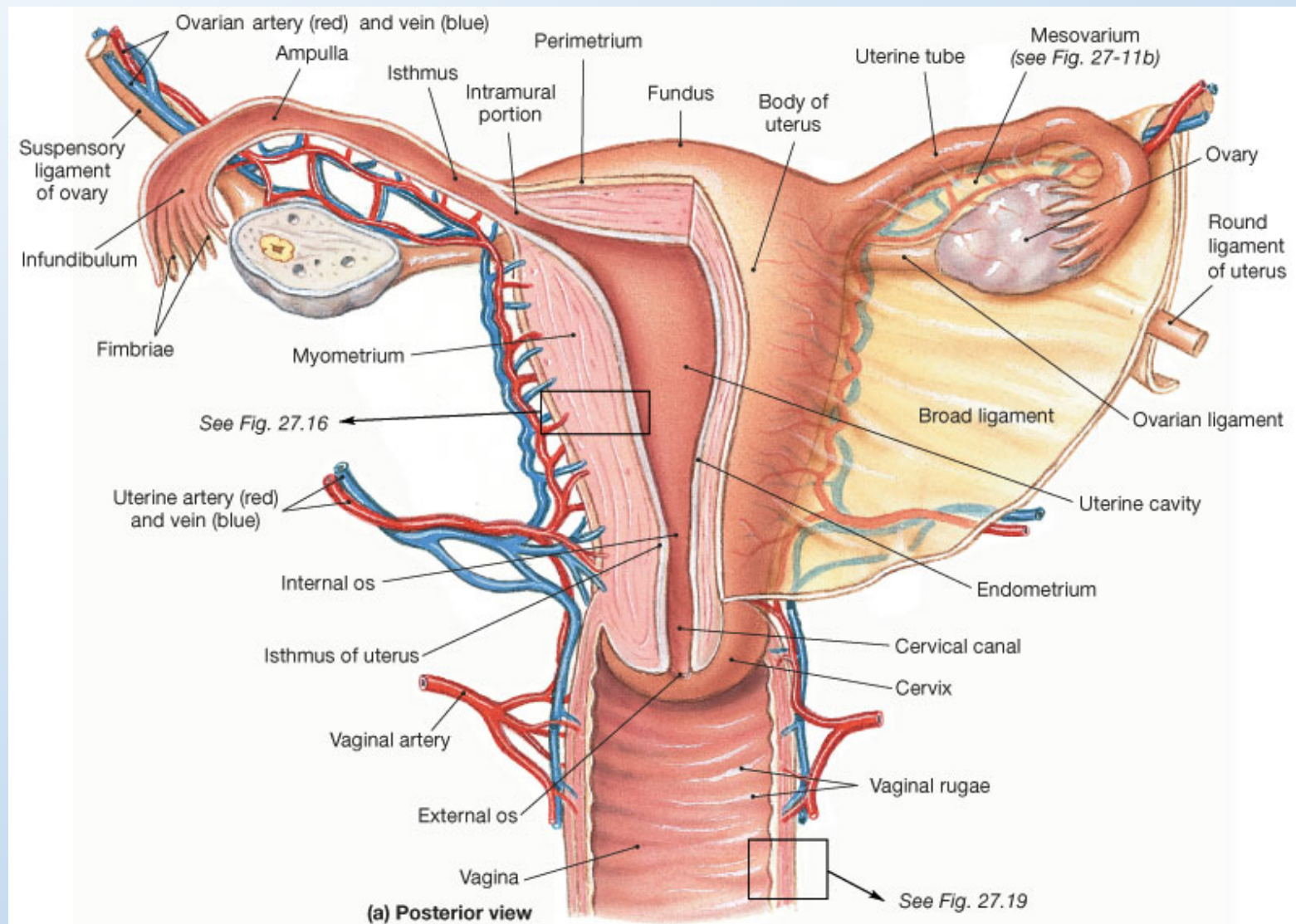


(c)

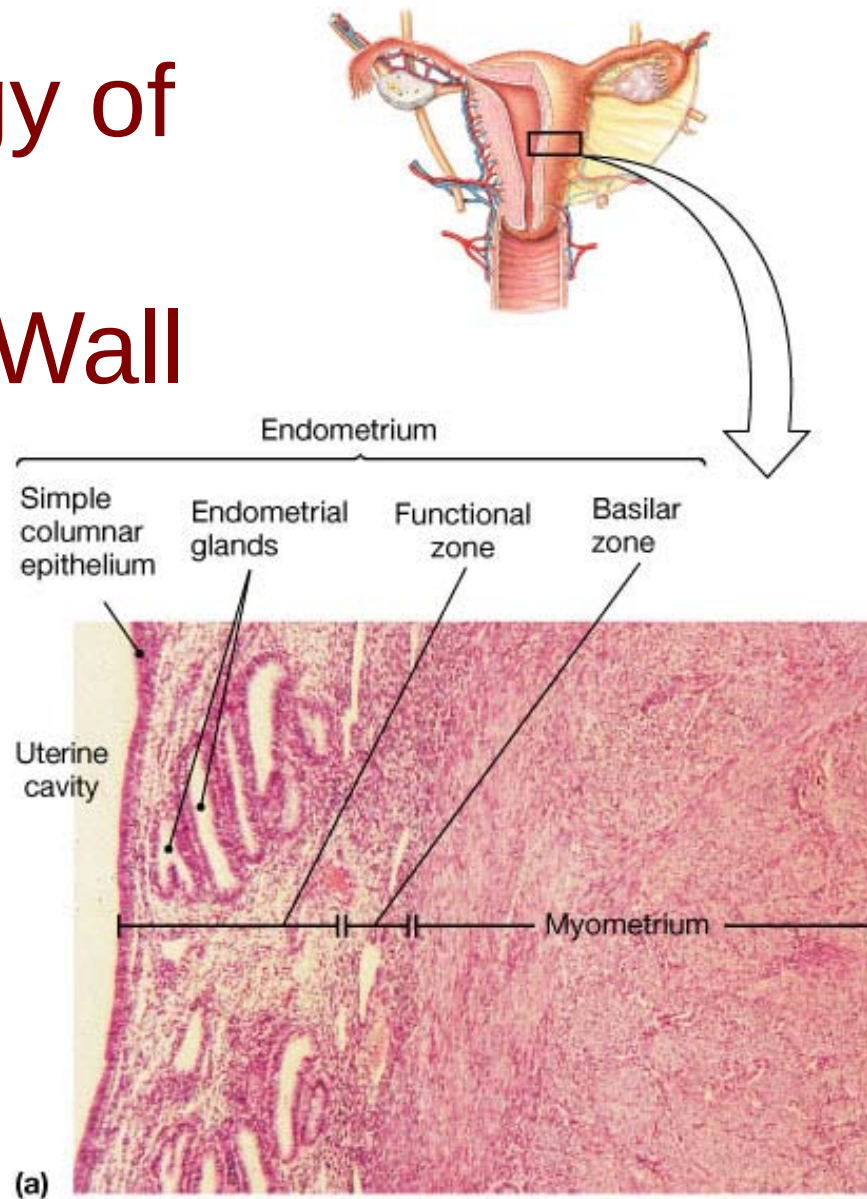
c: ©McGraw-Hill Education/Rebecca Gray/Don Kincaid, dissections

Frontal section of the Ovary

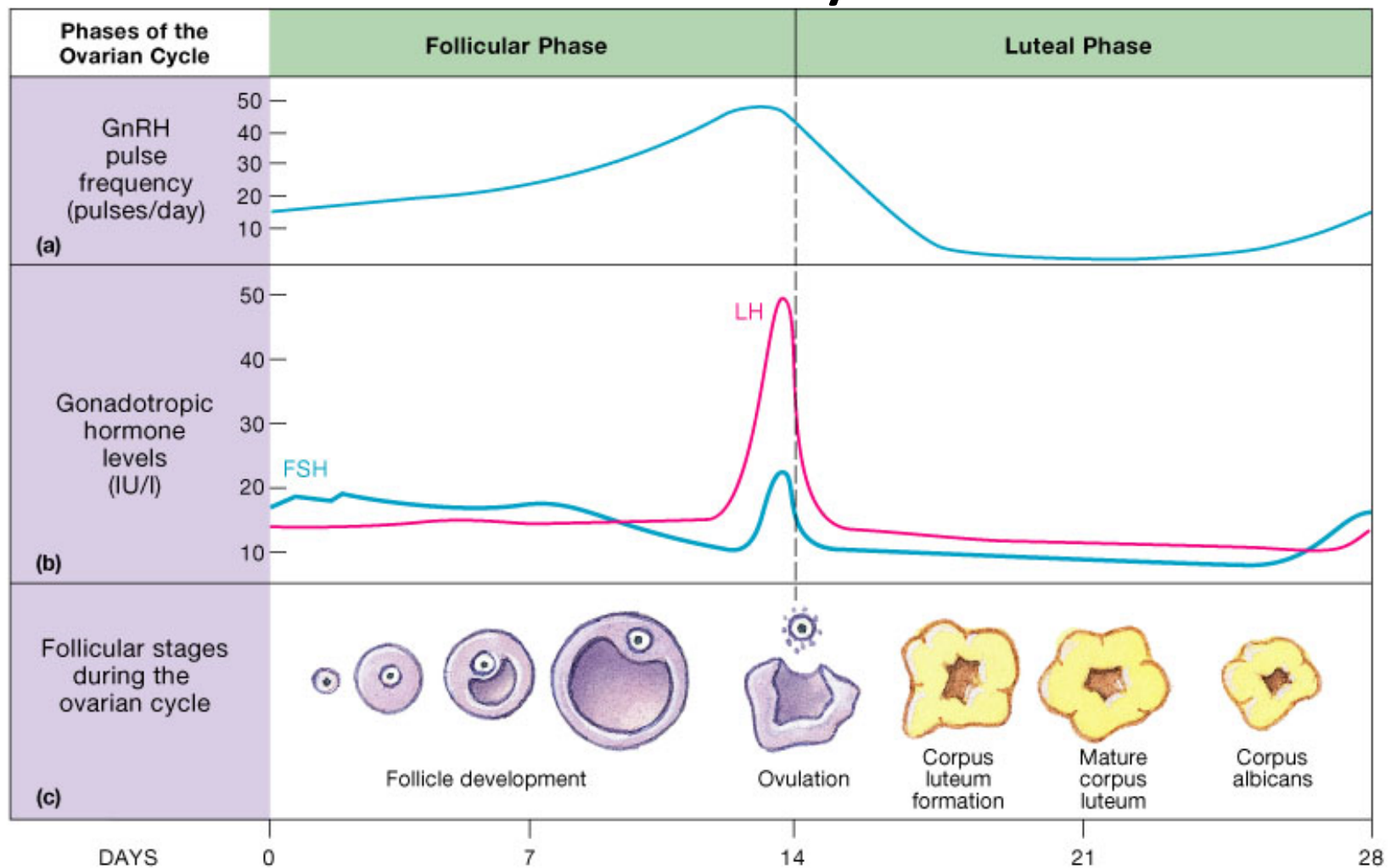




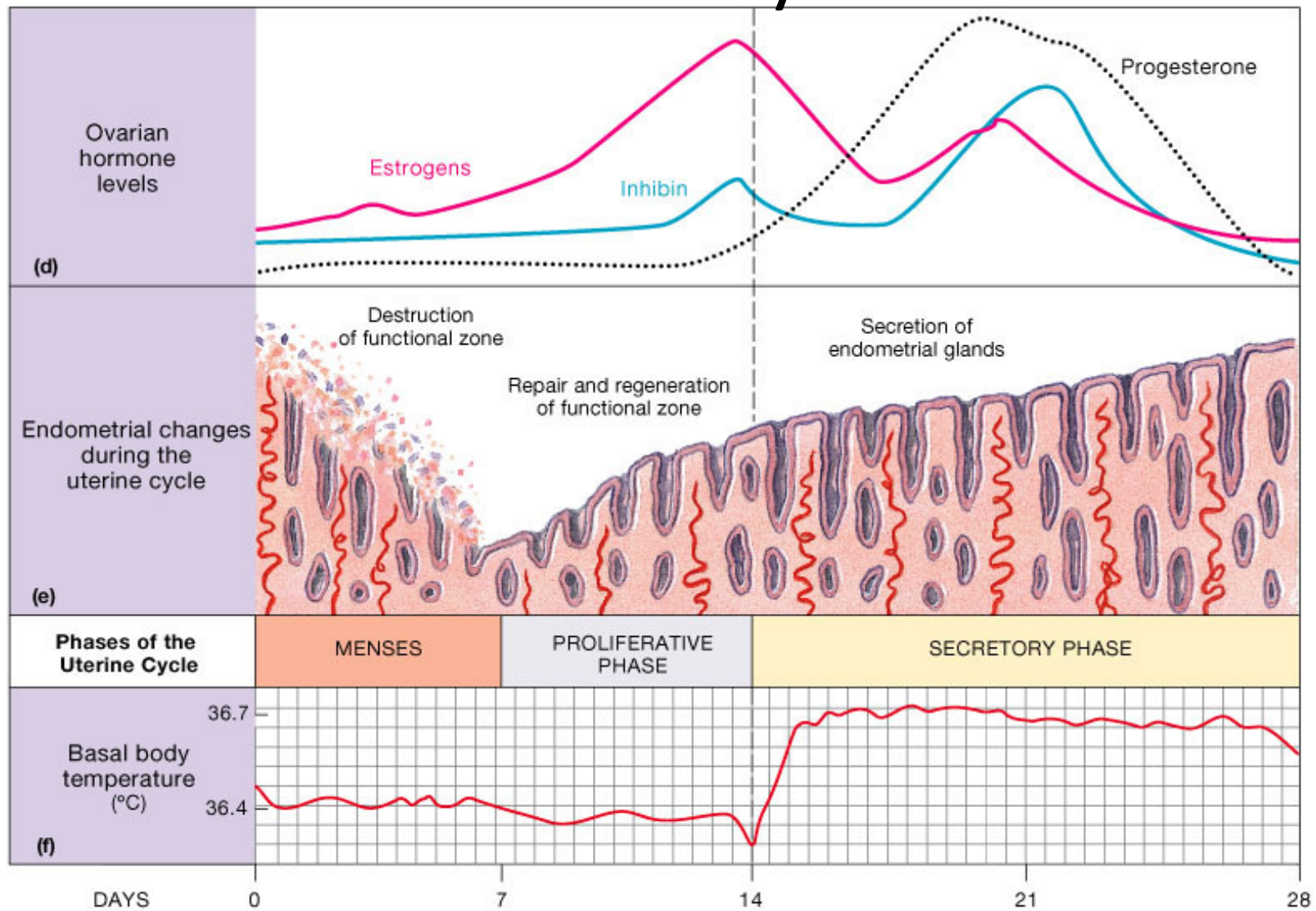
Histology of the Uterine Wall



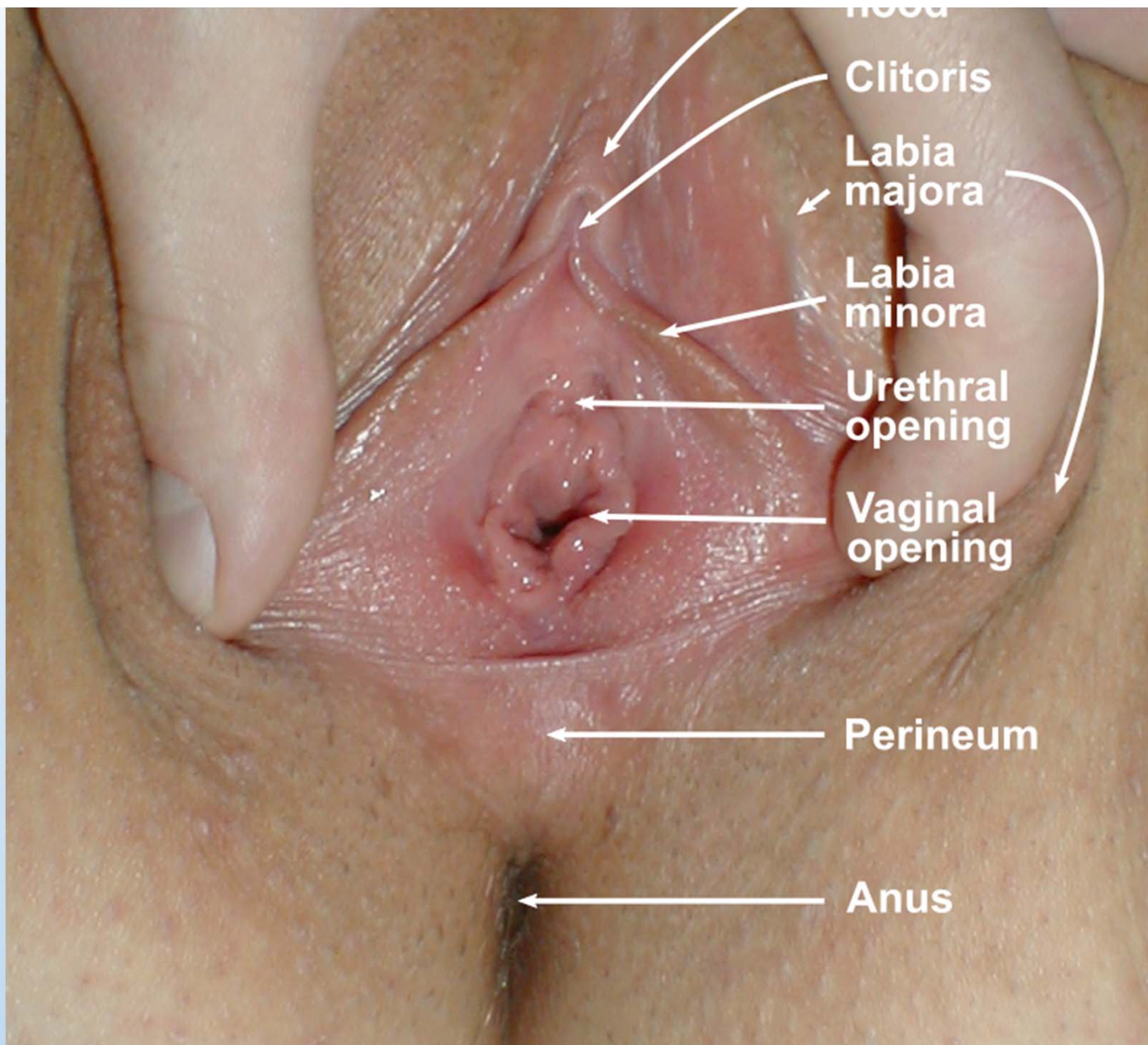
Ovarian Cycle



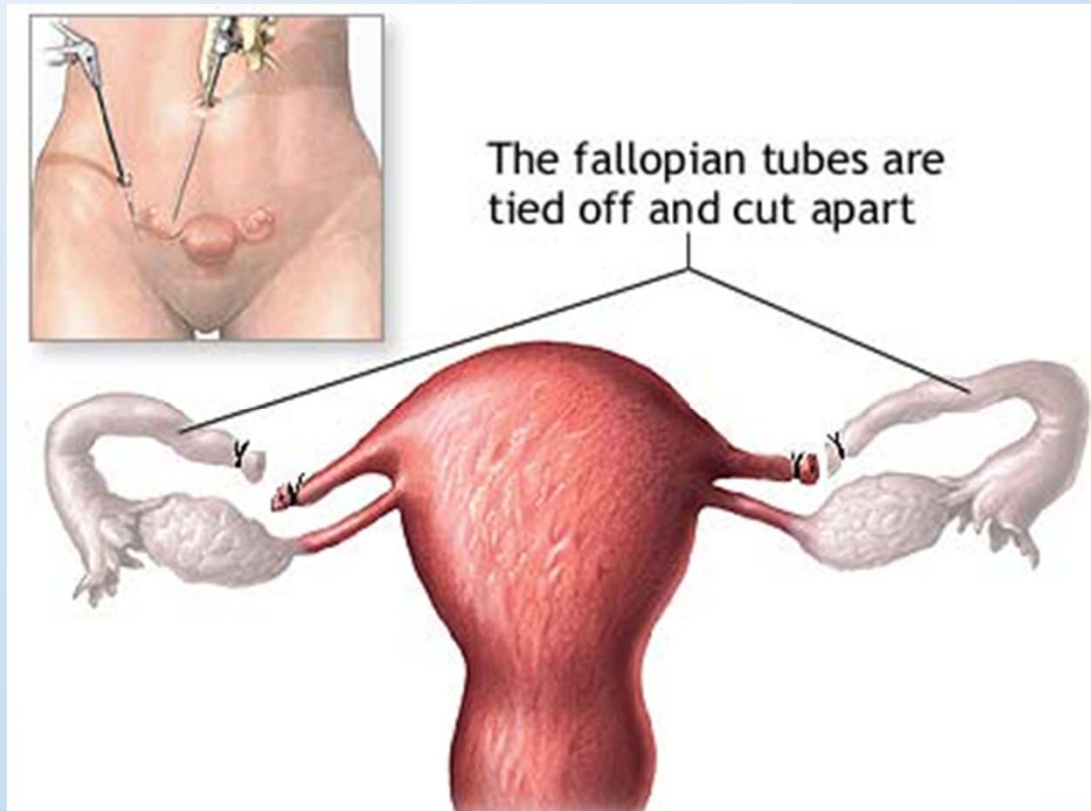
Uterine Cycle

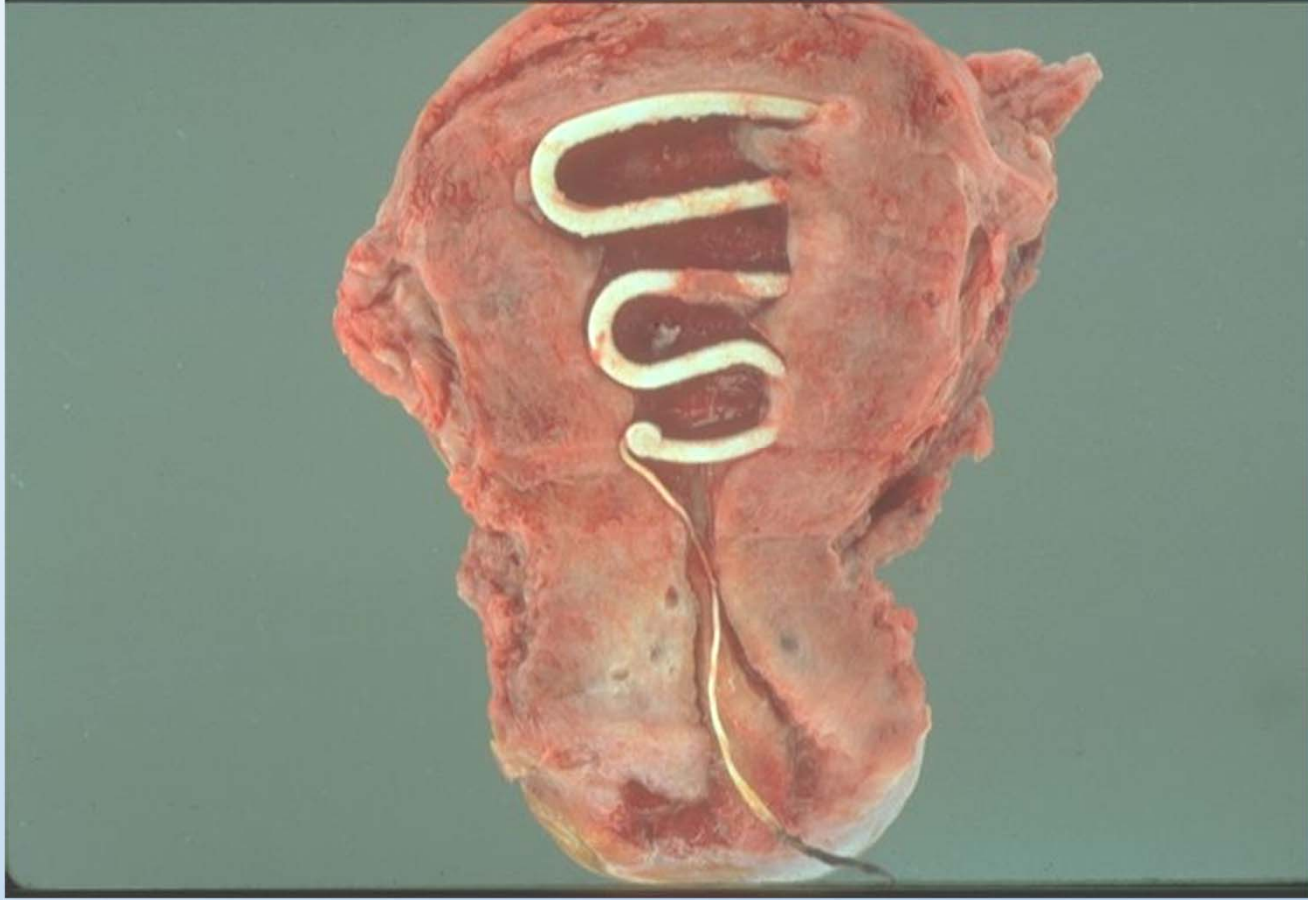


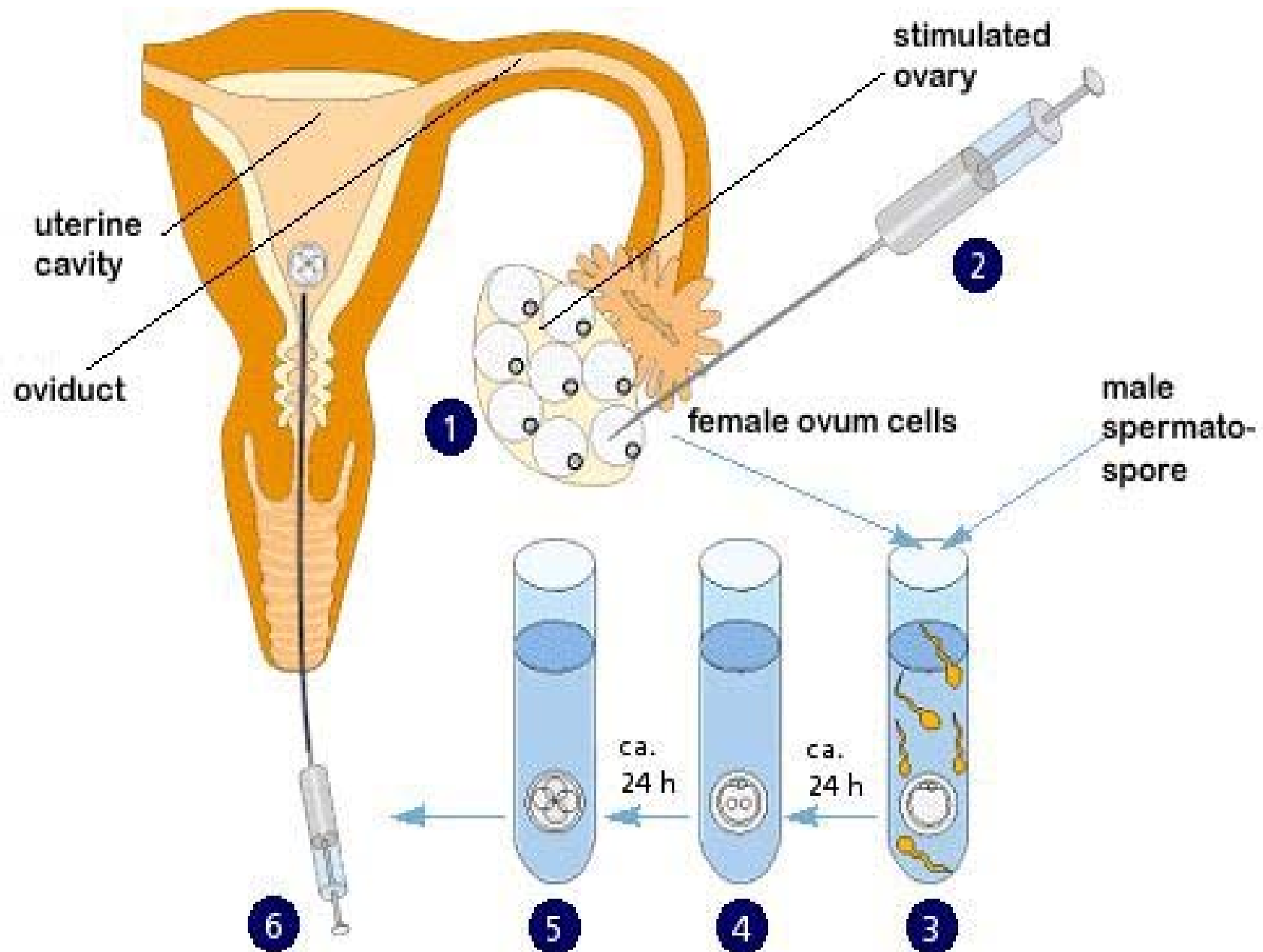




Tubal Ligation

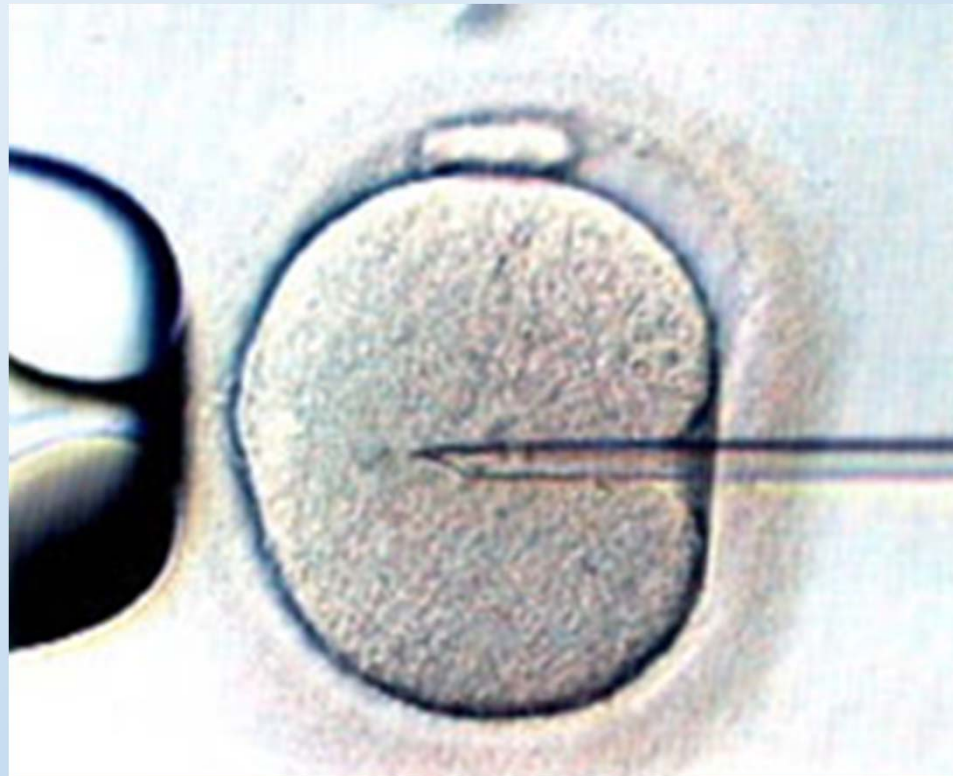




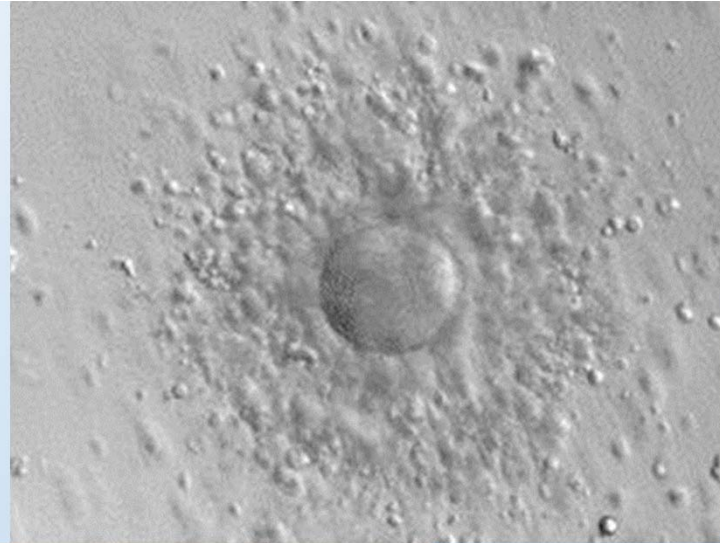


ICSI

Stands for intracytoplasmic sperm injection



**Oocytes with
granulosa cells**



8-cell embryo for transfer



INACTIVE BREAST

Adipose tissue

Lactiferous
duct system

Lactiferous
sinus

Opening
of sinus

LACTATING BREAST

Adipose tissue

Enlarged
secretory lobules

Elaborate
duct system

Myoepithelial cell

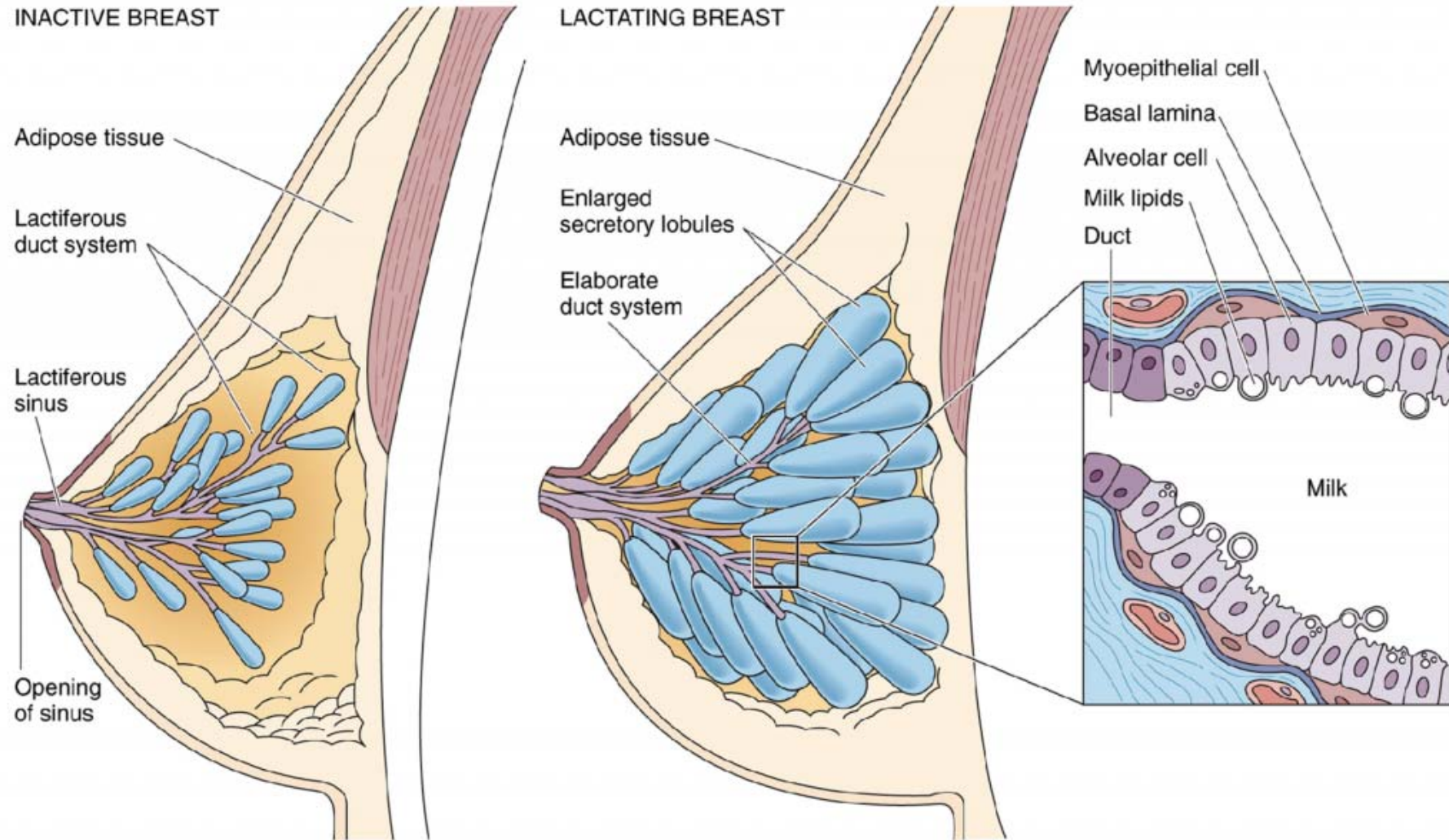
Basal lamina

Alveolar cell

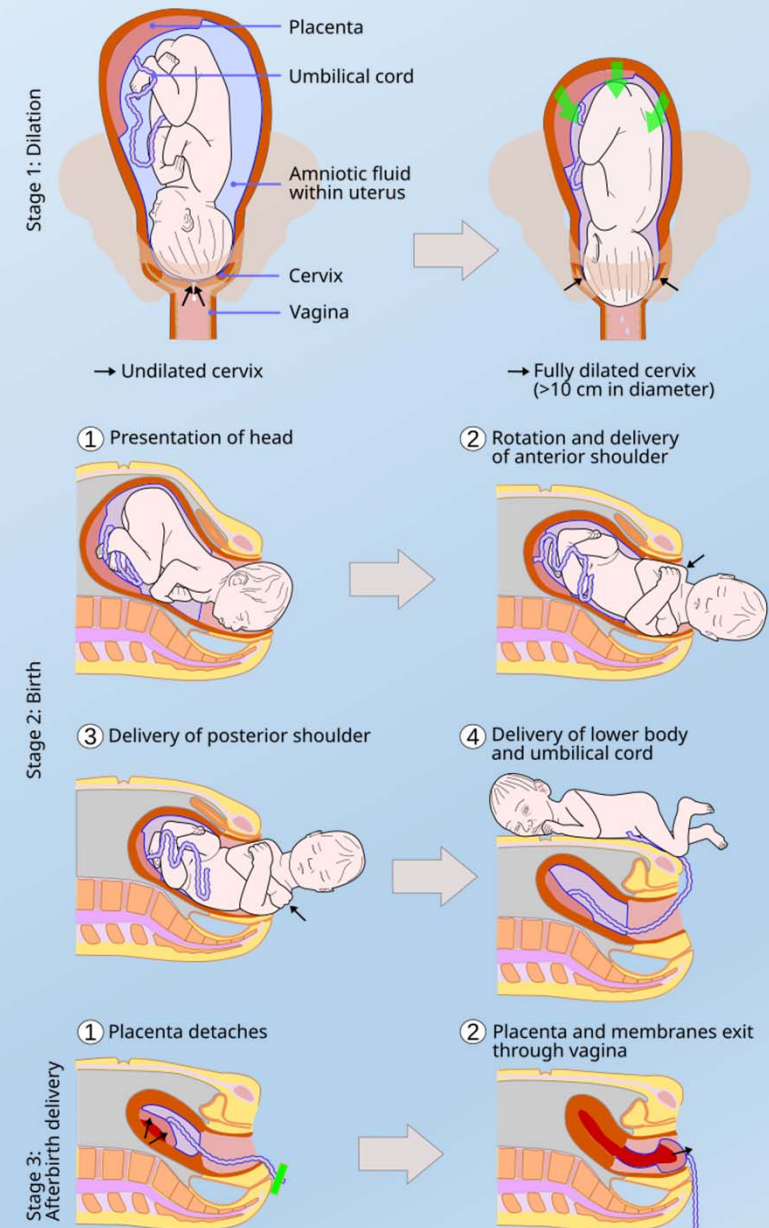
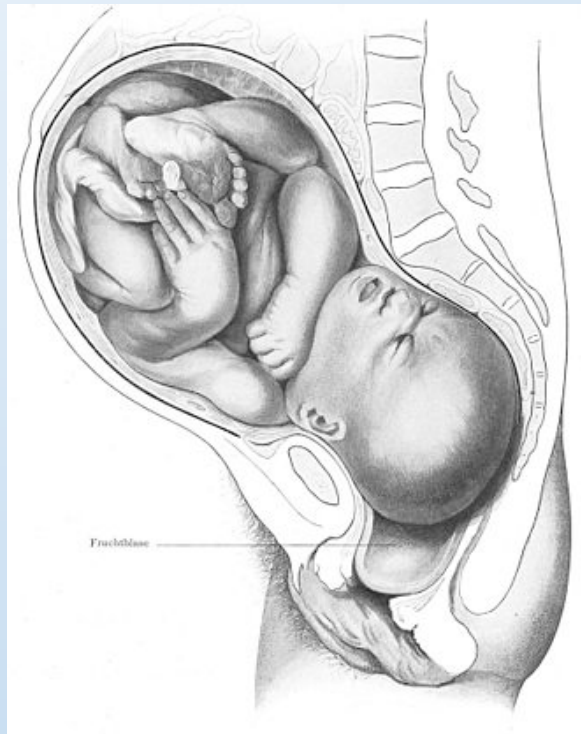
Milk lipids

Duct

Milk



Child Birth



Caesarean section

