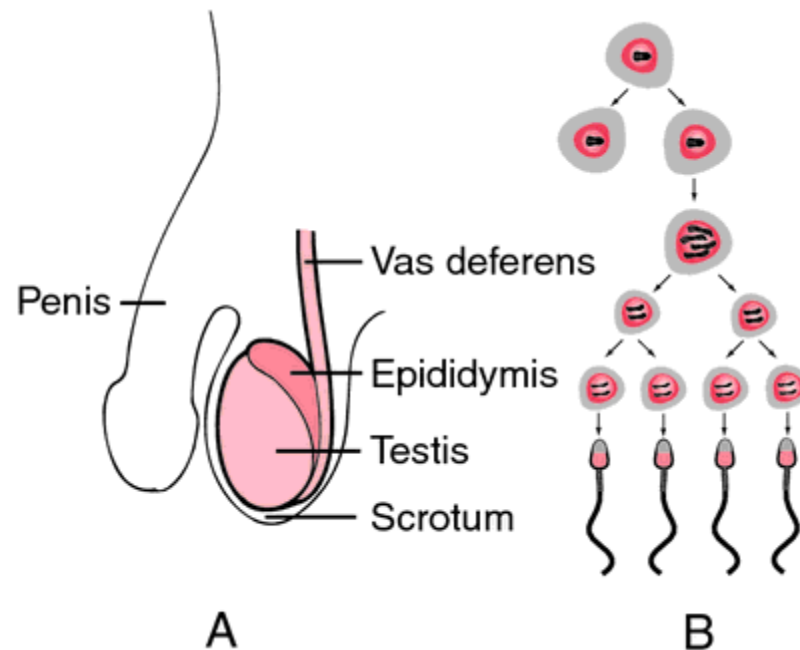
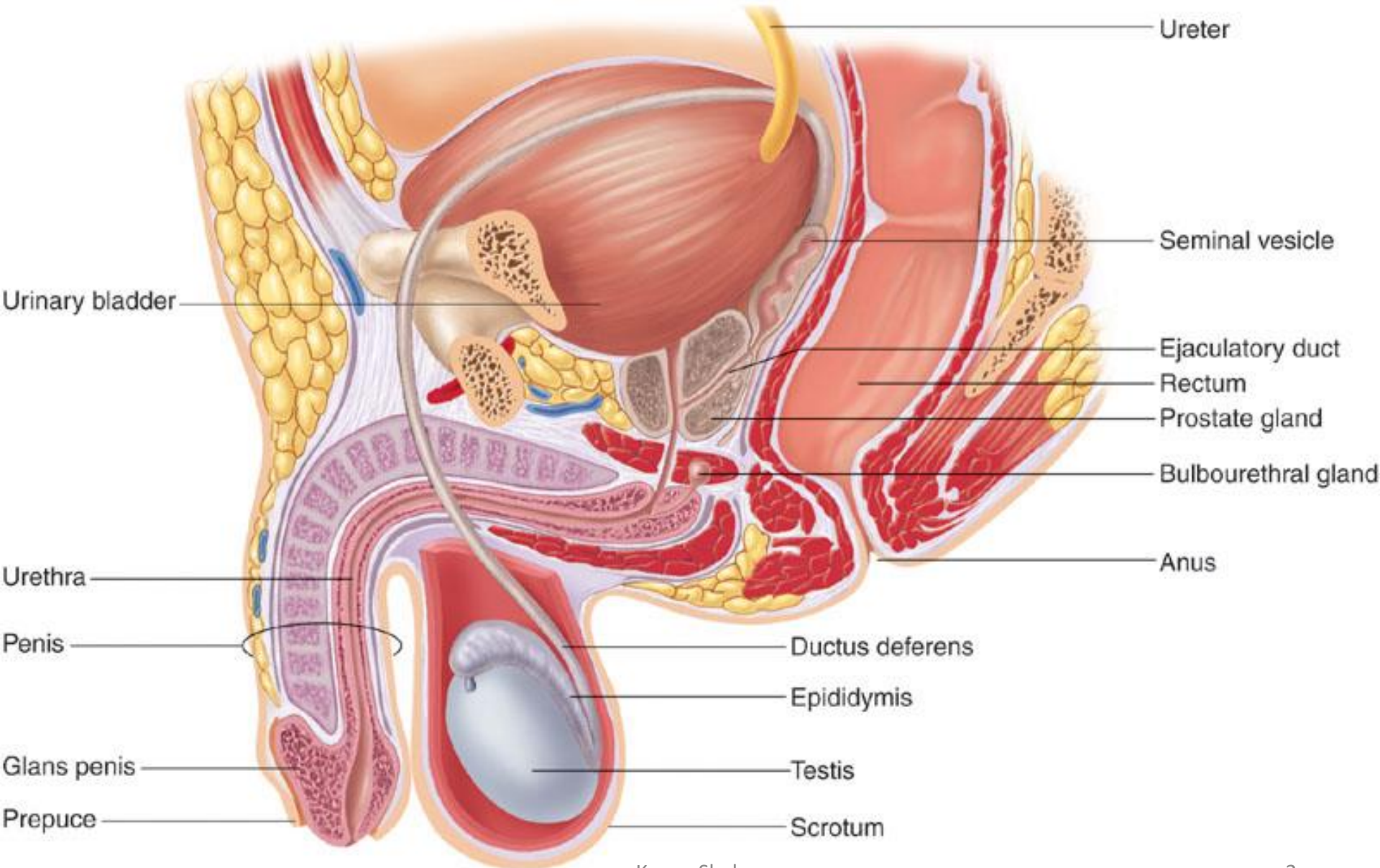


# TESTIS

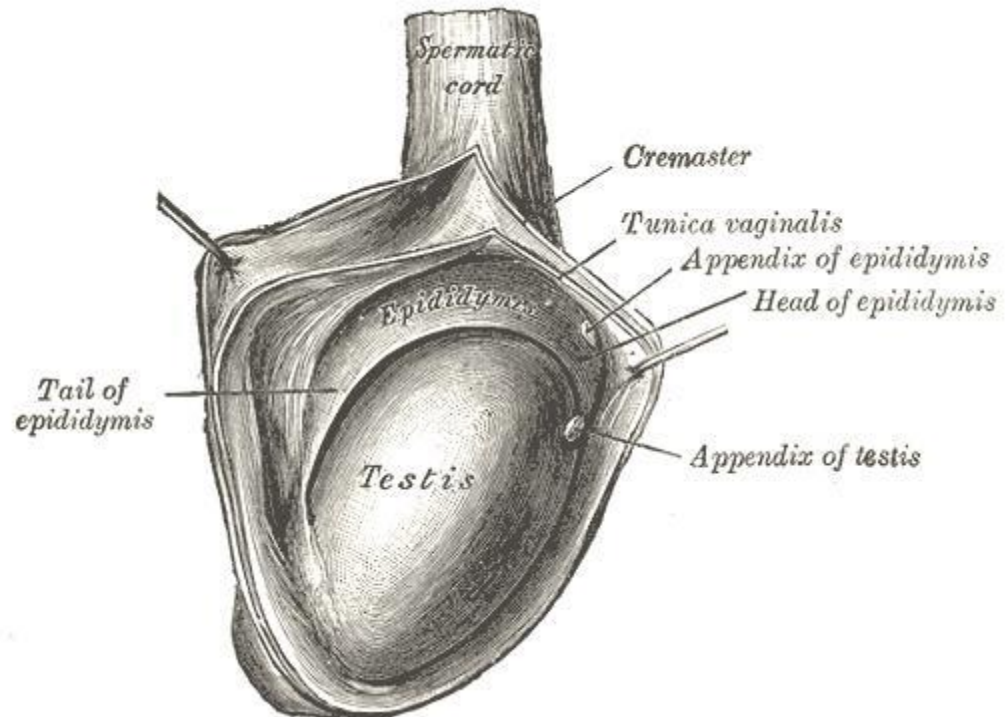


Pair of male reproductive organ  
Ellipsoid in form, suspended in  
scrotum by spermatic cord



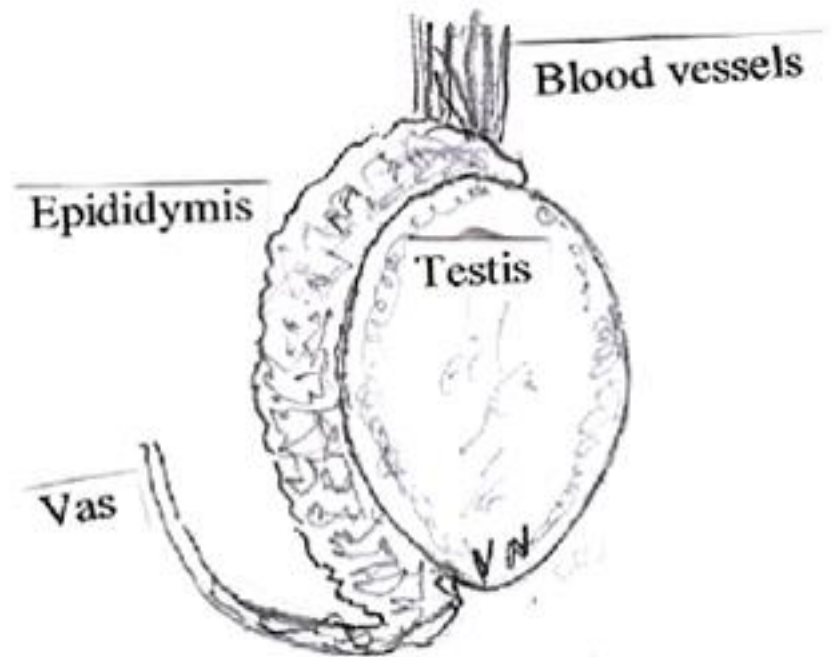
# Measurements

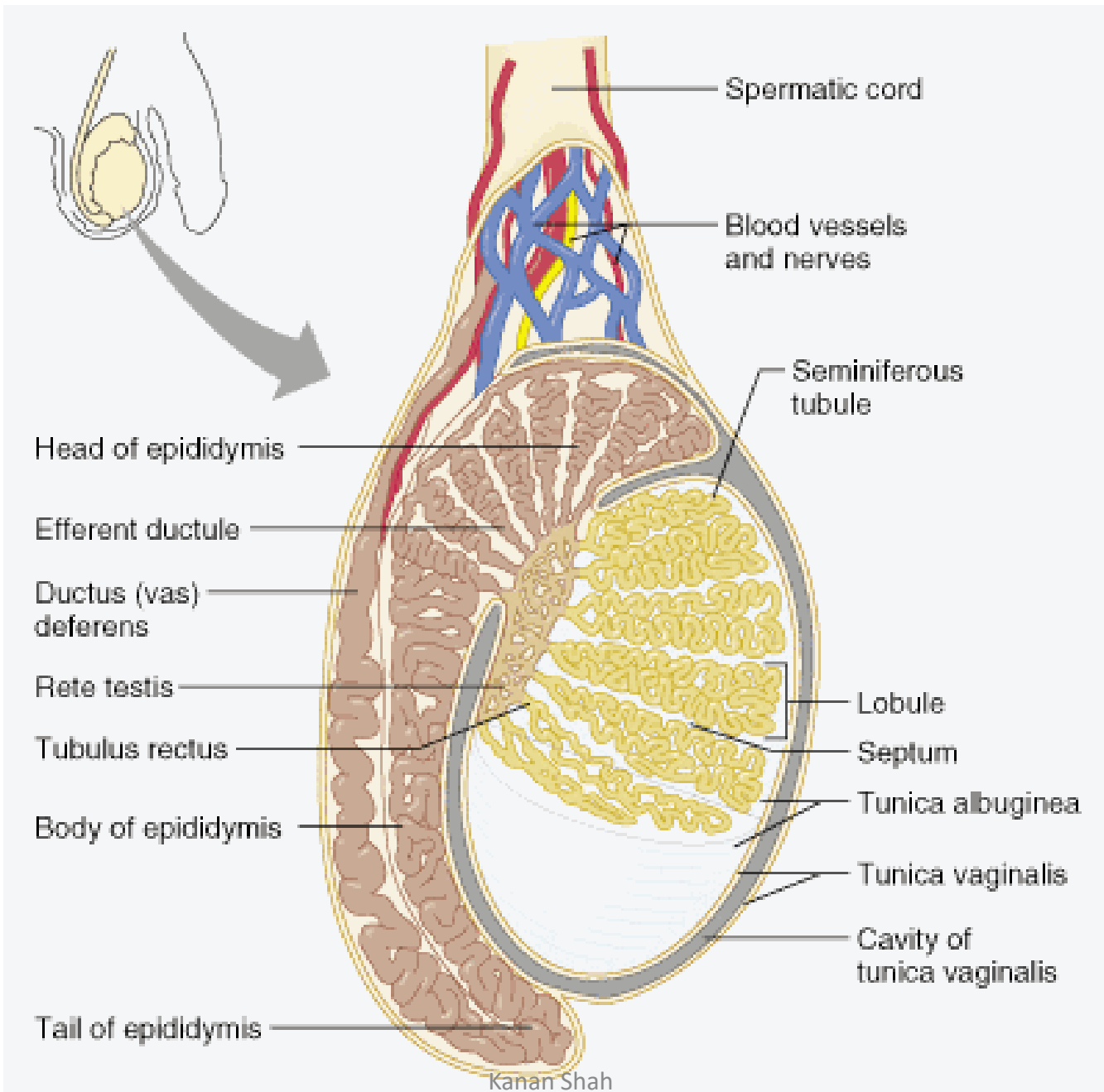
- Length---5cm
- Breadth---2.5cm
- Thickness---3cm
- Weight—10.5—  
14 gms

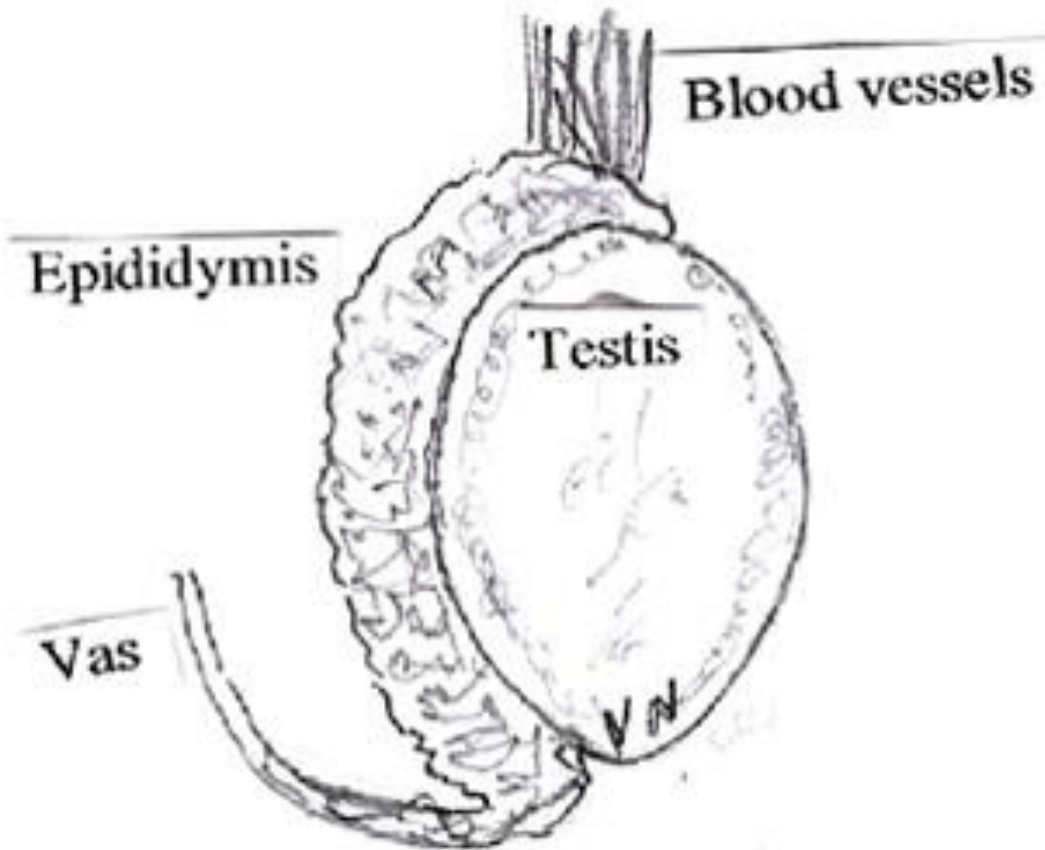


# Presenting parts

- Two ends—upper & lower
- Two borders---Ant. & Post.
- Two surfaces---Medial & Lateral
- Epididymis







# Coverings

- Extrinsic-----

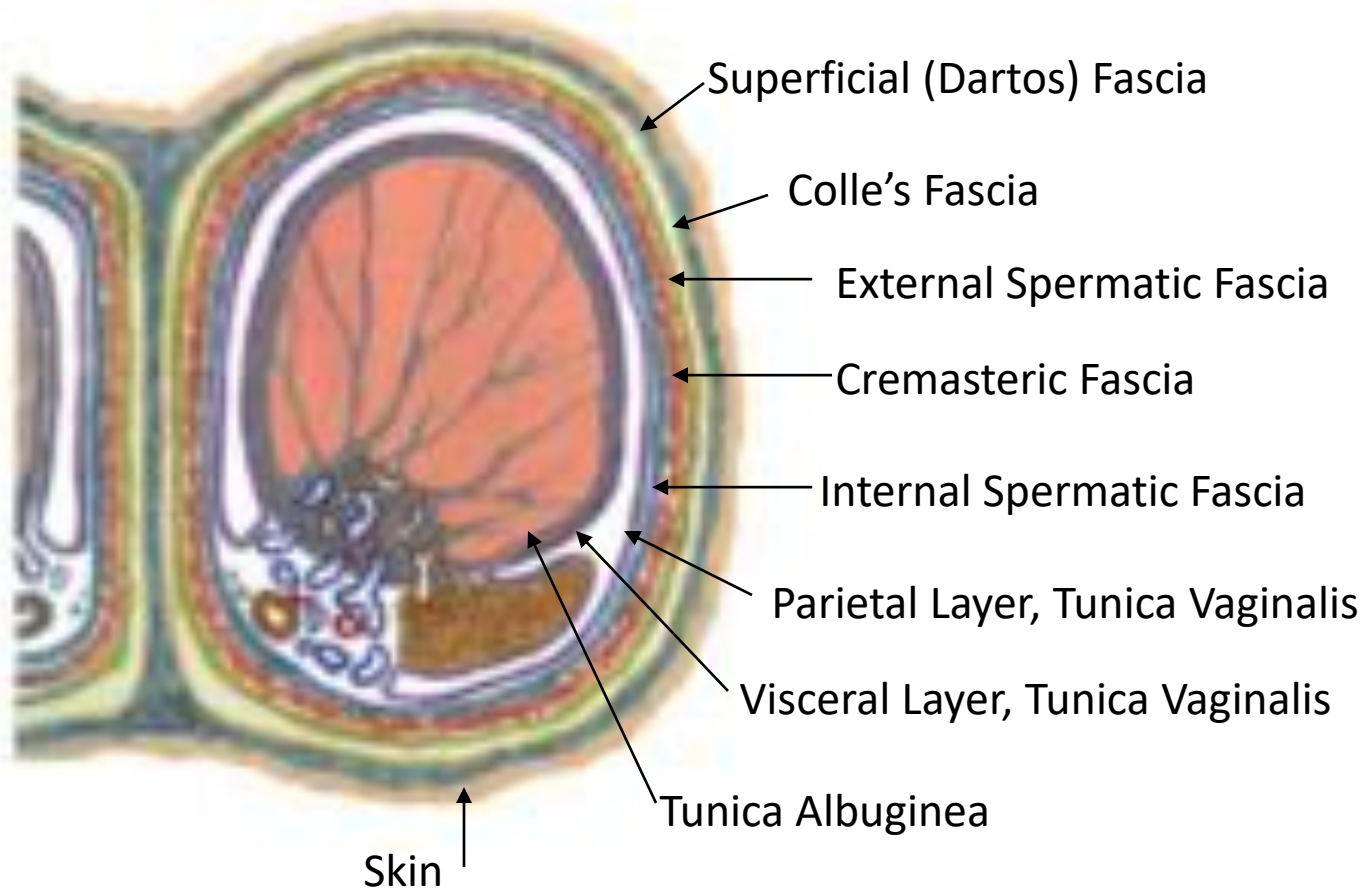
Skin, Dartos muscle, External spermatic fascia, Cremasteric muscle and fascia, Internal spermatic fascia, Parietal layer of tunica vaginalis

- Intrinsic---Visceral layer of tunica vaginalis

Tunica albuginea

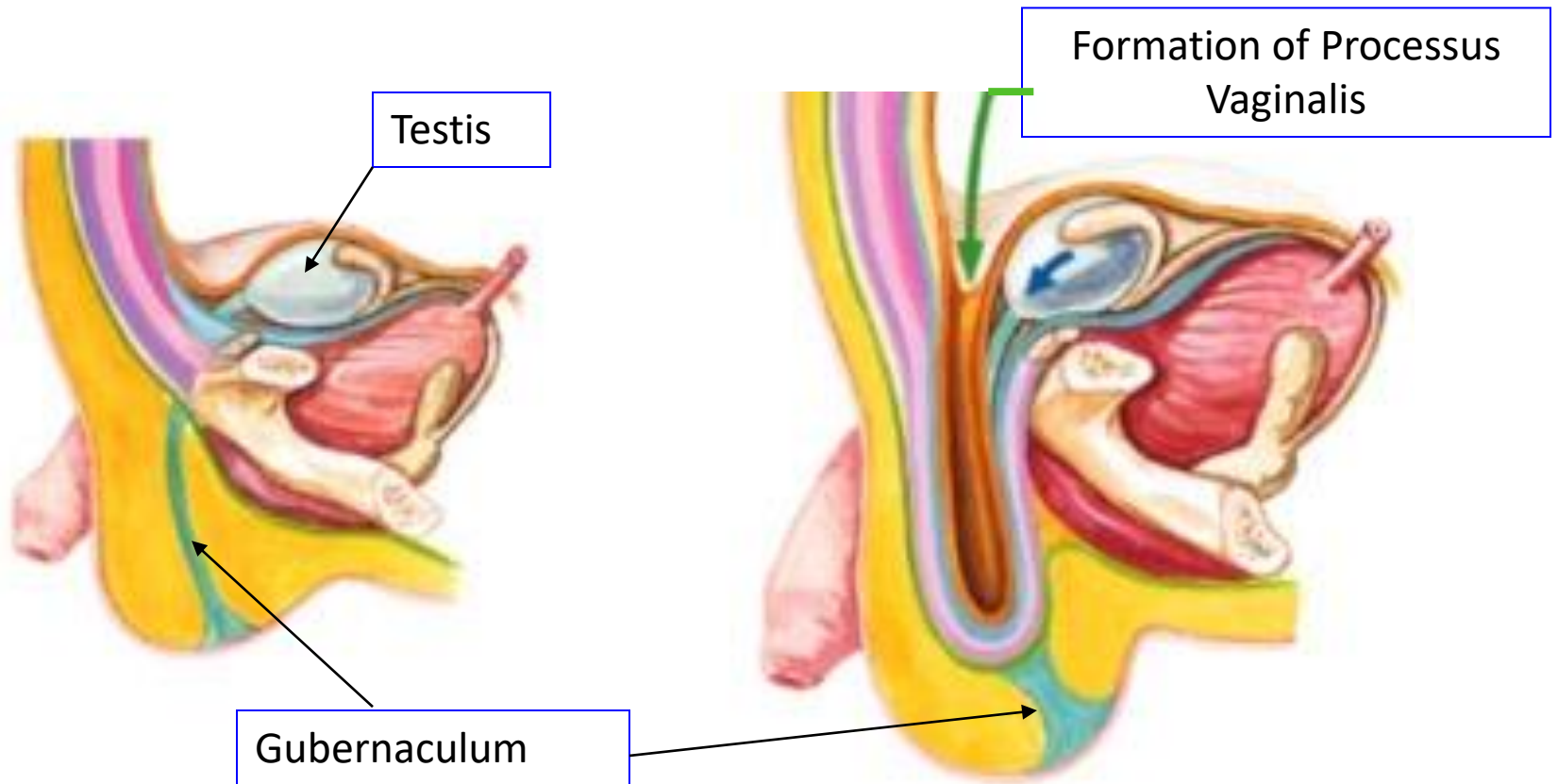
Tunica vasculosa

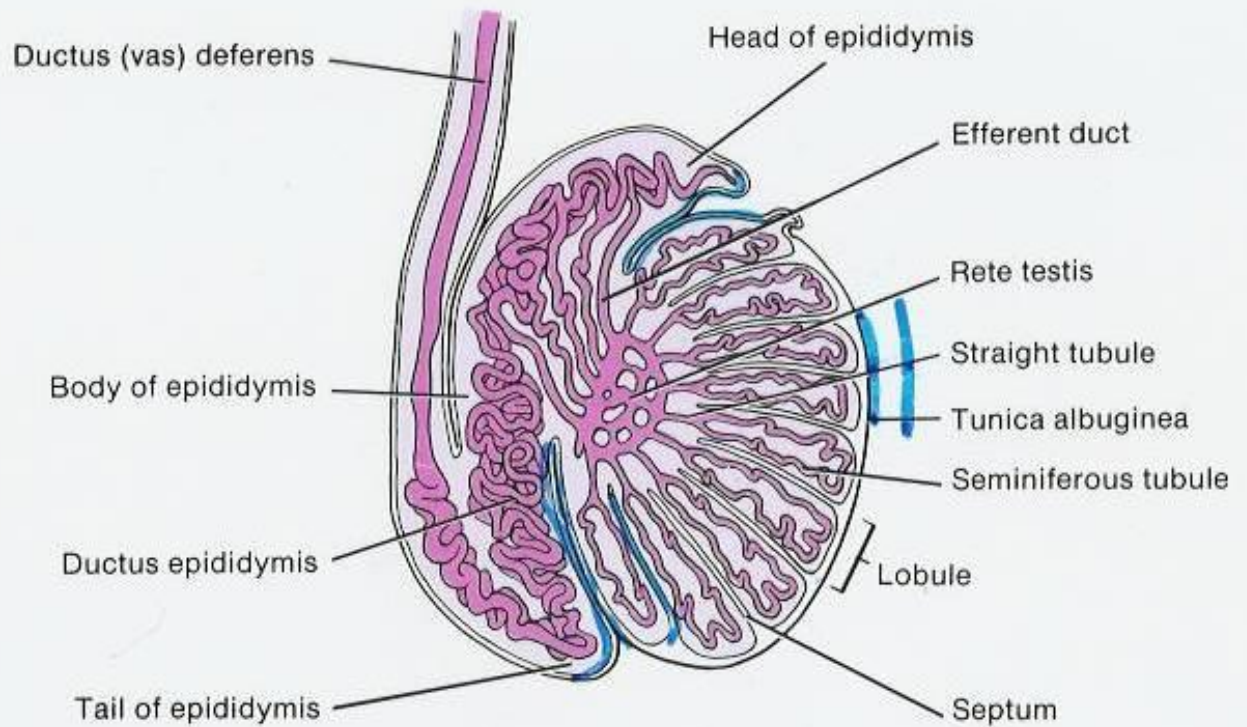
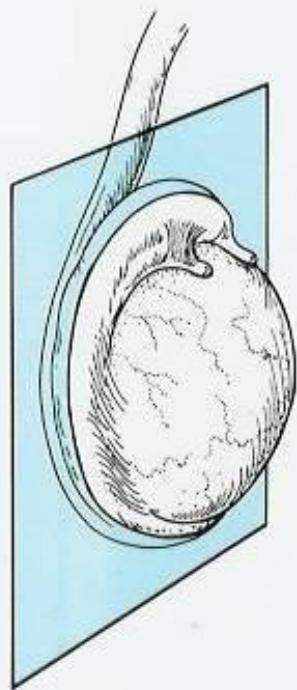
# Covering





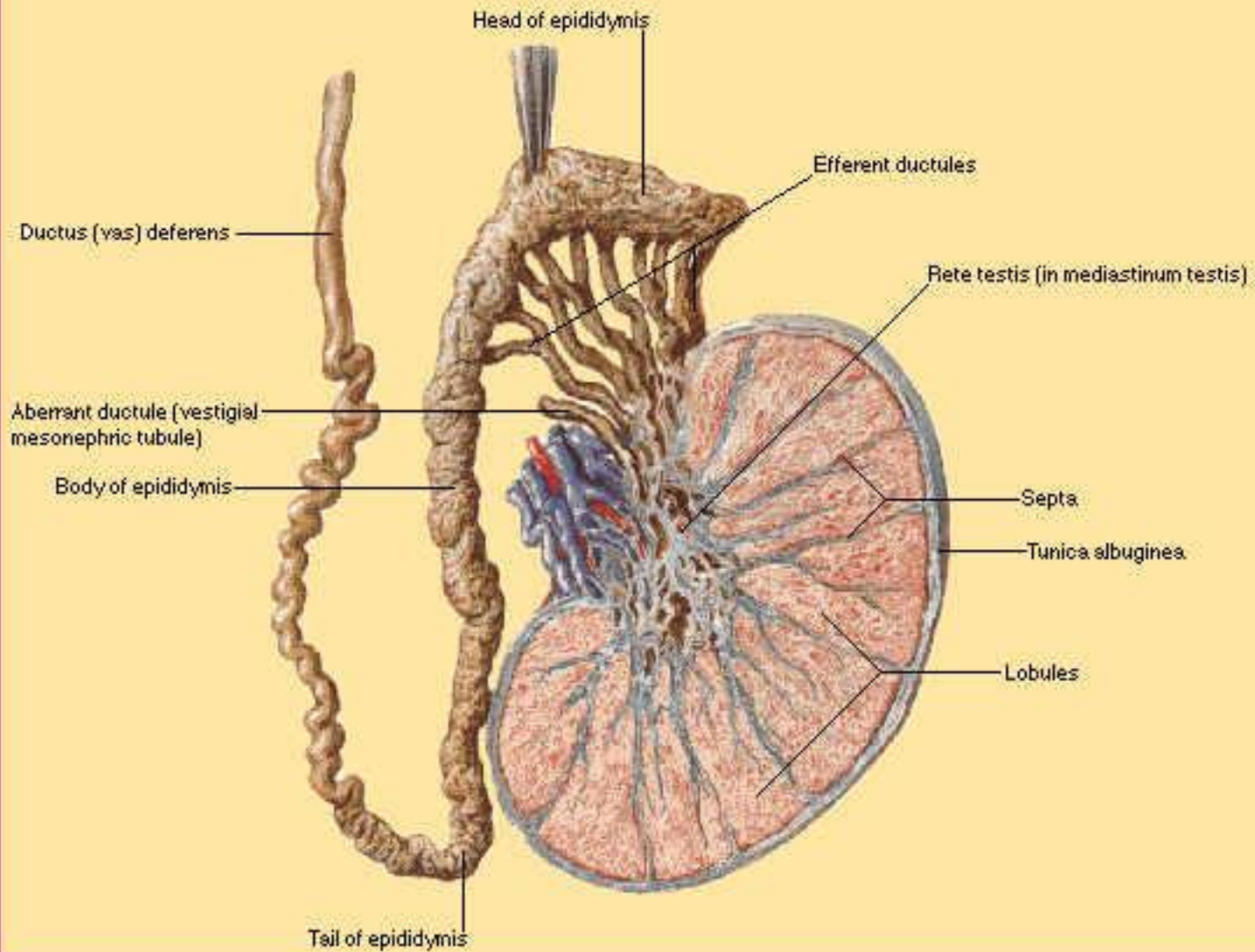
# Embryonic Development

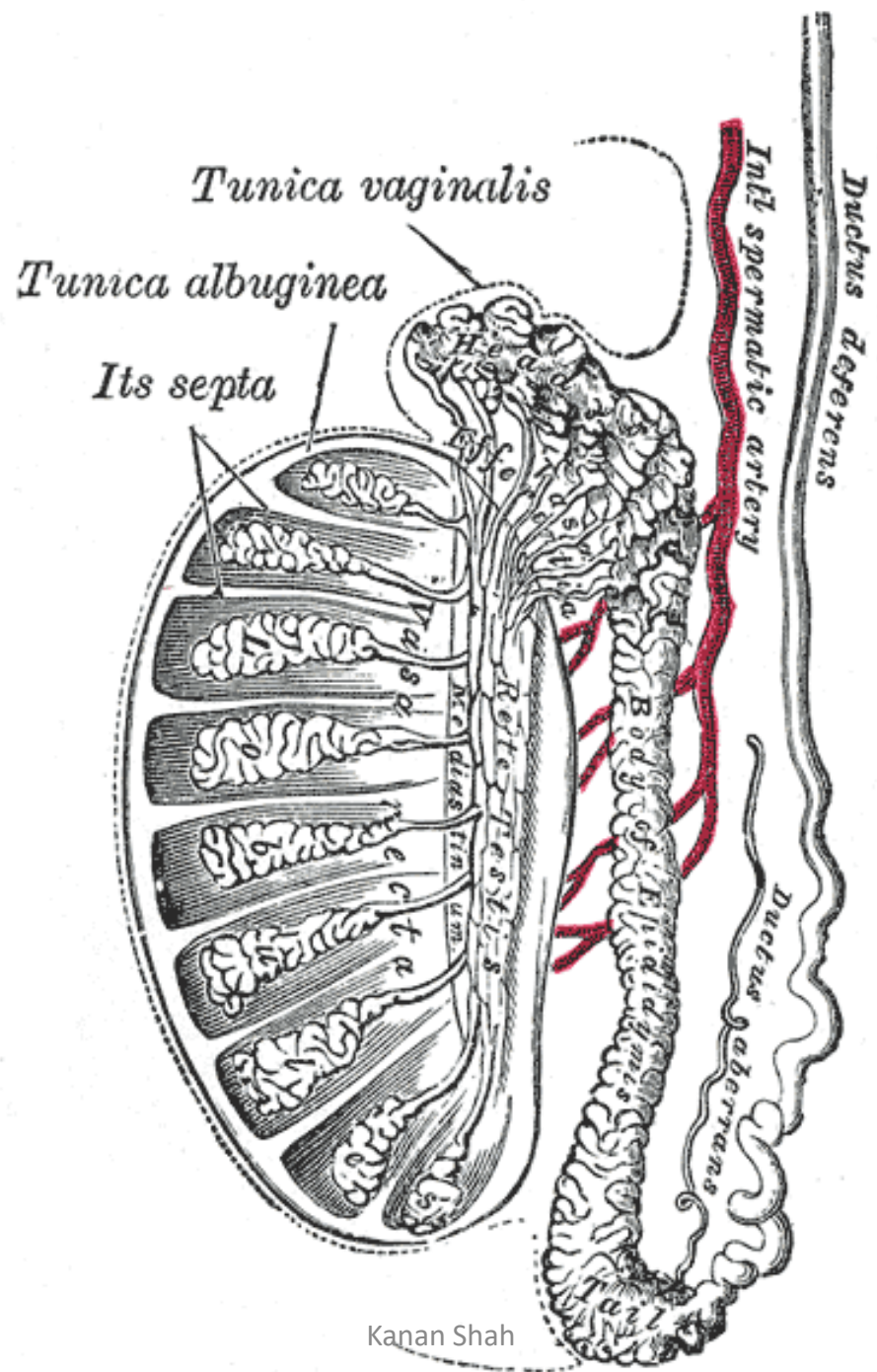




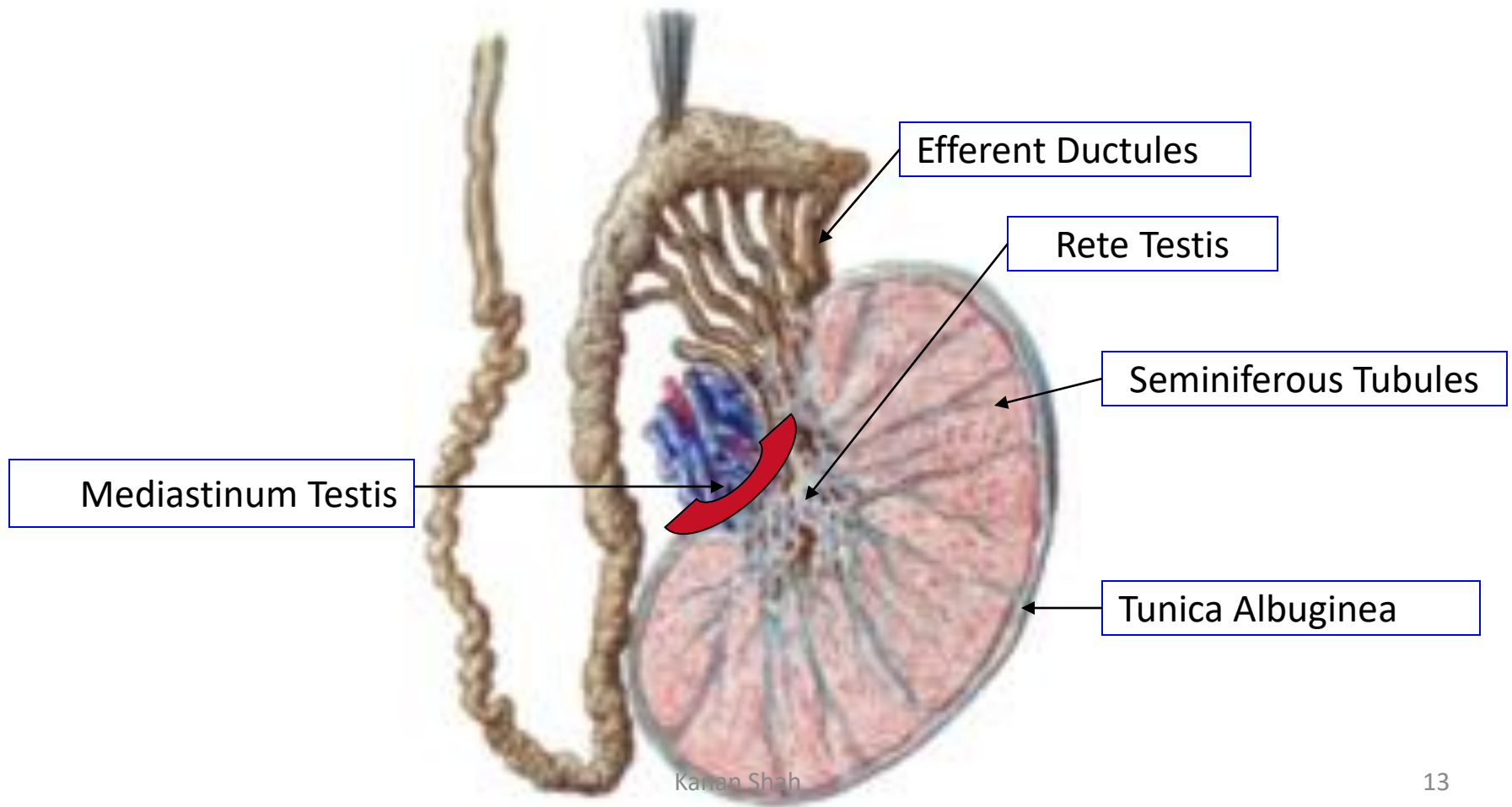
(c) Sagittal section of a testis

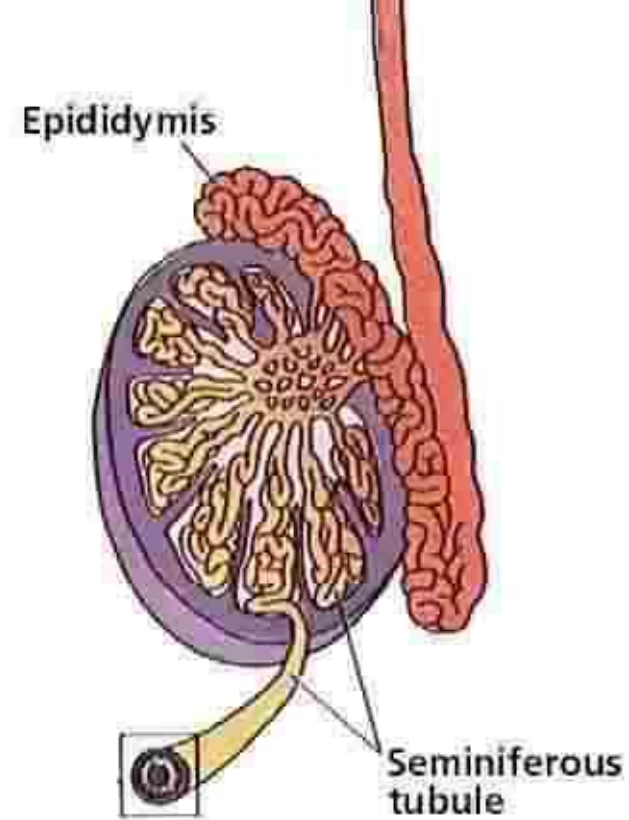
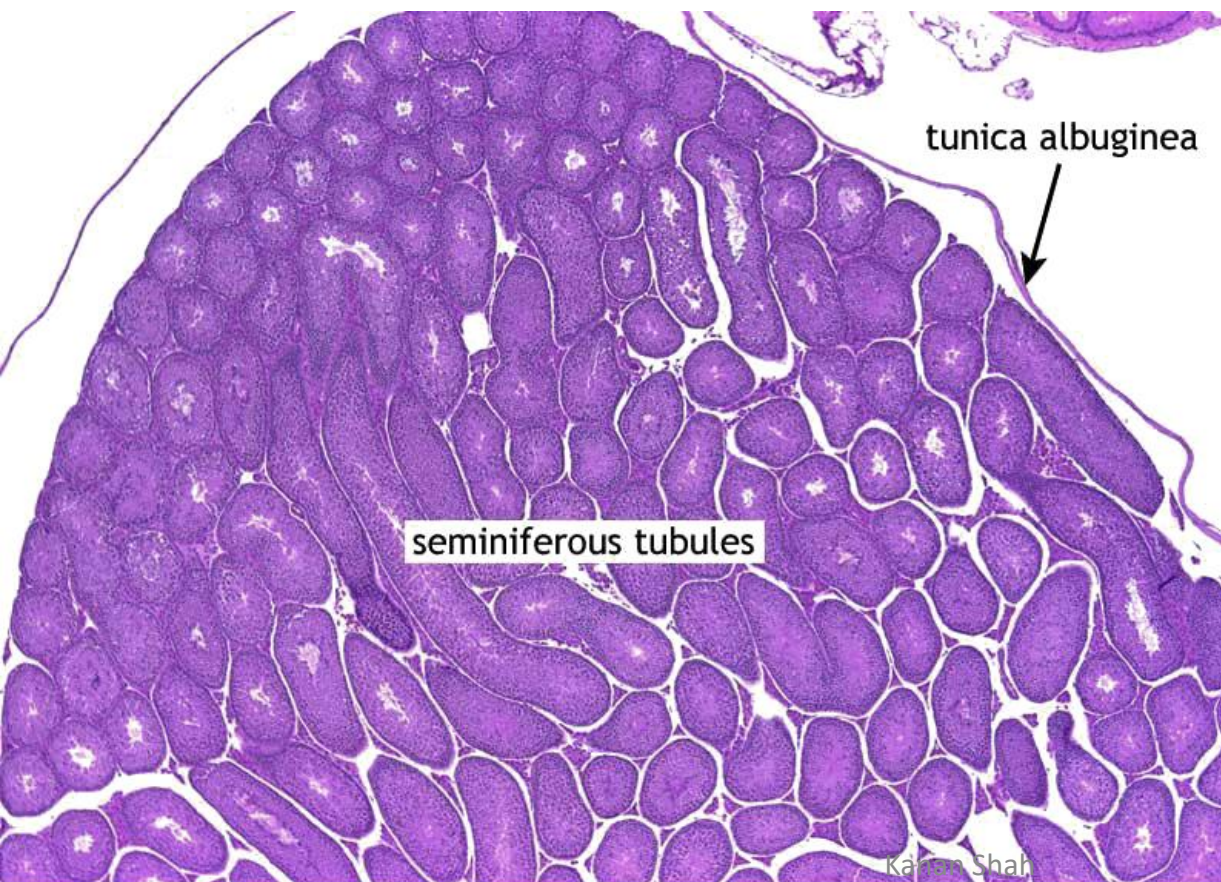
# Testis, Epididymis & Ductus Deferens

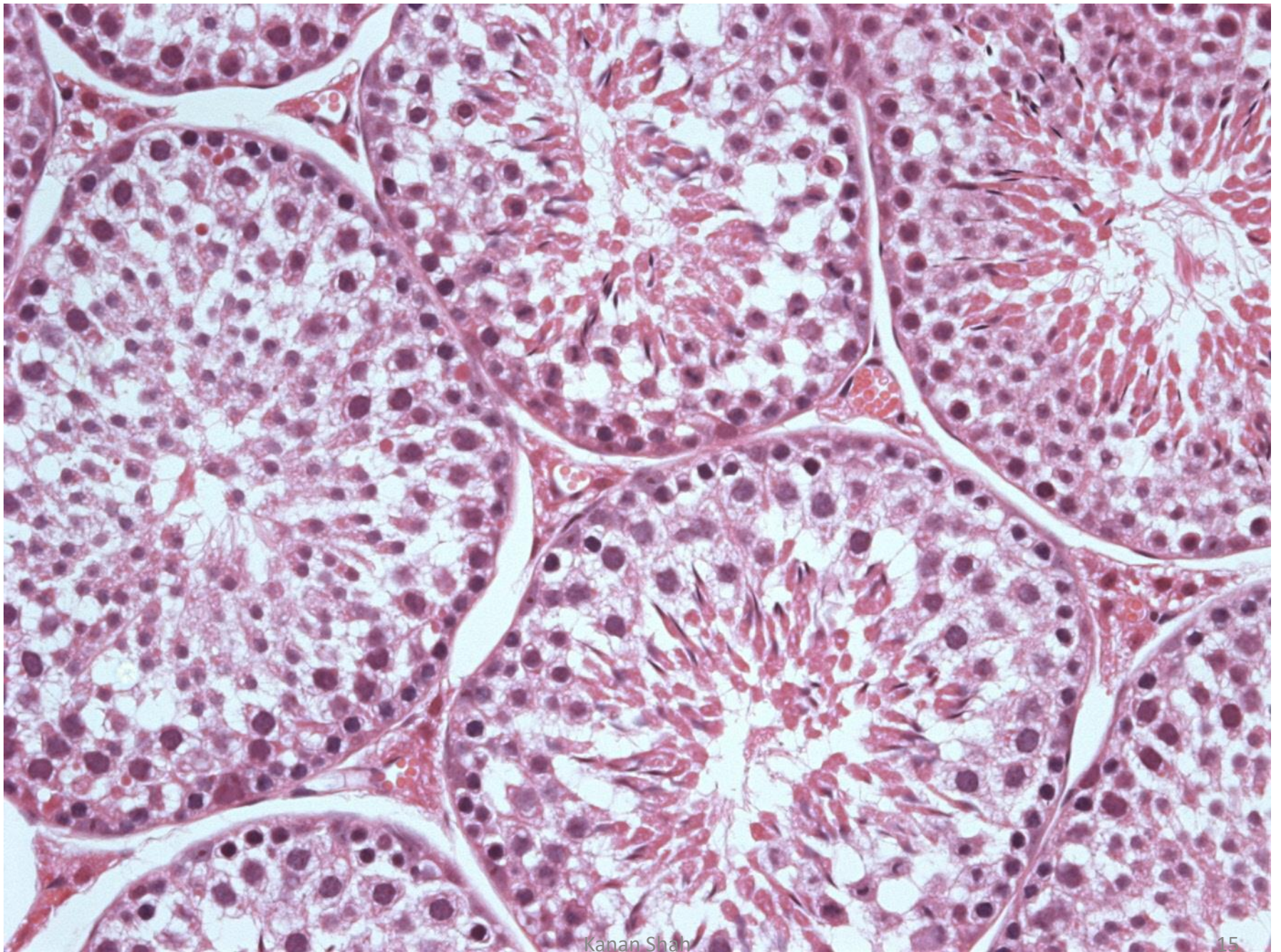




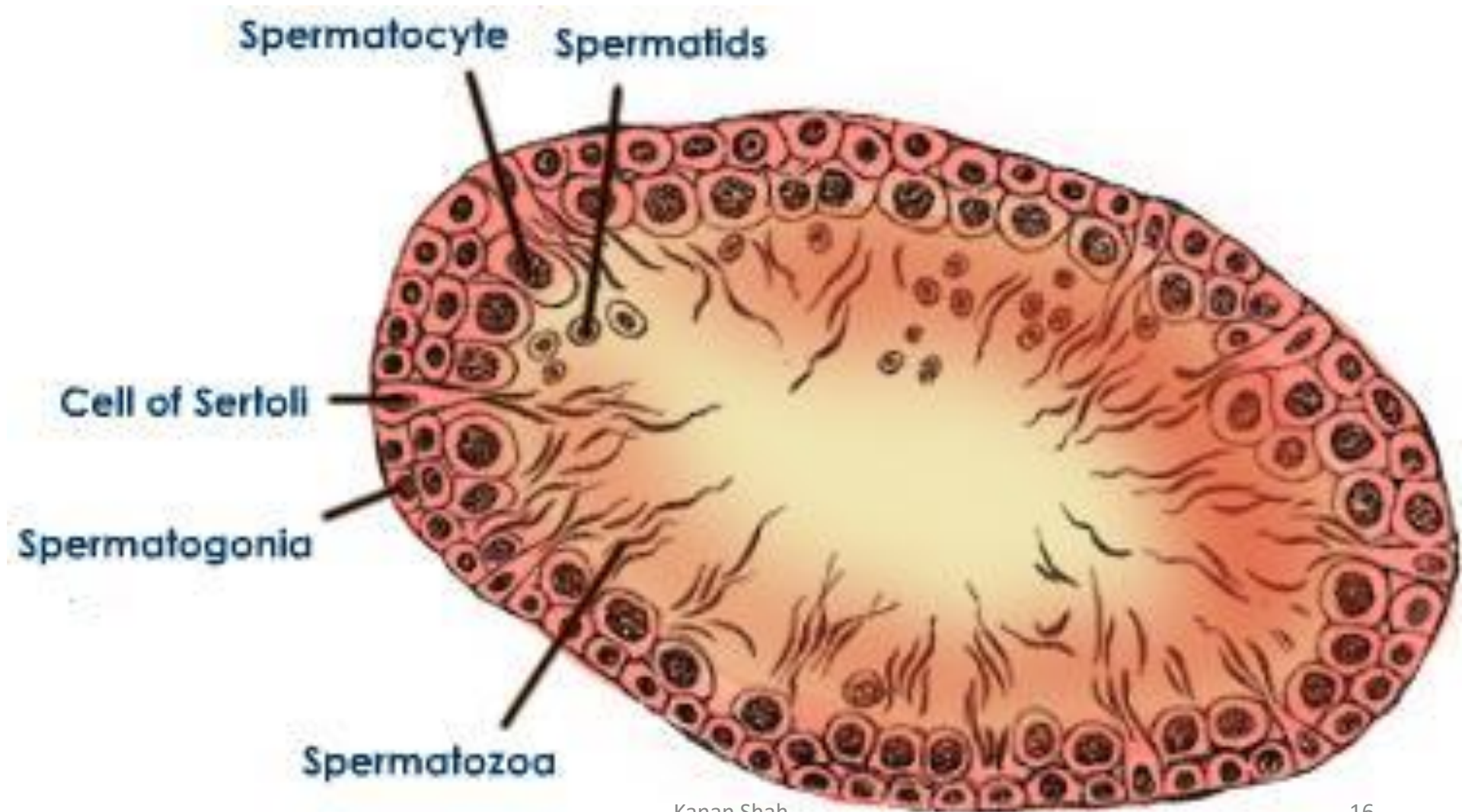
# Testicular Anatomy *(Netter, Plate 371)*







# Seminiferous tubules



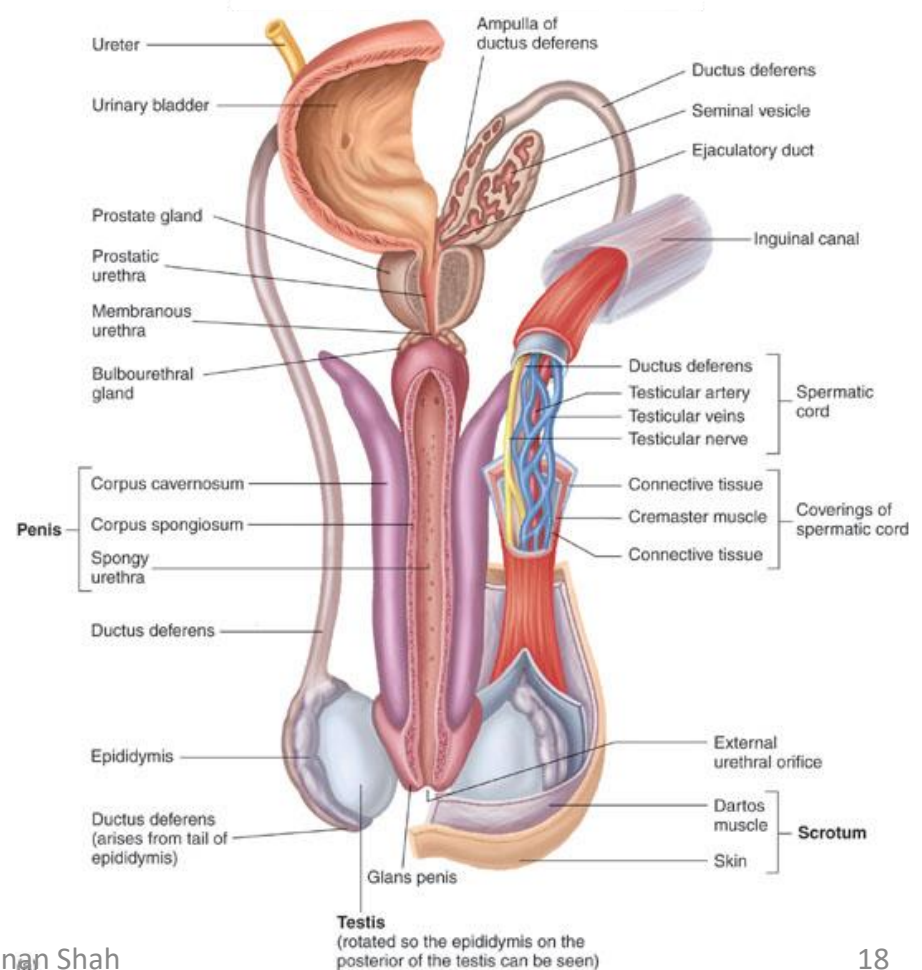


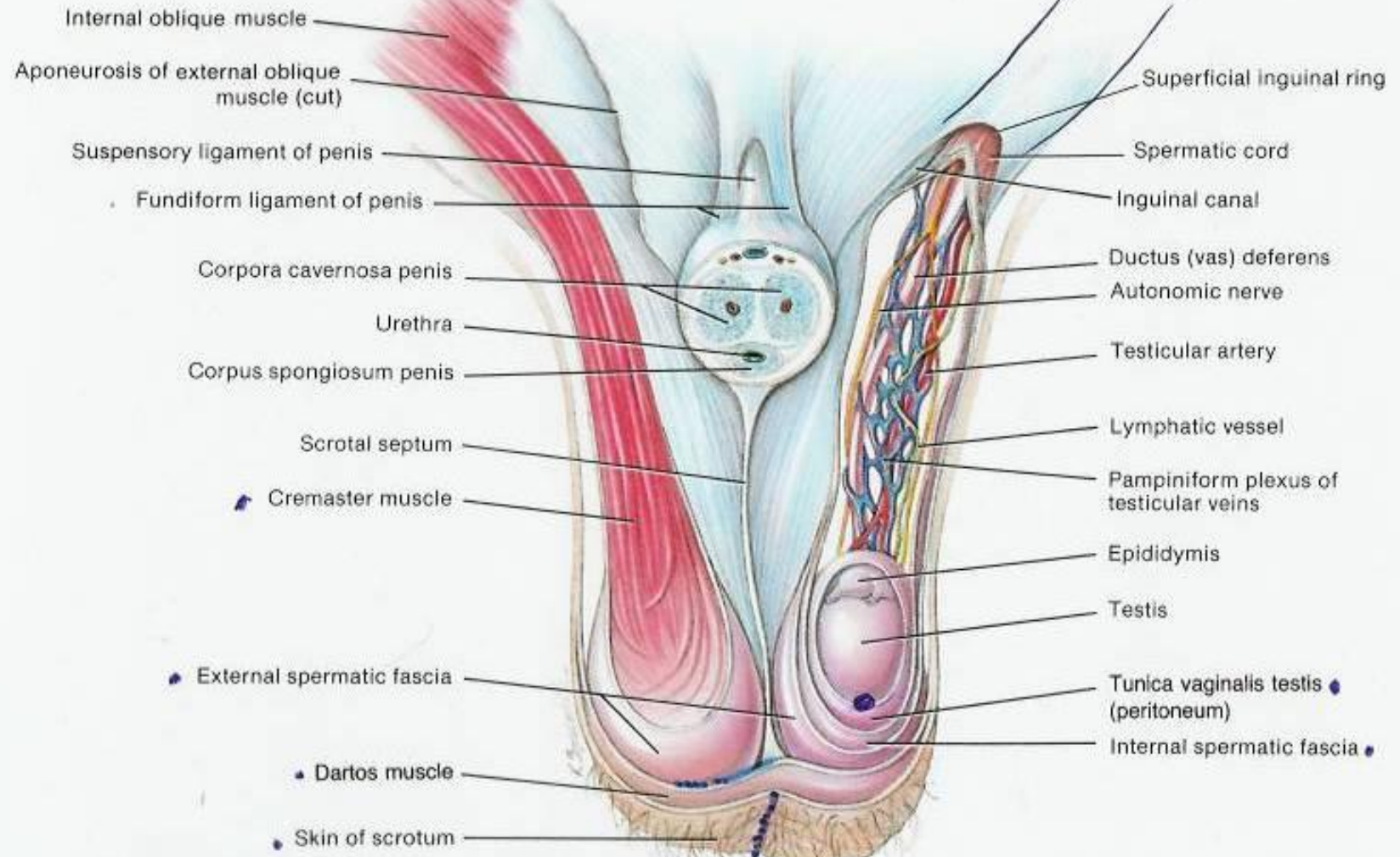
# Arterial supply

- Testicular artery
- Artery of vas deferens
- Cremasteric artery

# Venous drainage

- Pampiniform plexus

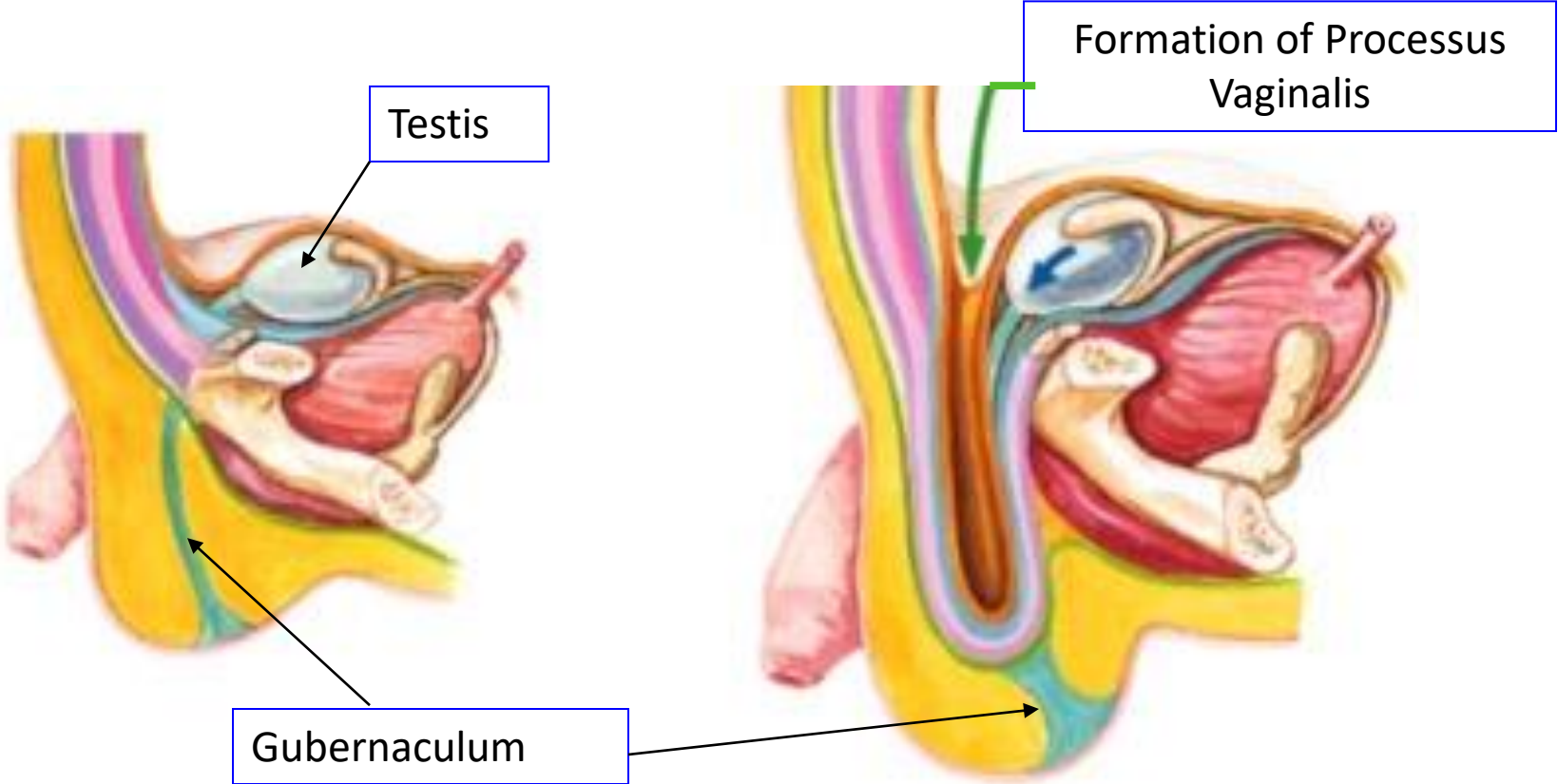




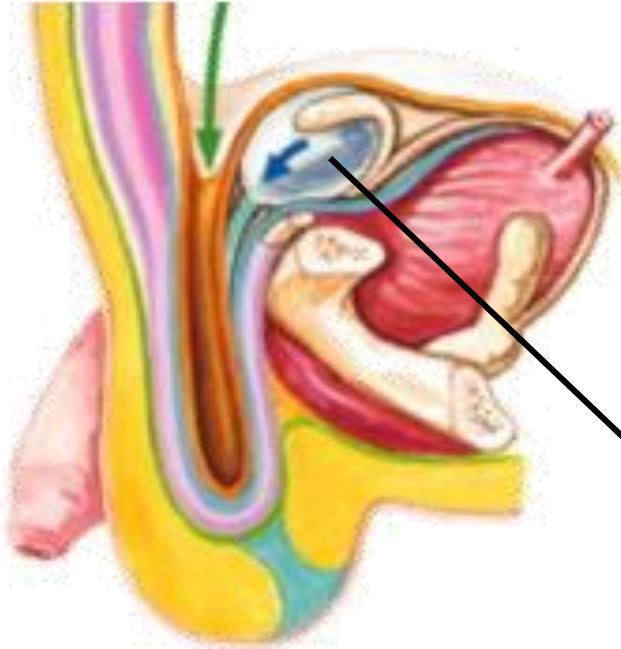
Anterior view

Figure 25-2: Spermatic cord and inguinal canal

# Embryonic Development



# Descent of Testes

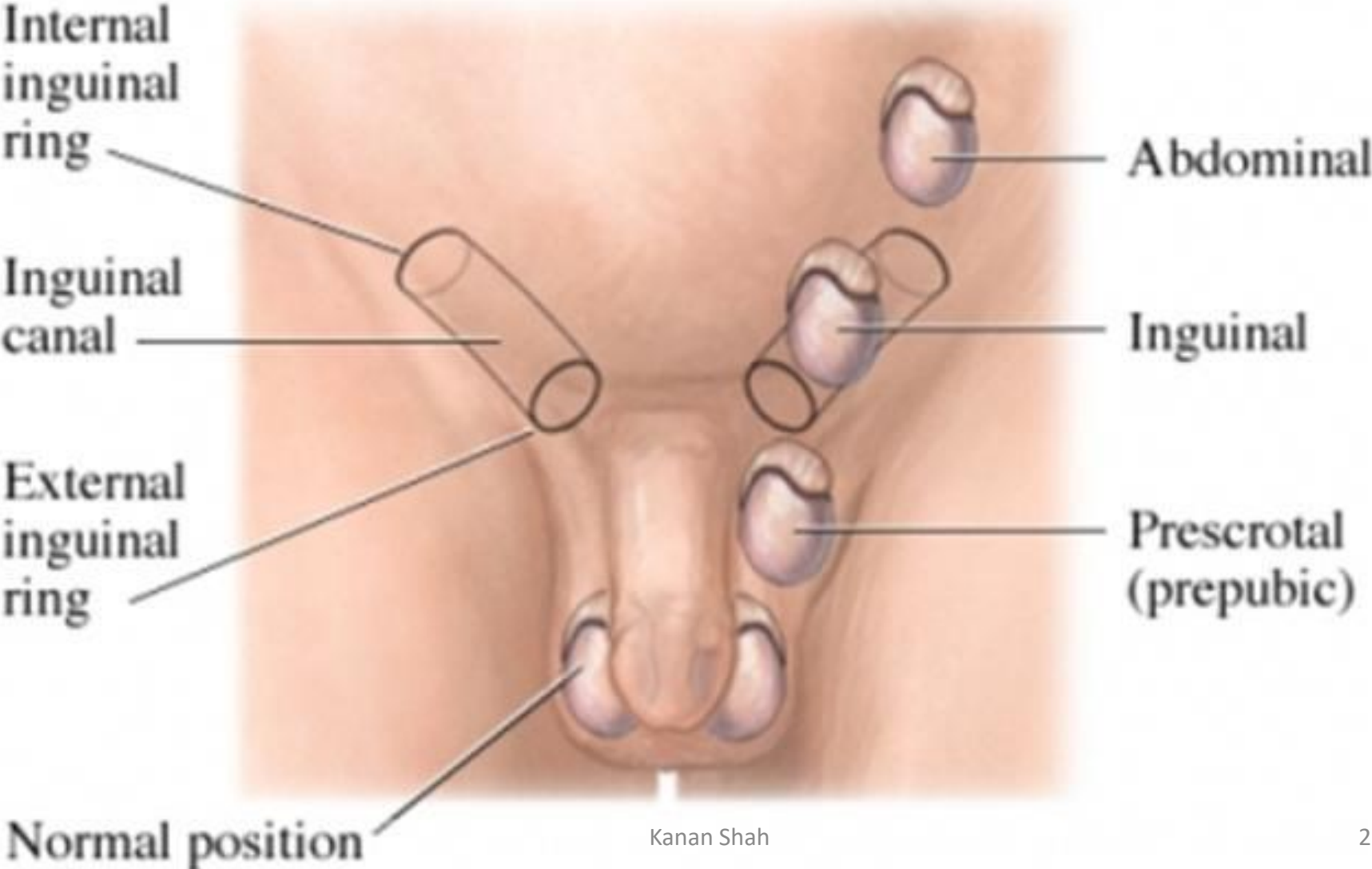


Descent begins at ~3 months



Adult Configuration

# Descent of testis



# Factors for descent

- Gubernaculum testis
- Intra-abdominal pressure
- Intra-abdominal temperature
- Arched fibers of internal oblique
- Uncurling of fetal curves
- Internal secretion of fetal testis

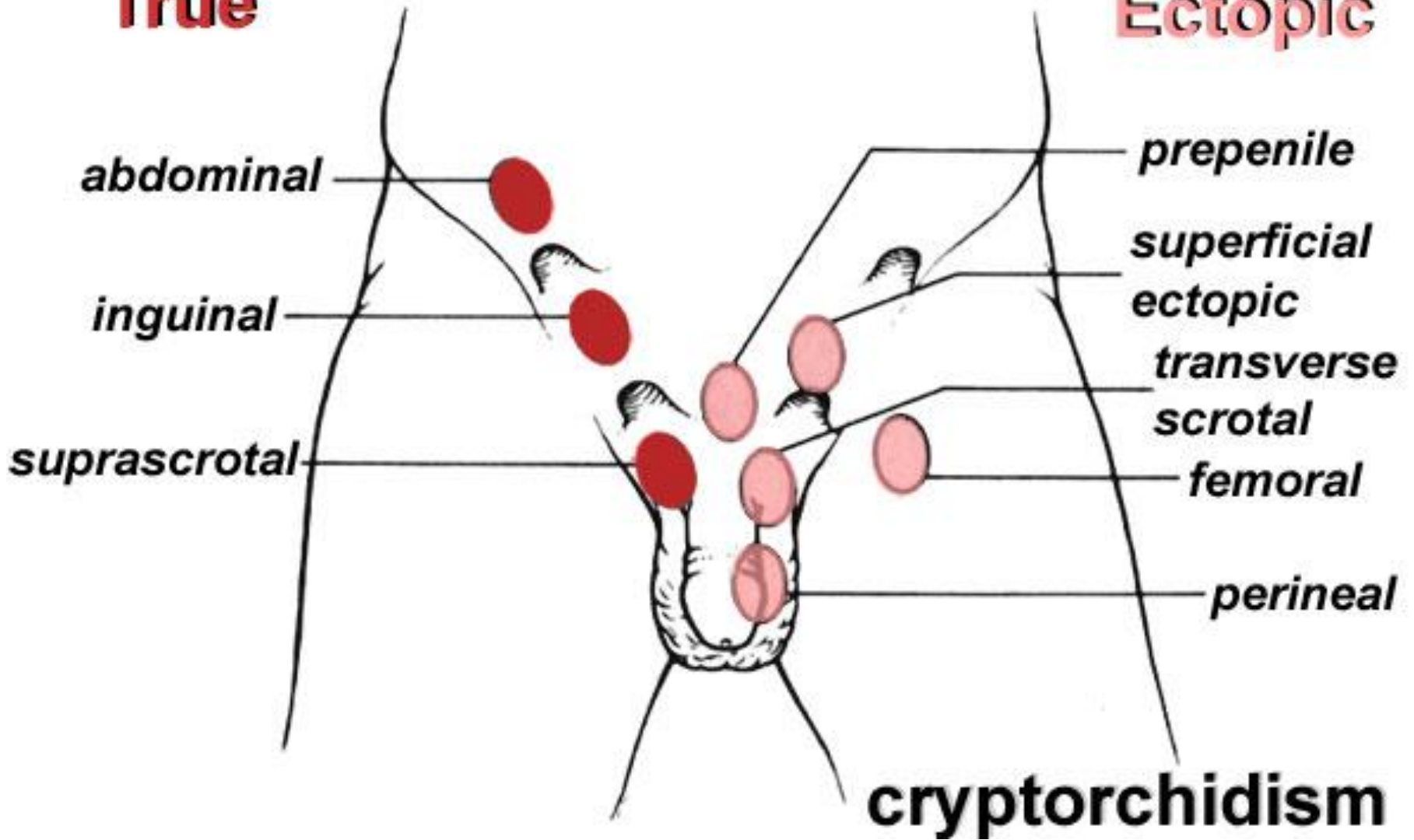
# Anomalies

- Anorchism(cryptorchism)
- Monorchism
- Partially descended testis
- Ectopic testis
- Hermaphroditism



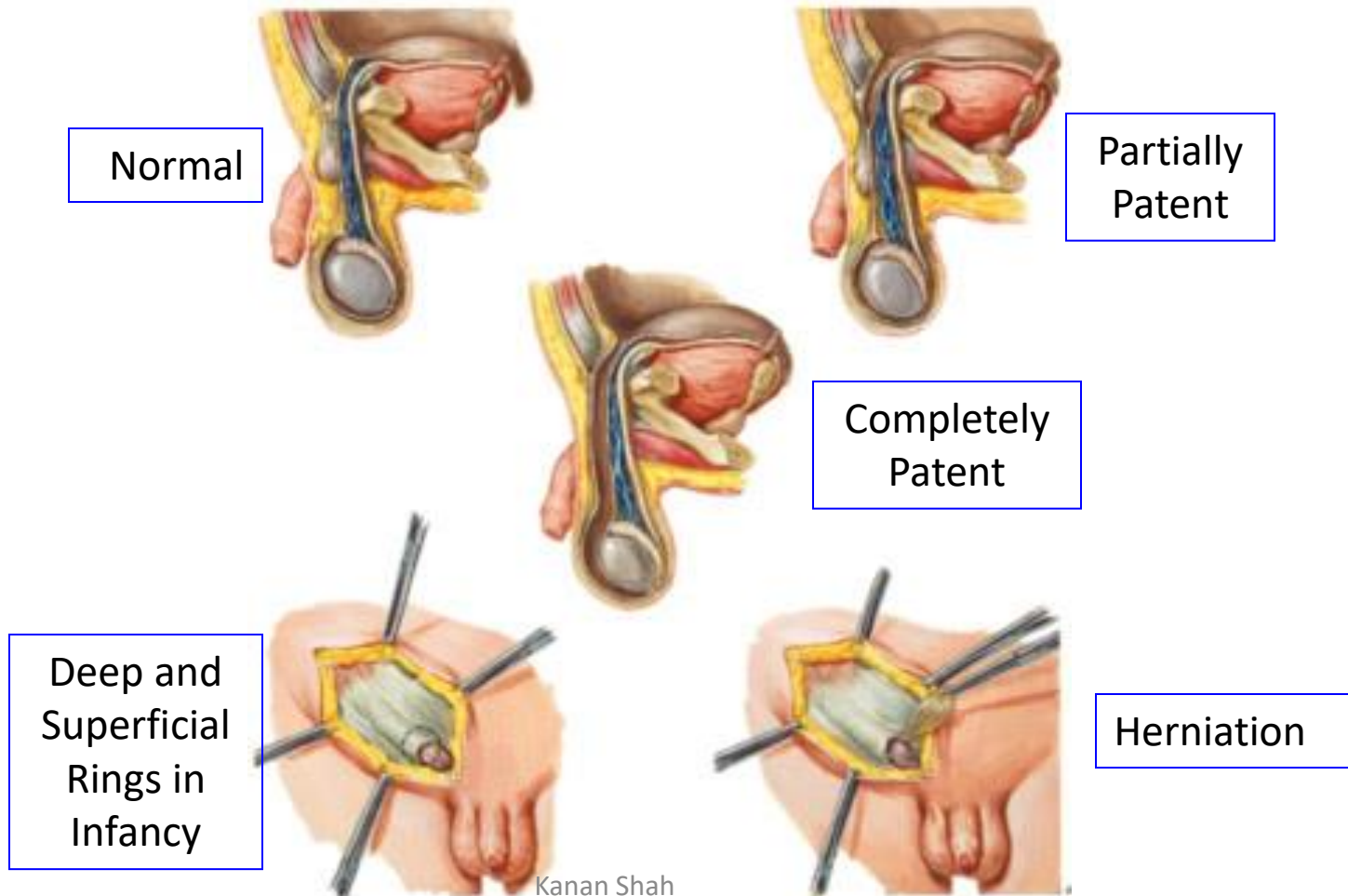
**True**

**Ectopic**



# Anomalies of the Processus Vaginalis

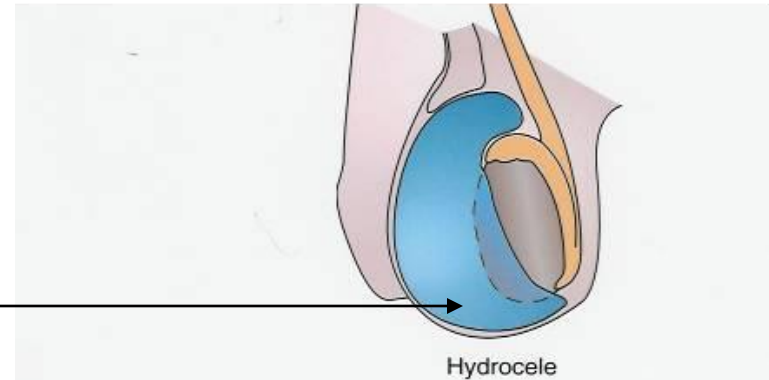
## Hydrocoele



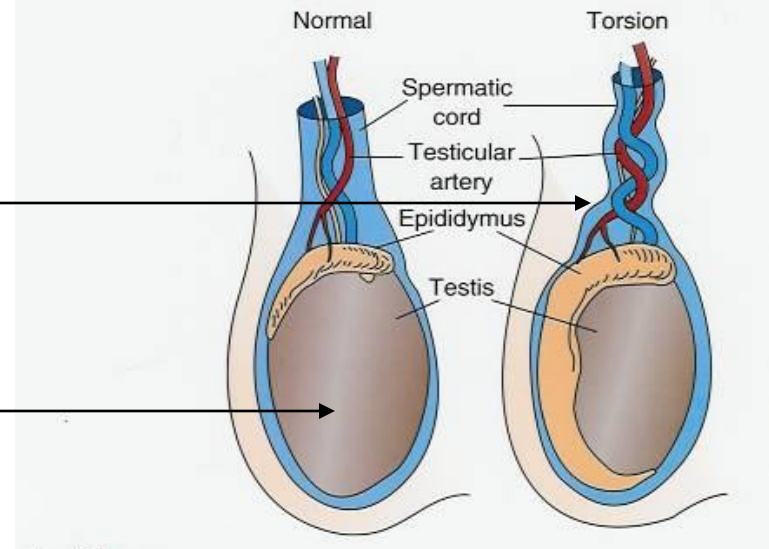
# Normal vs. Abnormal Scrotum

Note:

- Hydrocele



- Testicular torsion



- Normal Testis



## Varicocoele

1. Expansion of pampiniform plexus
2. Usually seen on left (*why??*)
3. Can be palpated
  - a. feels like a “bag of worms”
4. Left side common

- Orchitis
- Epididymoorchitis

# Aknowledgements

- Human Anatomy by BD Chaurasia
- Gray's Anatomy
- Essentials of Human Antomy: Thorax and Abdomen by Asimkumar Dutta