

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ



Past Paper FINAL

ALL Material (Embryo + Histo)

﴿ قُلْ بِفَضْلِ اللَّهِ وَبِرَحْمَتِهِ فَبِذَلِكَ فَلْيَفْرَحُوا هُوَ خَيْرٌ مِّمَّا يَجْمَعُونَ ﴾

الحمد لله على التمام

The Past Team wishes you All The Best!

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Embryo (1-2)

فريق الباست يتمنى لكم التوفيق بالامتحان

Q1: Regarding development of genital system, Choose the WRONG statement:

- A. Urachal cyst is fluid-filled dilatation of the mid urachus**
- B. The ureteric bud gives rise to collecting system of the kidney**
- C. Ectopia vesicae is associated with the anterior wall of the bladder.**
- D. The metanephric cap gives rise to nephron**
- E. None of the following**

Q2: Choose the WRONG match:

- A. Hypospadias—>the urethral orifice opens in the ventral aspect of the penis**
- B. The caudal part of paramesonephric ducts—>forms the uterus and upper 3/5 of the vagina.**
- C. Mullarian tubercle —>forms seminal colliculus**
- D. Gubernaculum forms part of the—>Broad ligament**
- E. None of the following**

Q3: Wrong statement:

- A. both Testis & epididymis possess an appendix that is derived from mesonephric duct**
- B. Trigone of the urinary bladder originates from mesonephric duct**
- C. Metanephric cap gives rise to nephrons**
- D. the hilum of the kidney rotates after birth**
- E. All are correct**

Q4: Which of the following is wrong about renal development?

A. in men, the mesonephric duct forms the ureteric bud then the rest disappears

Q5: Which of the following is mesodermal in origin:

- A. Vas deferens**
- B) Lower $\frac{2}{5}$ of Vagina**
- C) Anterior wall of Female urethra**
- D) Prostatic urethra**

Q6: The efferent ductules is developed from?

- A. Mesonephric tubules**
- B) Wolfian duct**
- C) Paramesonephric duct**
- D) Mullerian duct**

Q7: The pronephros is developed in

- A. Cervical region.**
- B) Thoracic region.**
- C) Lumber region.**
- D) Sacral region.**

Q8: The part of the prostatic urethra inferior to seminal colliculus is developed from:

- A) Mesonephric tubules**
- B) Vesico-urethral part of the urogenital sinus**
- C) Phallic part of the urogenital sinus**
- D) Mesonephric ducts**
- E) Pelvic part of the urogenital sinus.**

Q9: Choose the WRONG statement:

A. Urachal cyst is fluid-filled dilatation of the mid urachus

The ureteric bud gives rise to collecting system of the kidney

C) In case of Horseshoe kidney superior mesenteric artery prevent kidney ascent

D) The metanephric cap gives rise to nephron

E) The prostatic urethra is endodermal and mesodermal in origin

Q10: Failure of fusion of the paramesonephric ducts mostly leads to:

- A. Uterine anomalies**
- B) Hypospadias**
- C) Vaginal vestibule anomalies**
- D) Epispadias**

Q11: Failure of fusion of the urethral folds leads to:

- A) Uterine anomalies**
- B) Hypospadias**
- C) Vaginal vestibule anomalies**
- D) Epispadia**

Q12: A remnant of gubernaculum seen in adult females:

- A. Round ligament of uterus**
- B) Suspensory ligament of the ovary**
- C) Mesovarium**
- D) Tunica albuginea**

Q13: Which of the following structures is endodermal in origin?

- A. Seminal vesicle**
- B) The whole dorsal wall of the female urethra**
- C) Gartner's duct**
- D) Lower 2/5 of the vagina**
- E) Uterine tube**

Q14: The 2 embryonic remnants present in the broad ligament are remnants of:

- A) Mesonephric tubules**
- B) Pronephric ducts**
- C) Mesonephric ducts**
- D) Pronephric tubule**
- E) Paramesonephric ducts**
- F) Two of the above**

Answer: F (A + C)

Q15: Cryptorchidism means

- A) Indirect inguinal hernia**
- B) Hydrocele**
- C) Undescended testis**
- D) Maldescended testis**

Q16: The origin of corpora cavernosa in females is:

- A) Urethral fold**
- B) Genital tubercle**
- C) Urogenital sinus**

Q17: Primitive germ cells is derived from the yolk sac

- A) True**
- B) False**

Q18: The terminal part of penile urethra is endodermal in origin

- A) True**
- B) False**

Q19: Not of a dual embryonic origin

Answer: cervix

Histology

Q1: The mucosa of the vagina is lined by ____ epithelium

- A) Pseudostratified columnar**
- B) stratified squamous non keratinized**
- C) Simple columnar**
- D) stratified squamous keratinized**

Q2: Peg cells are present in:

- A) Body of the uterus.**
- B) Cervix.**
- C) Vagina.**
- D) Fundus of the uterus.**
- E) Uterine tube.**

Q3: The middle layer of the myometrium , the fibers of the smooth muscles arrange

- A) circularly**
- B) transversely**
- C) Longitudinally**
- D) obliquely**
- E) All of the above**

Q4: Choose the wrong statement:

- A. The muscular layer of the uterine cervix shows Nabothian follicles which secretes water and mucus**
- B. The mucosa of the vagina is lined by stratified squamous non keratinized epithelium**
- C. Peg cells are present in uterine tube**
- D. Wall of body and fundus has 3 layers**

Q5: The endometrium before puberty is lined by ciliated columnar cells and secretory columnar cells

- A) True**
- B) False**

Q6: Which is false regarding the vaginal part or the cervix?

Answer: Lined by pseudostratified columnar epithelium

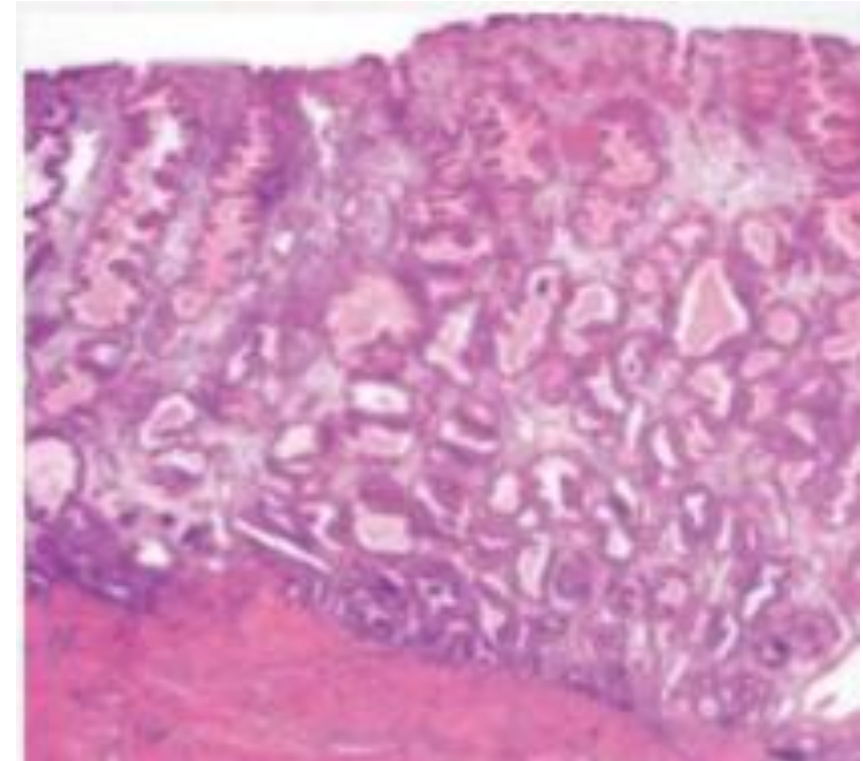
Q7: Choose the wrong answer

Answer: Stratum basalis is sloughed off

Labs

Q1: The following picture represents which stage of endometrial cycle:

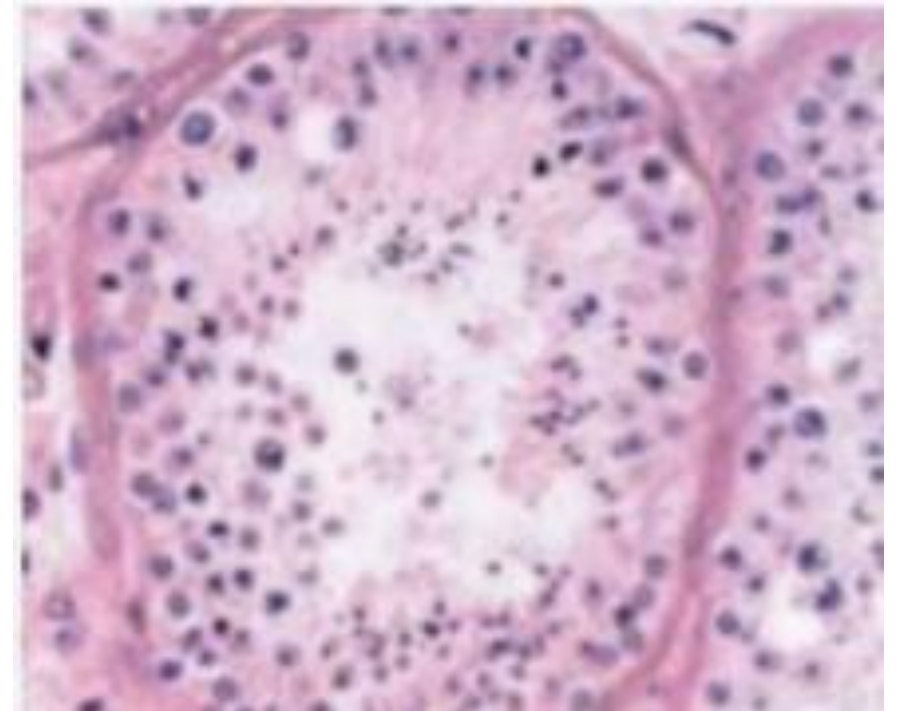
- A) Ovulatory**
- B) Early proliferative**
- C) Late proliferative**
- D) Secretory**
- E) Menstrual**



Answer: D

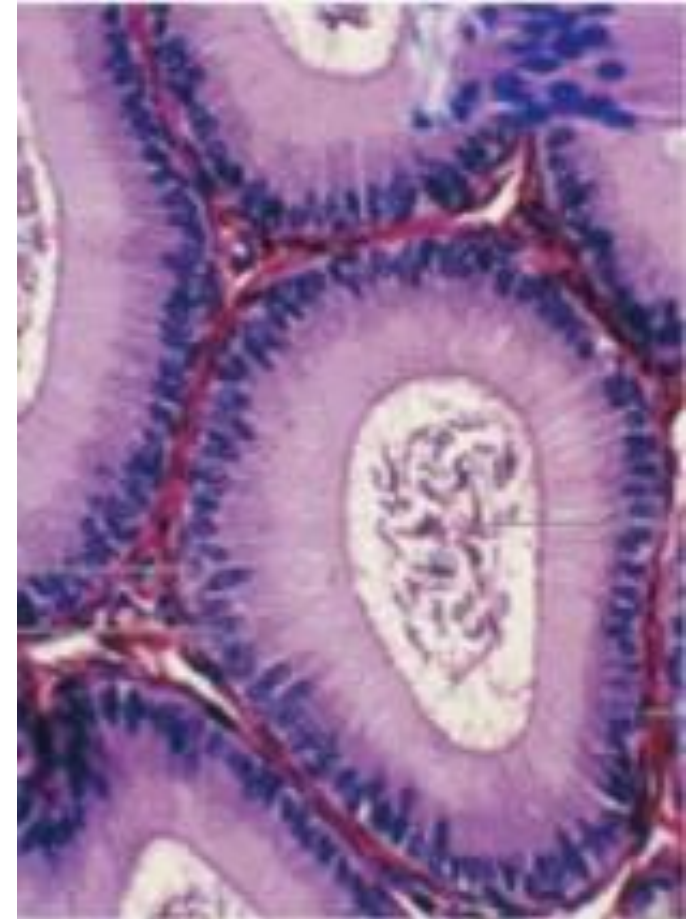
Q2: Which of the following cells are not seen in the tissue shown in the following section?

- A) Myoid cells**
- B) Sertoli cells**
- C) Secondary spermatocytes**
- D) Spermatogenic cells**



Q3: Which of the following is wrong regarding this section?

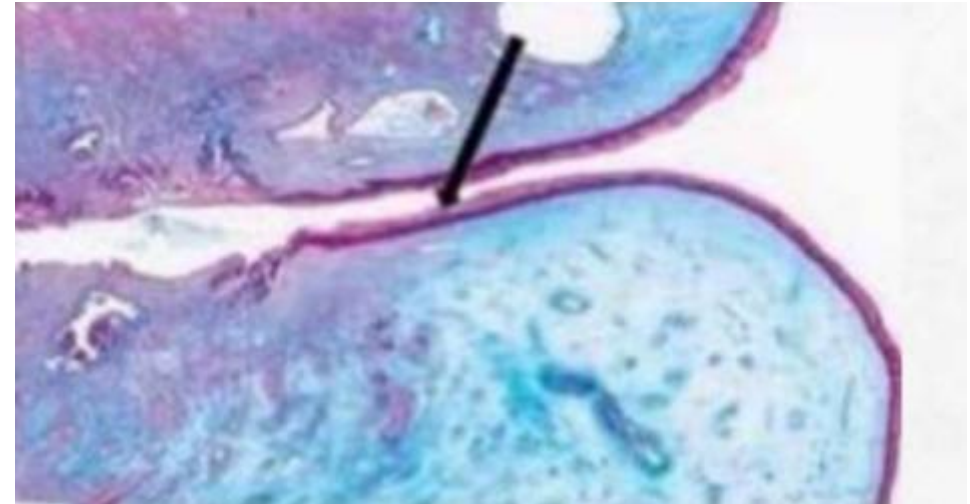
- A) It is lined by pseudostratified columnar epithelium**
- B) It is a site for sperm storage**
- C) It has cilia that help spermatozoa in movement**
- D) Musculosa is composed of circular smooth muscles**



Answer: C

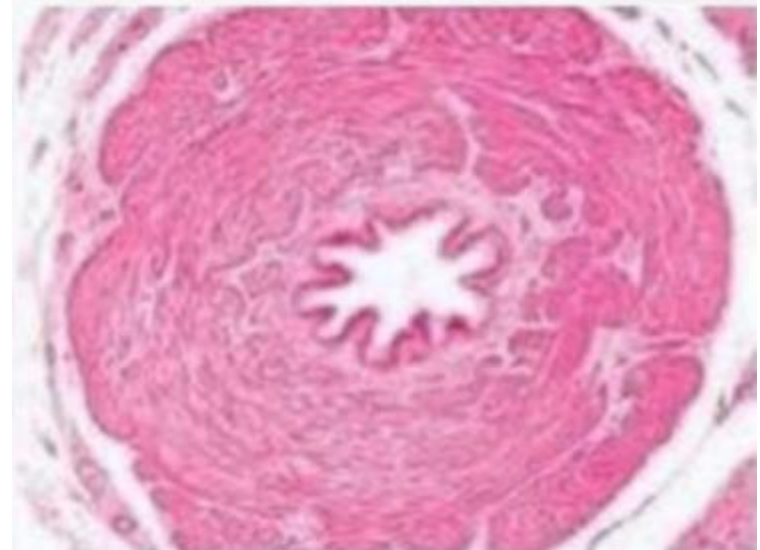
Q4: The pointed area is lined with epithelium:

- A) Simple Cuboidal**
- B) Simple columnar**
- C) Stratified squamous non keratinized**
- D) Simple squamous**
- E) Stratified Columnar**



Q5: The function of this structure is to convey:

- A) The urine from the urinary bladder to outside of the body.**
- B) The sperm from epididymis to ejaculatory duct .**
- C) The ovum from ovary to the uterus .**
- D) The urine from kidney to the urinary bladder .**
- E) The urine from loop of Henle to collecting ducts.**



Answer: B

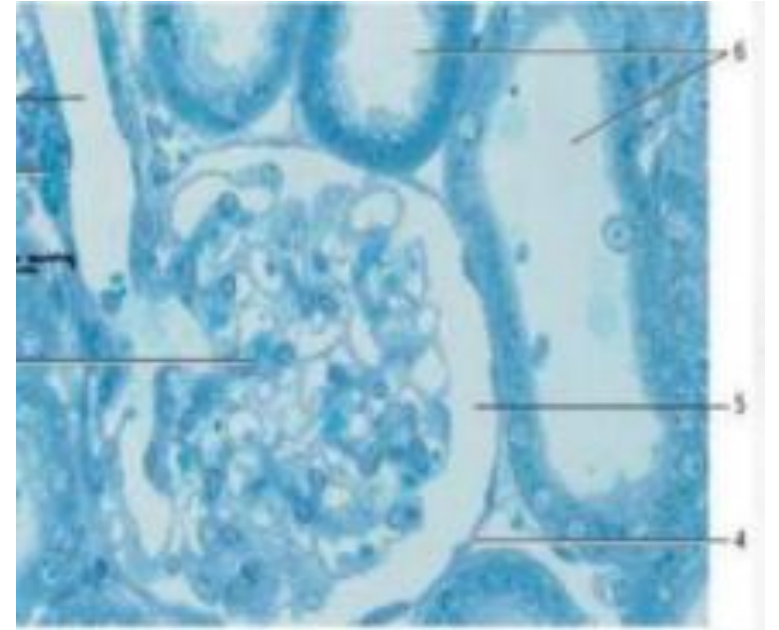
Q6: Identify number 5

- A) Macula densa
- B) Distal convoluted tubule
- C) Proximal convoluted tubule



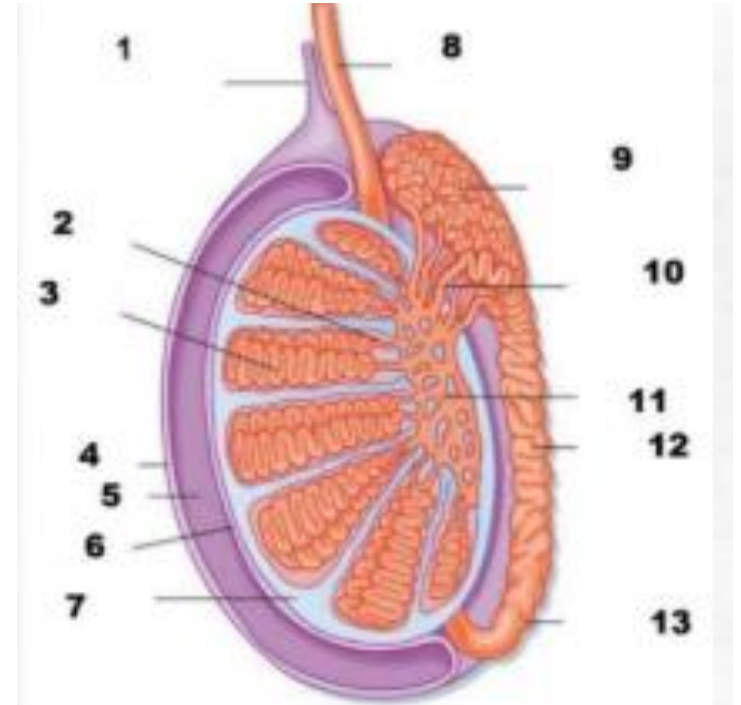
Q7: number 6 represents:

- A. Proximal convoluted tubules
- B. Distal convoluted tubules
- C. Thick loop of henle
- D. Thin loop of henle
- E. Collecting duct



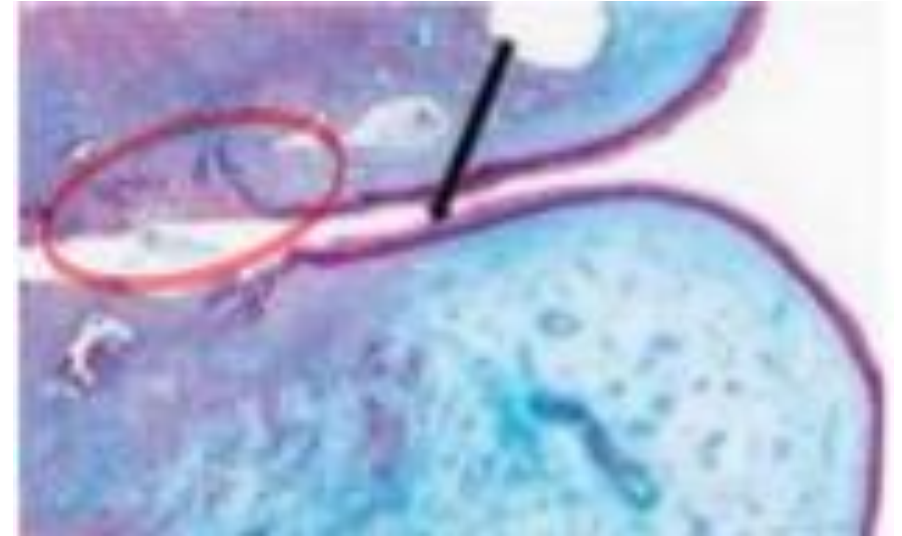
Q8: the embryonic origin of the structure number 9:

- A. Mesonephric duct**
- B. Mesonephric tubules**
- C. Vesico-urethral**



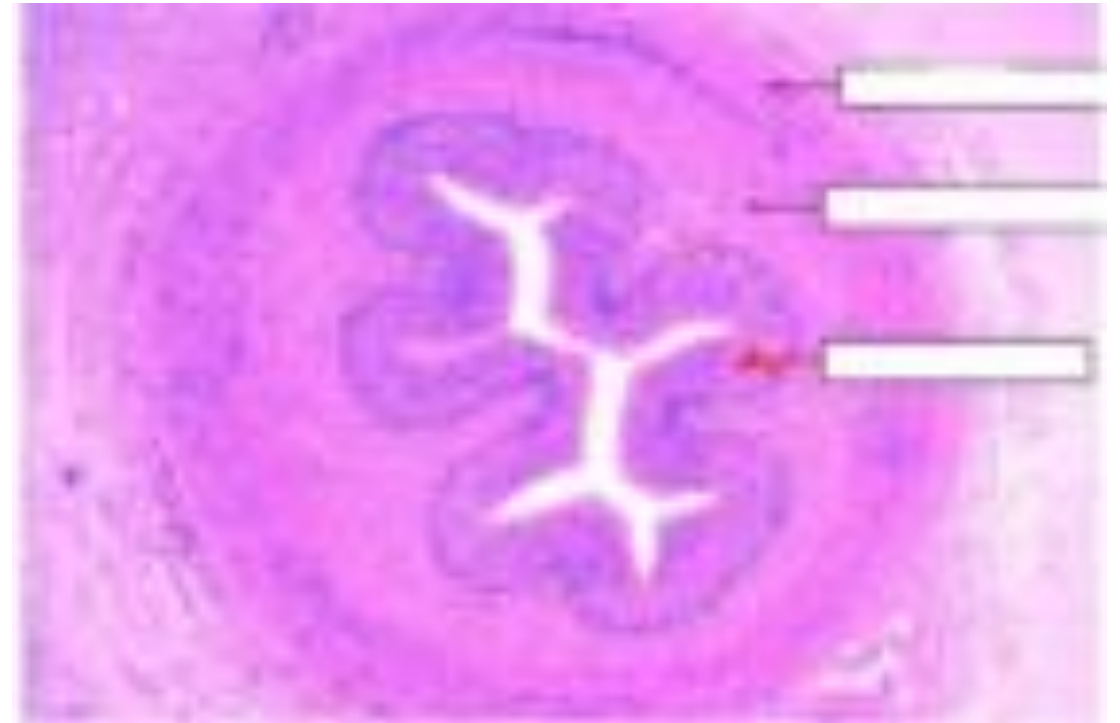
Q9: The circle area is lined with epithelium:

- A. Simple Cuboidal**
- B. Simple columnar**
- C. Stratified squamous non keratinized**
- D. Simple squamous**



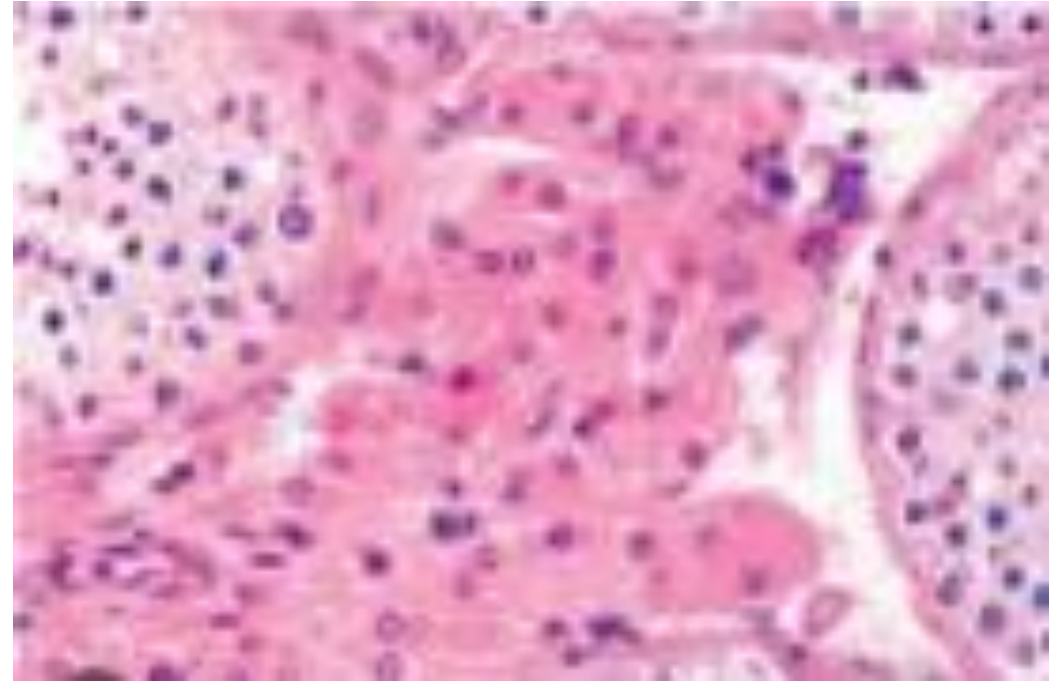
Q10: The Red arrow is lined with epithelium:

- A. Transitional Epithelium**
- B. Simple columnar**
- C. Stratified squamous non keratinized**
- D. Simple squamous**



Q11: The function of this structure is:

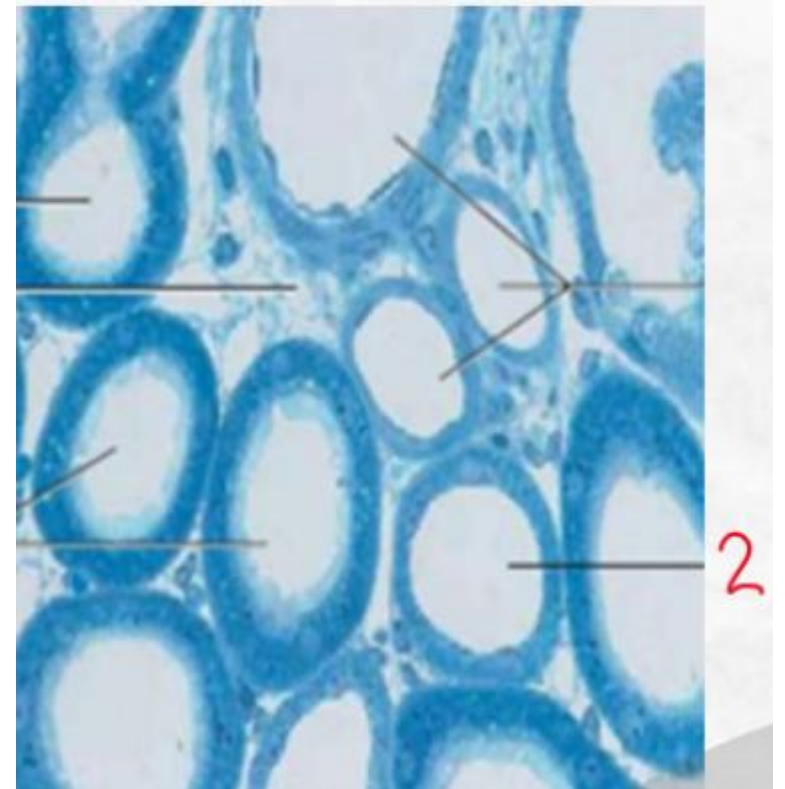
- A. The urine from the urinary bladder to outside of the body**
- B. Testosterone production**
- C. The ovum from ovary to the uterus**
- D. The urine from kidney to the urinary bladder**



Answer: B

Q12: From where does no. 2 arise?

Answer: Metanephric cap



Q13: Which of the following is true regarding the adjacent figure:

Answer: The site of fertilization



**Upgraded 👍 ;
Officially a clinical student!
3/6 Done ✅**

الحمد لله، ادرسوا منيح
ودعواتكم

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Corrections from previous versions:

Versions	Slide # and Place of Error	Before Correction	After Correction
V0 → V1	Slide 17; Q14	C	F
V1 → V2			