

AC URI I SPOT 80 Answers (Retyped)

Station 1

1.1) Identify structure A

- A. Renal Medulla
- B. Renal Cortex**
- C. Renal Papilla
- D. Renal Column

1.2) Identify structure B

- A. Renal Medulla
- B. Renal Cortex
- C. Renal Papilla
- D. Renal Column**



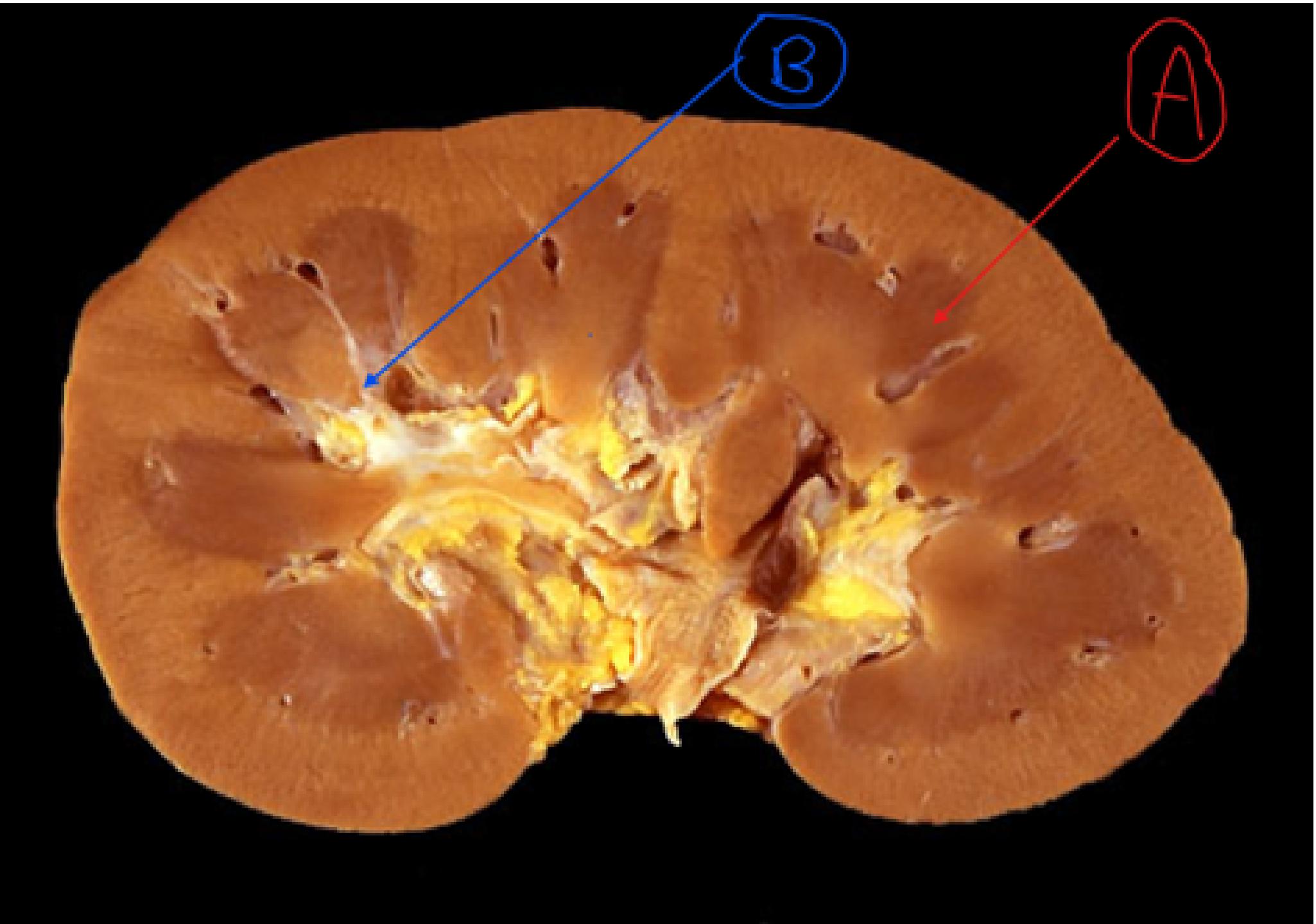
Station 2

2.1) Identify structure A

- A. Renal Medulla
- B. Renal Papilla
- C. Renal Column
- D. Renal Pyramid**

2.2) Identify structure B

- A. Renal Medulla
- B. Renal Papilla**
- C. Renal Column
- D. Renal Pyramid



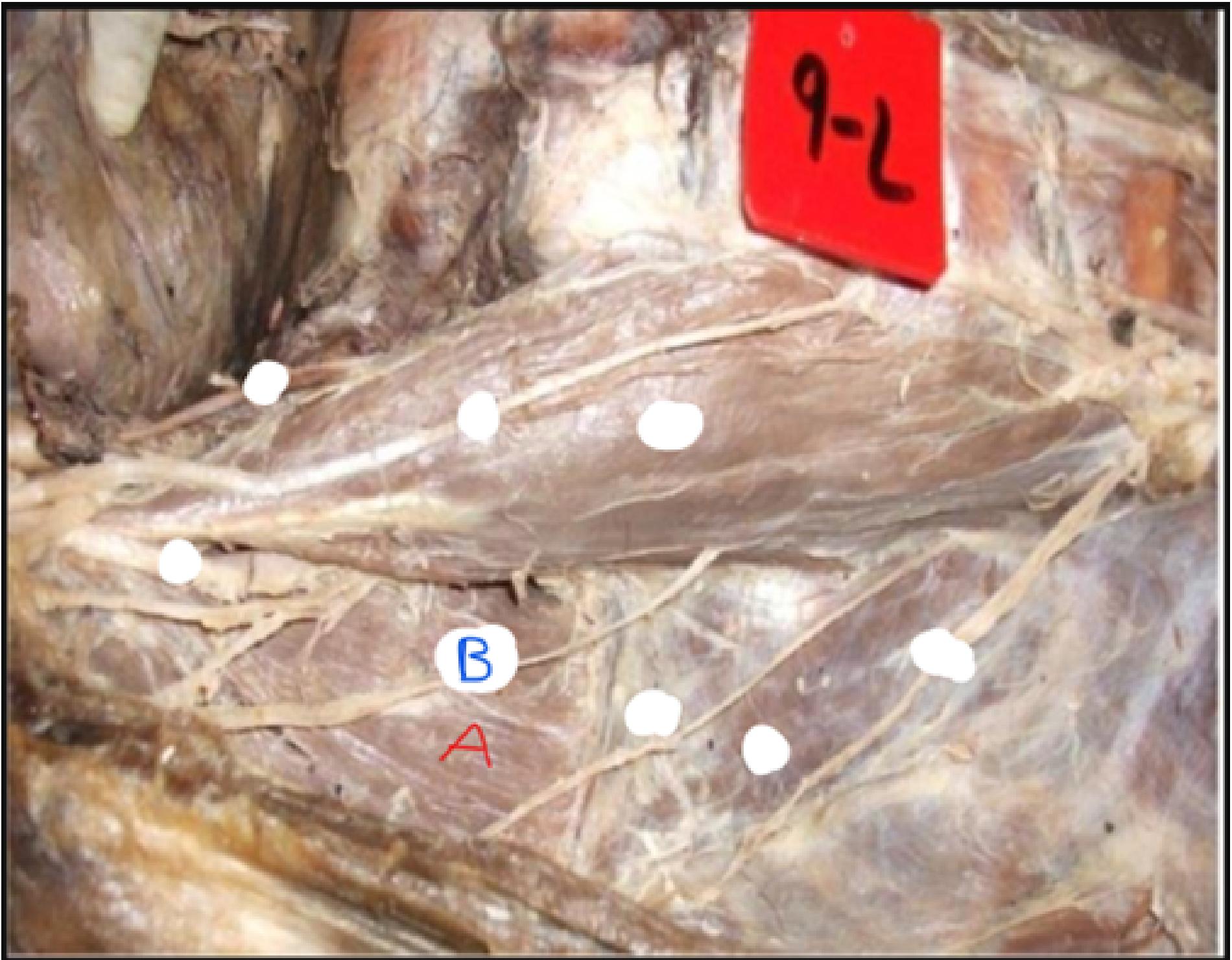
Station 3

3.1) Identify muscle A

- A. Iliacus muscle
- B. Psoas major
- C. Psoas minor
- D. Quadratus lumborum

3.2) Identify nerve B

- A. Ilioinguinal n.
- B. Lateral femoral cutaneous n.
- C. Genitofemoral n.
- D. Femoral n



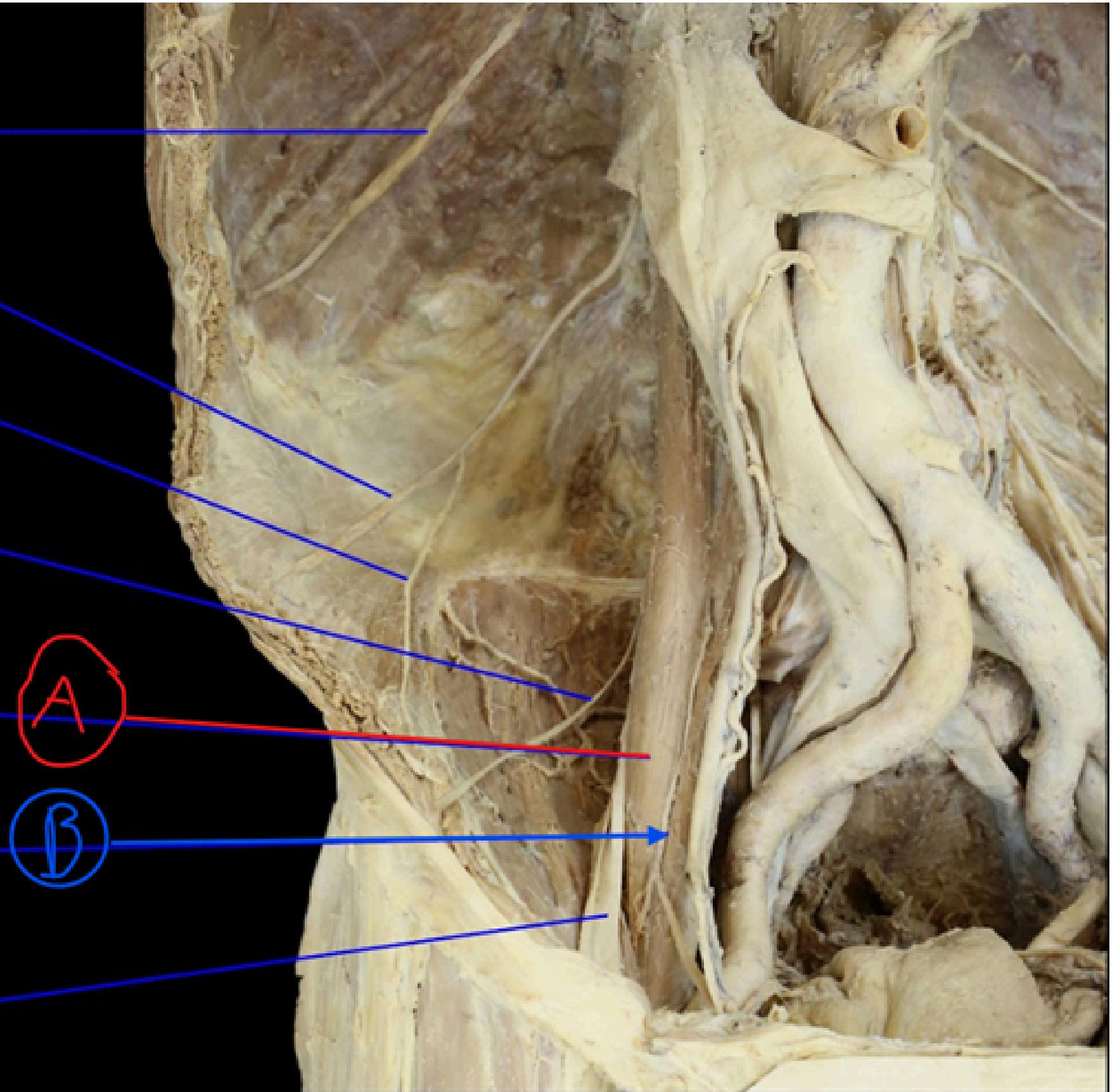
Station 4

4.1) Identify structure A

- A. Iliacus m.
- B. Psoas major m.**
- C. Psoas minor m.
- D. Quadratus lumborum m.

4.2) Identify structure B

- A. Ilioinguinal n.
- B. Lateral femoral cutaneous n.
- C. Genitofemoral n.**
- D. Femoral n.



Station 5

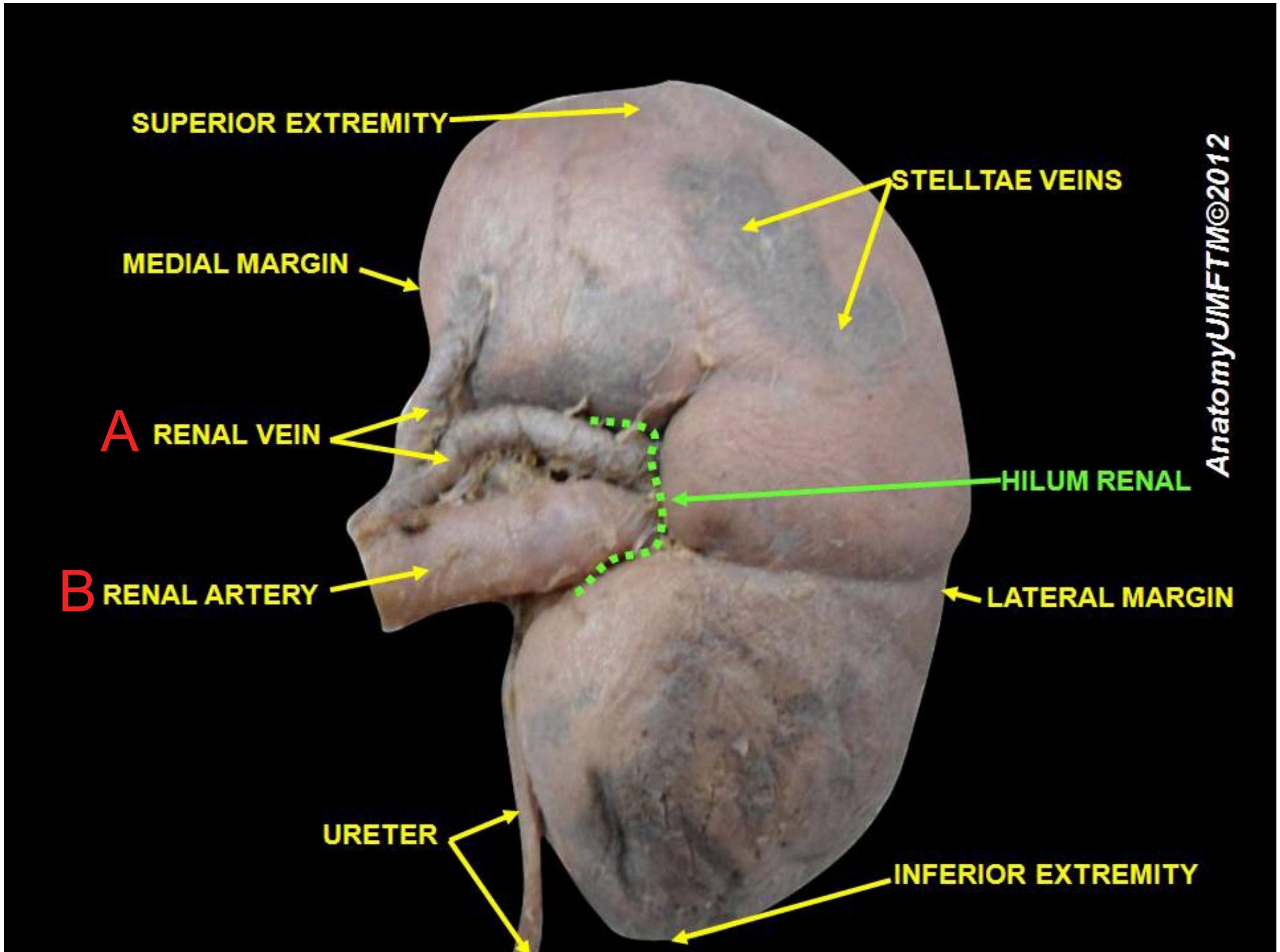
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5.1) Identify structure A

- A. Ureter
- B. Renal vein
- C. Renal artery

5.2) Identify structure B

- A. Ureter
- B. Renal vein
- C. Renal artery



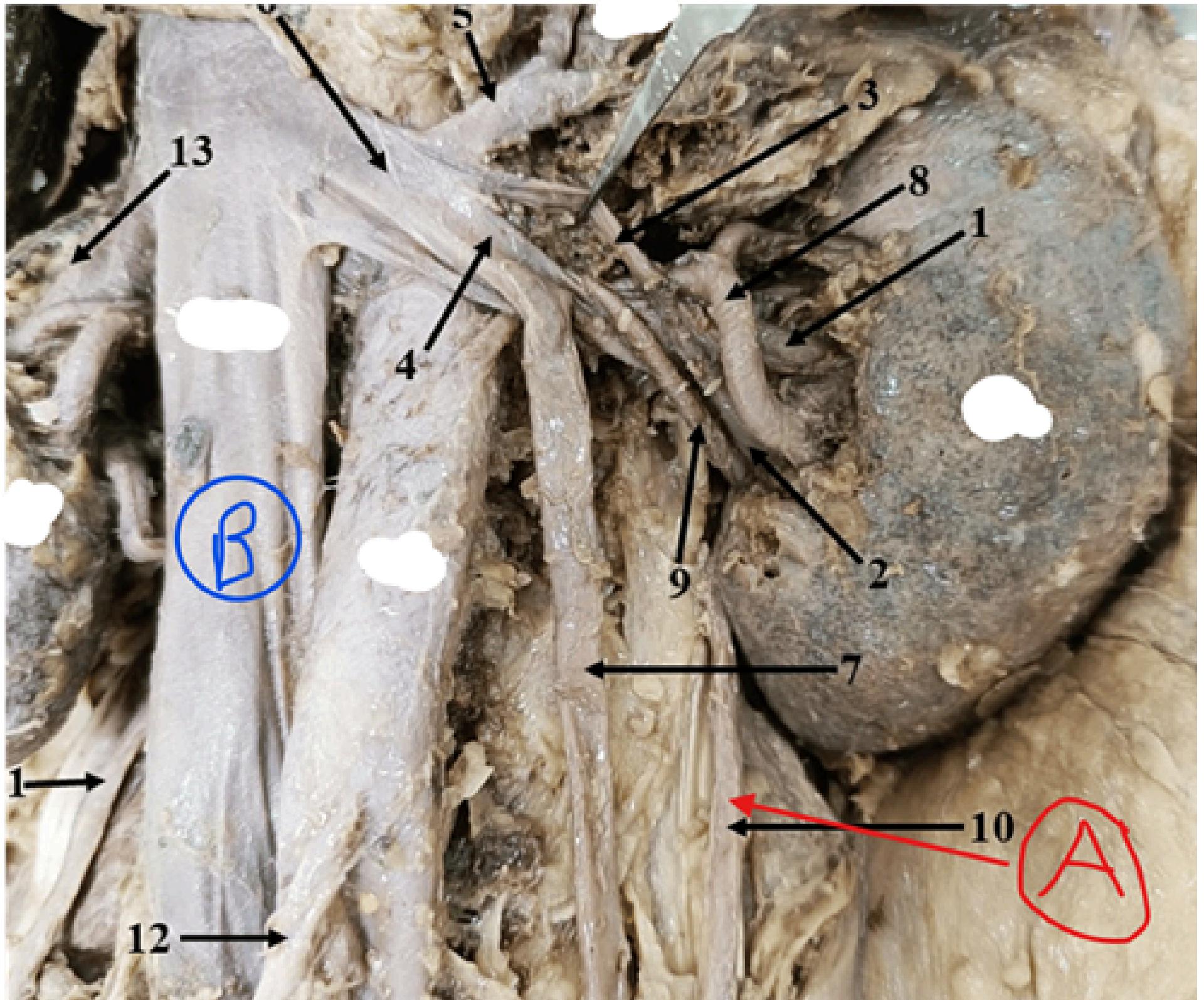
Station 6

6.1) Identify structure A

- A. Ureter
- B. Gonadal vein
- C. Gonadal artery

6.2) Identify structure B

- A. Abdominal Aorta
- B. Superior Vena Cava
- C. Inferior Vena Cava



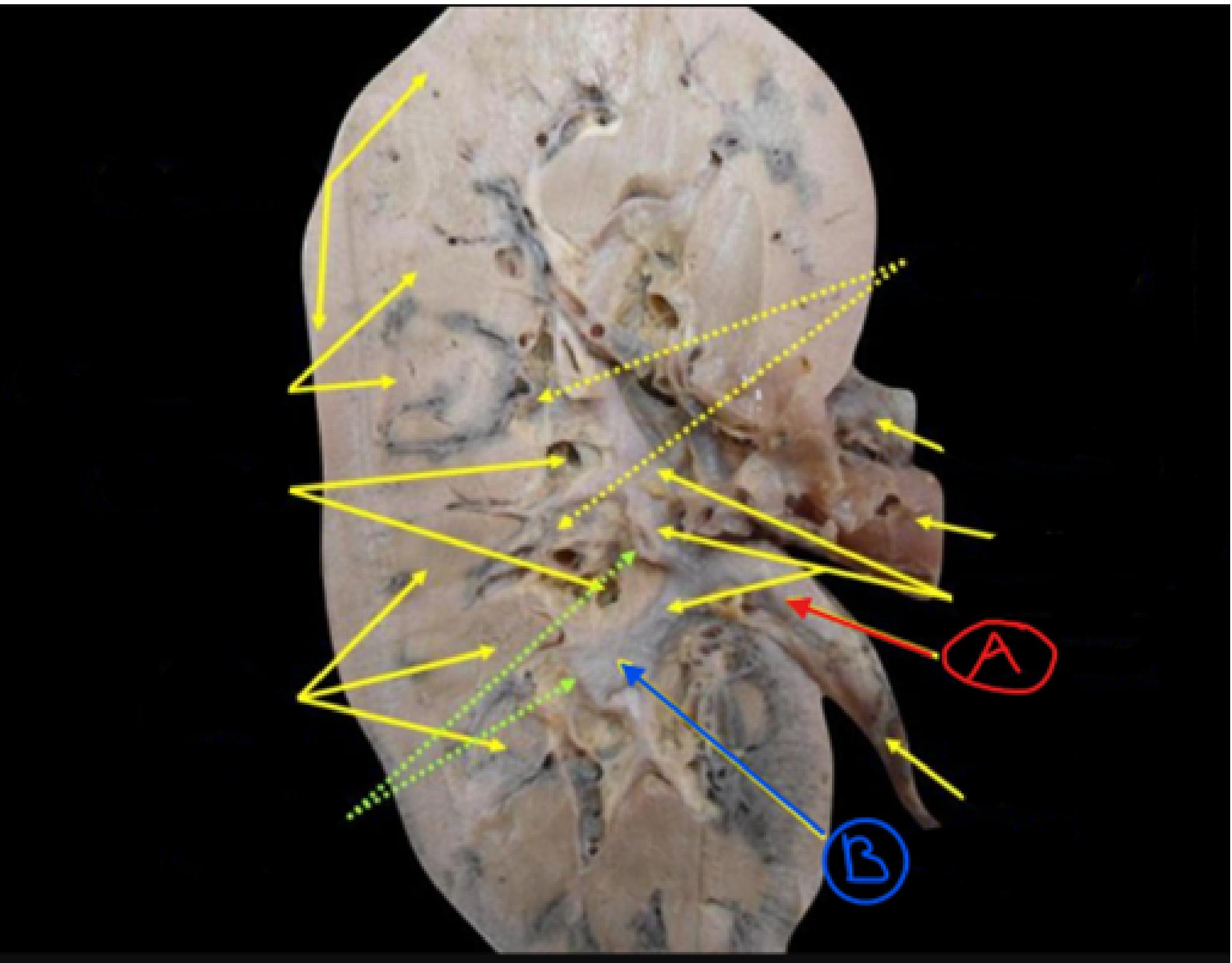
Station 7

7.1) Identify structure A

- A. Renal Pelvis
- B. Minor Calyx
- C. Major Calyx
- D. Ureter

7.2) Identify structure B

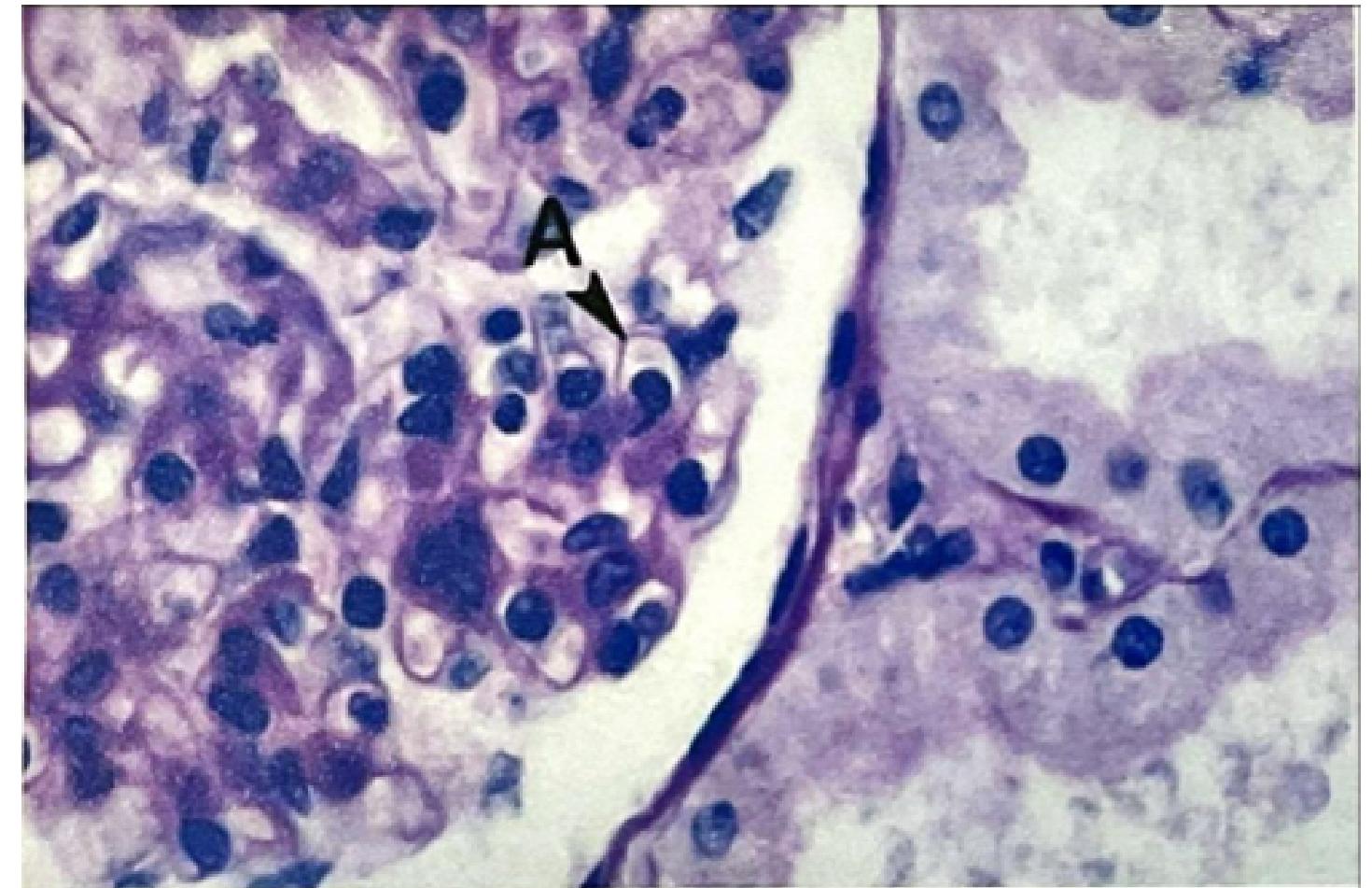
- A. Renal Pelvis
- B. Minor Calyx
- C. Major Calyx
- D. Ureter



Station 8

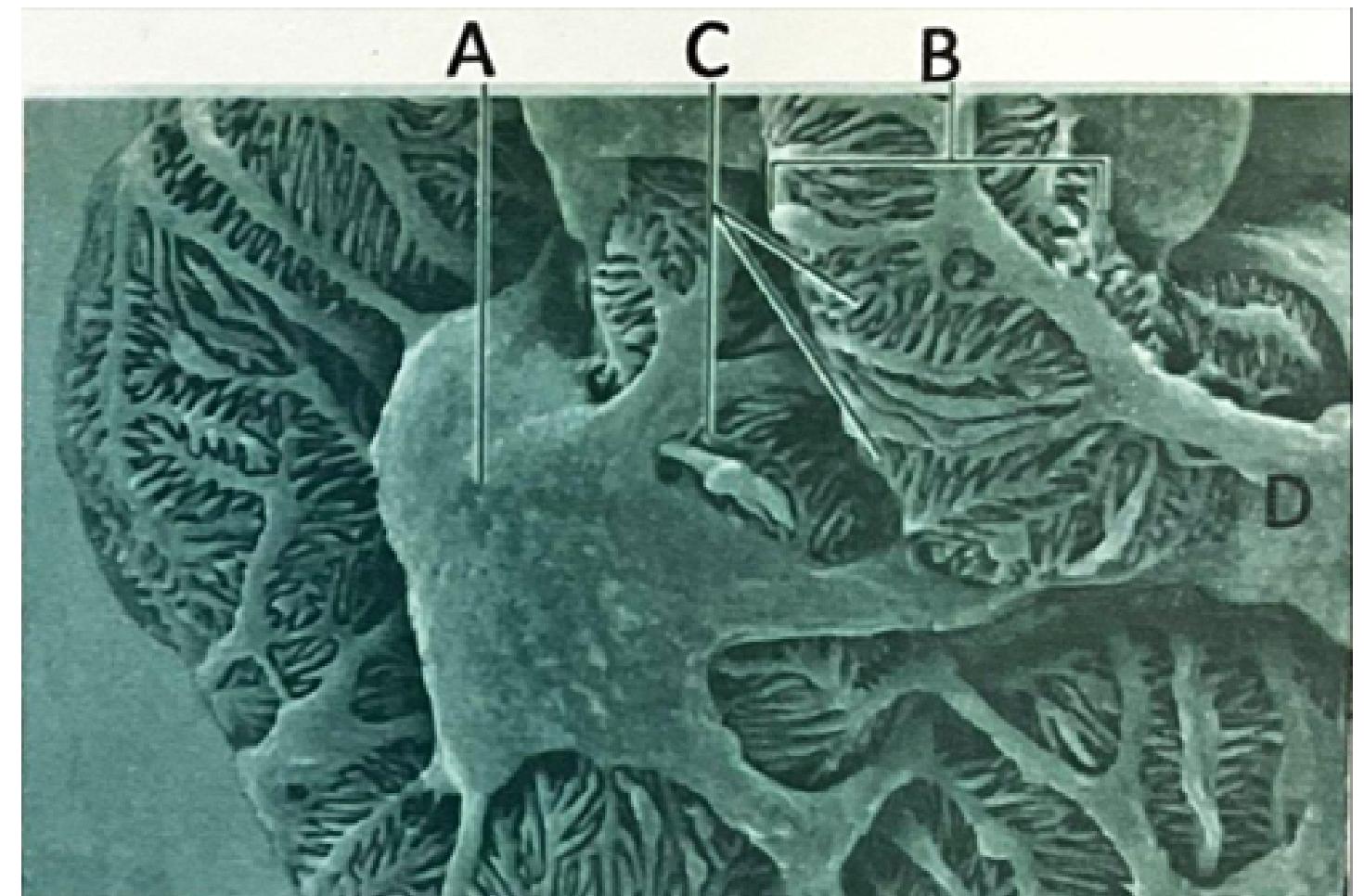
8.1) Identify structure at the end of arrow A

- A. Intra-mesangial matrix
- B. Basement membrane of glomerular endothelial cell
- C. Basement membrane of the parietal cell
- D. Basement membrane of the intra-mesangial cell



8.2) Identify pedicel

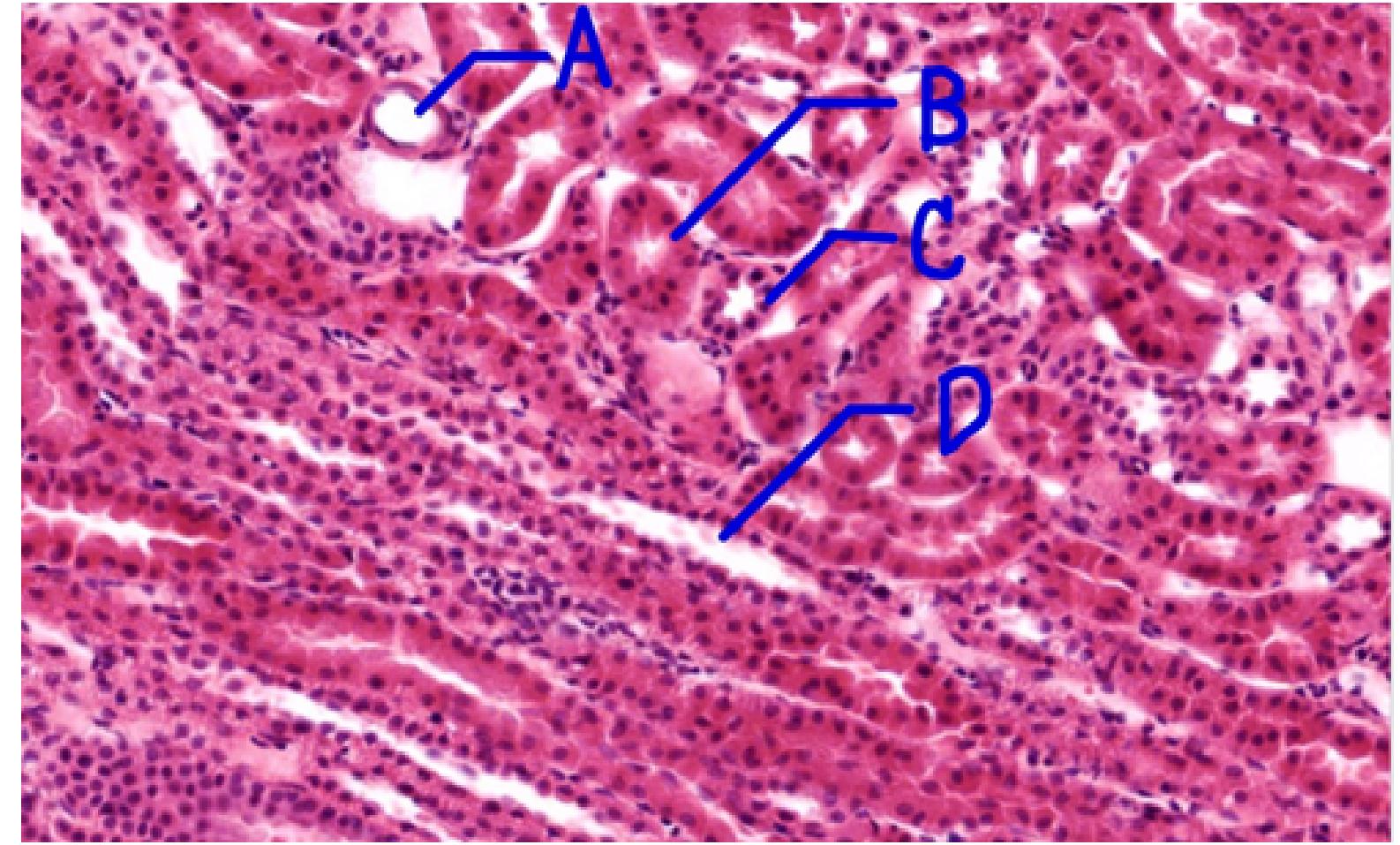
- A. A
- B. B
- C. C
- D. D



Station 9

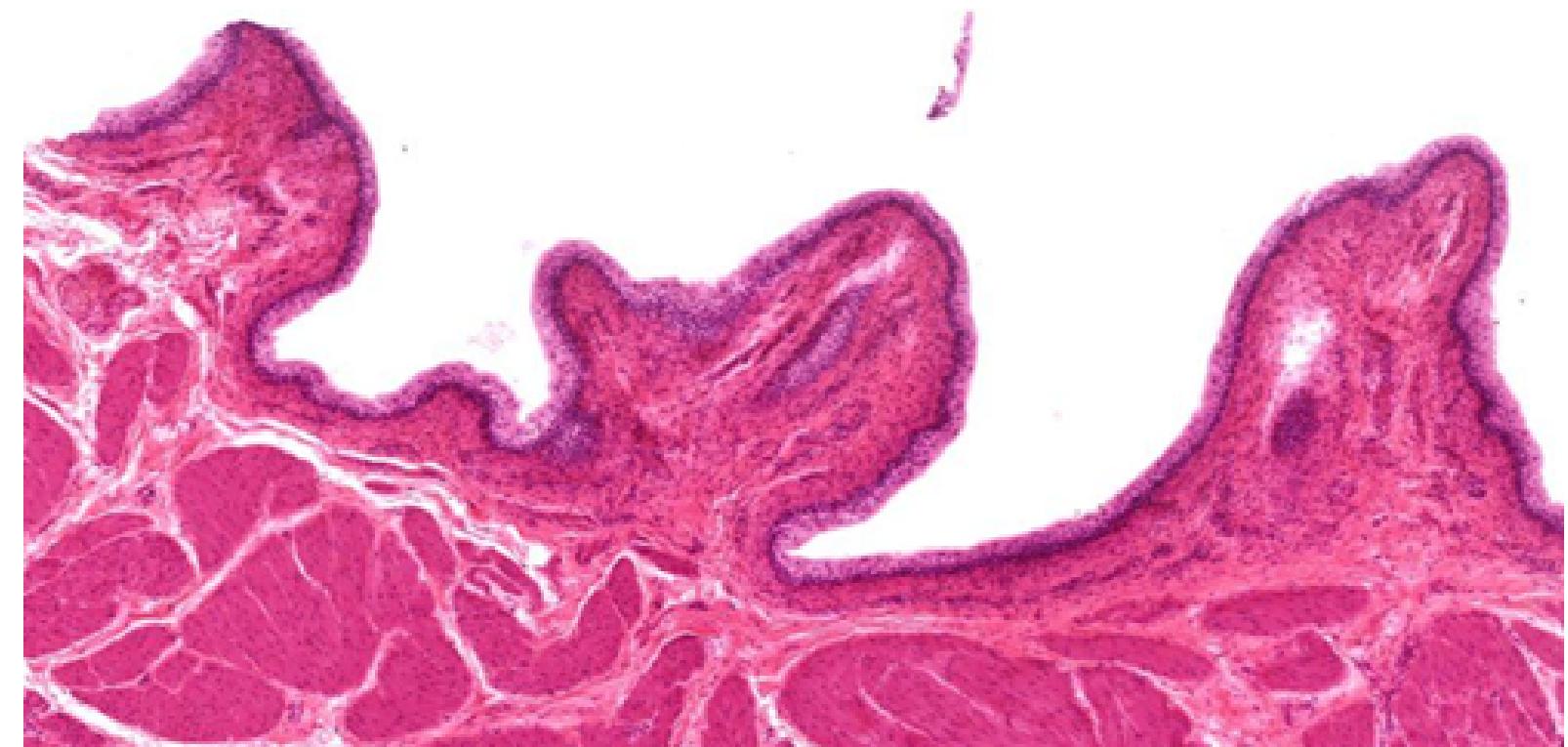
9.1) Identify the proximal convoluted tubule

- A. A
- B. B
- C. C
- D. D



9.2) Identify this organ

- A. Ureter
- B. Vas deferens
- C. Urinary bladder
- D. Prostate gland



Station 10

10.1)

A. Vascular pole

10.2)

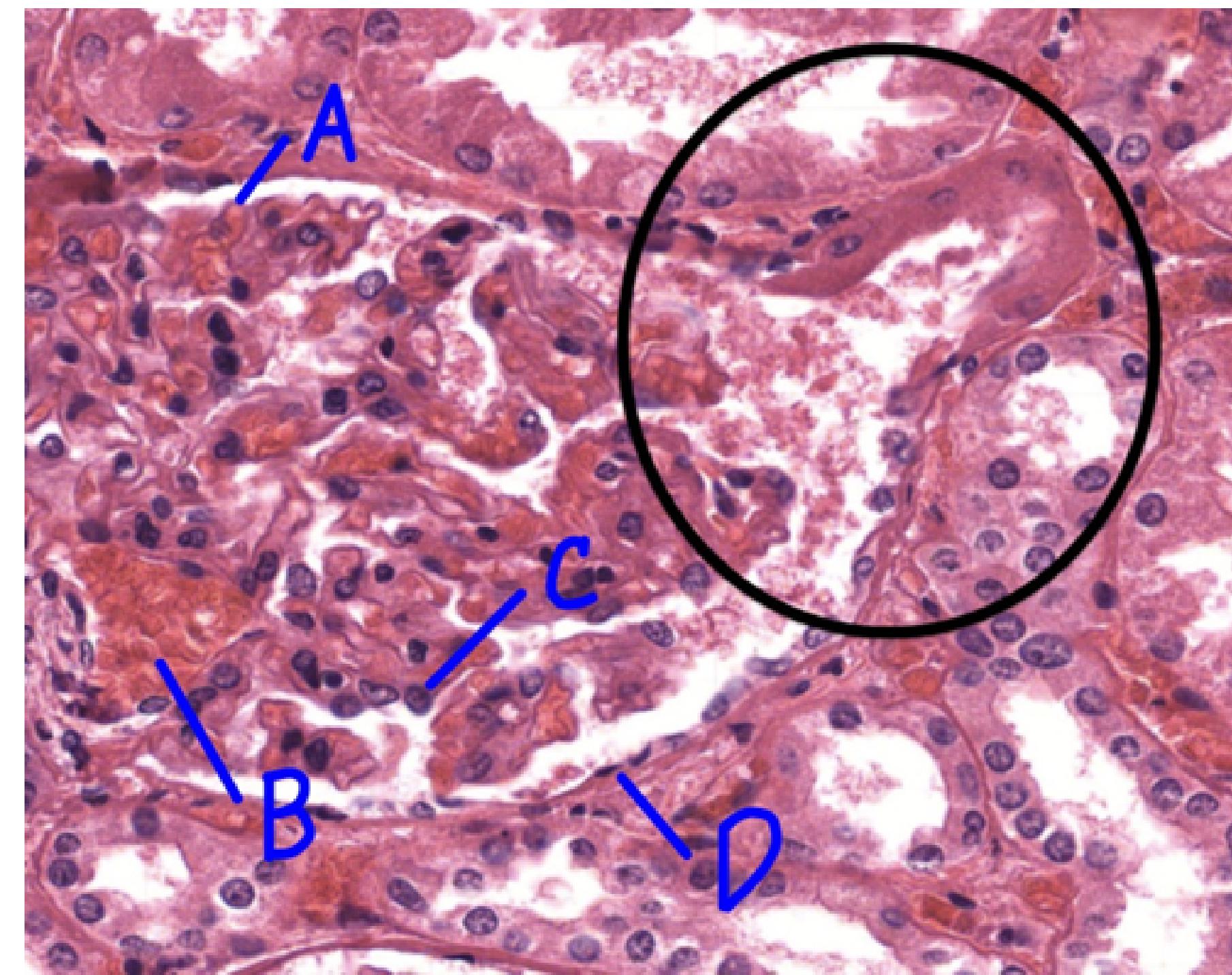
D. D consists of simple squamous cells

A = glomerular endothelial cell (Slit diaphragm is a part of podocyte, not endothelial cell)

B = extra-mesangial cell (Filtration barrier consists endothelial cell, pedicel, and glomerular basement membrane)

C = podocyte (It forms a visceral layer of Bowman's capsule.)

D = parietal layer of Bowman's capsule

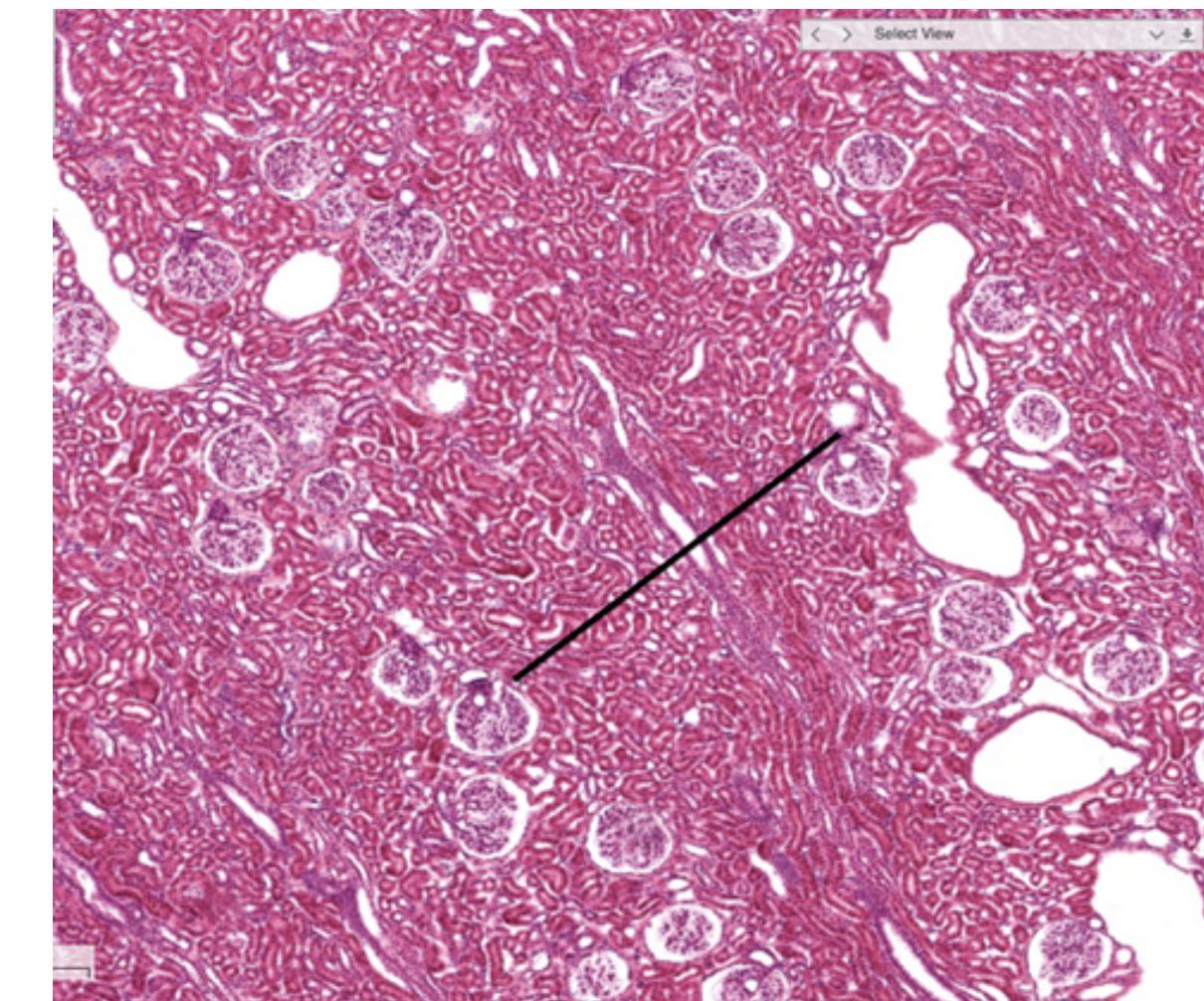


Station 11

11.1)

A. Vascular pole

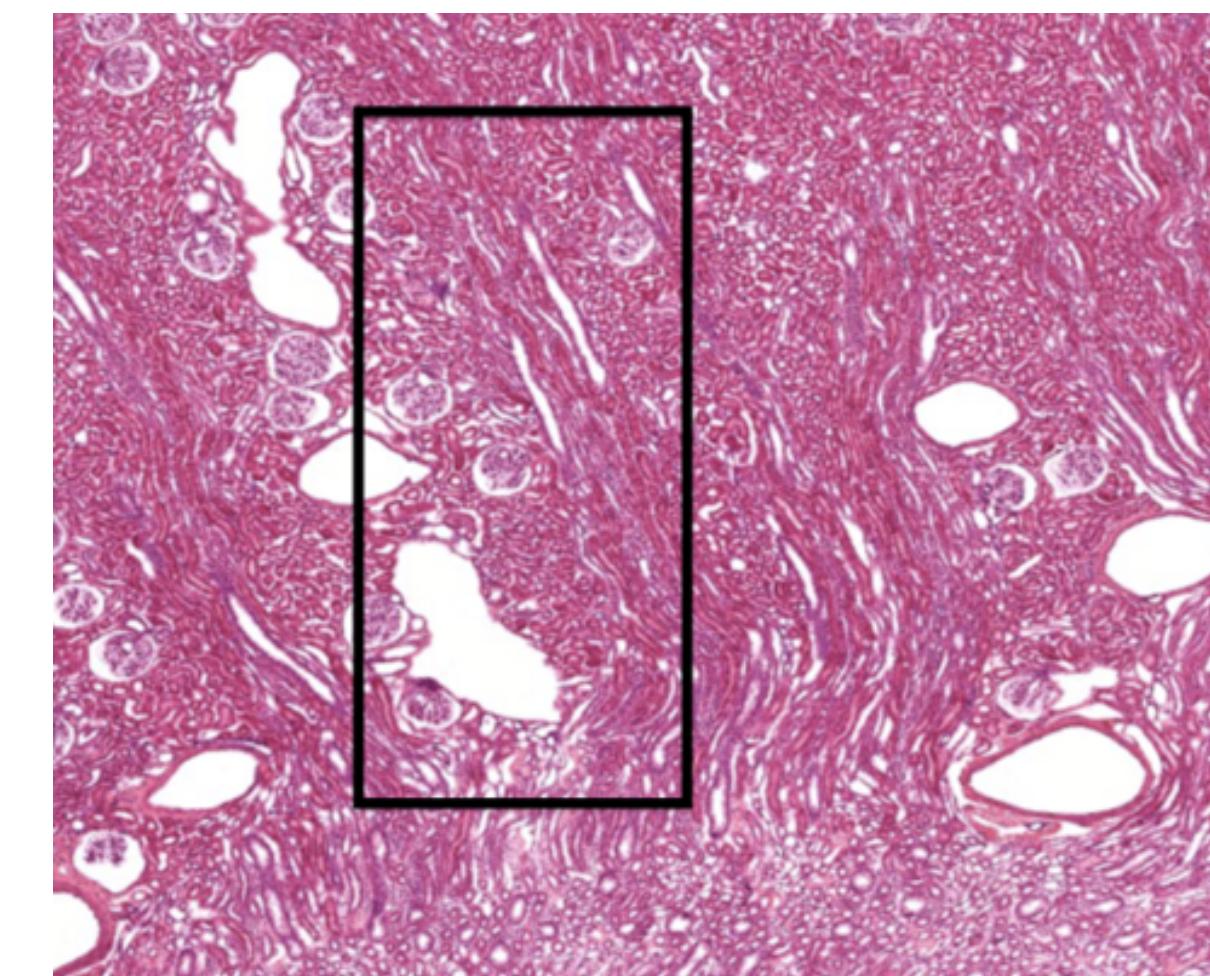
This area is a renal lobule, which is between interlobar arteries.



11.2)

D. Ascending limb of juxtamedullary nephron

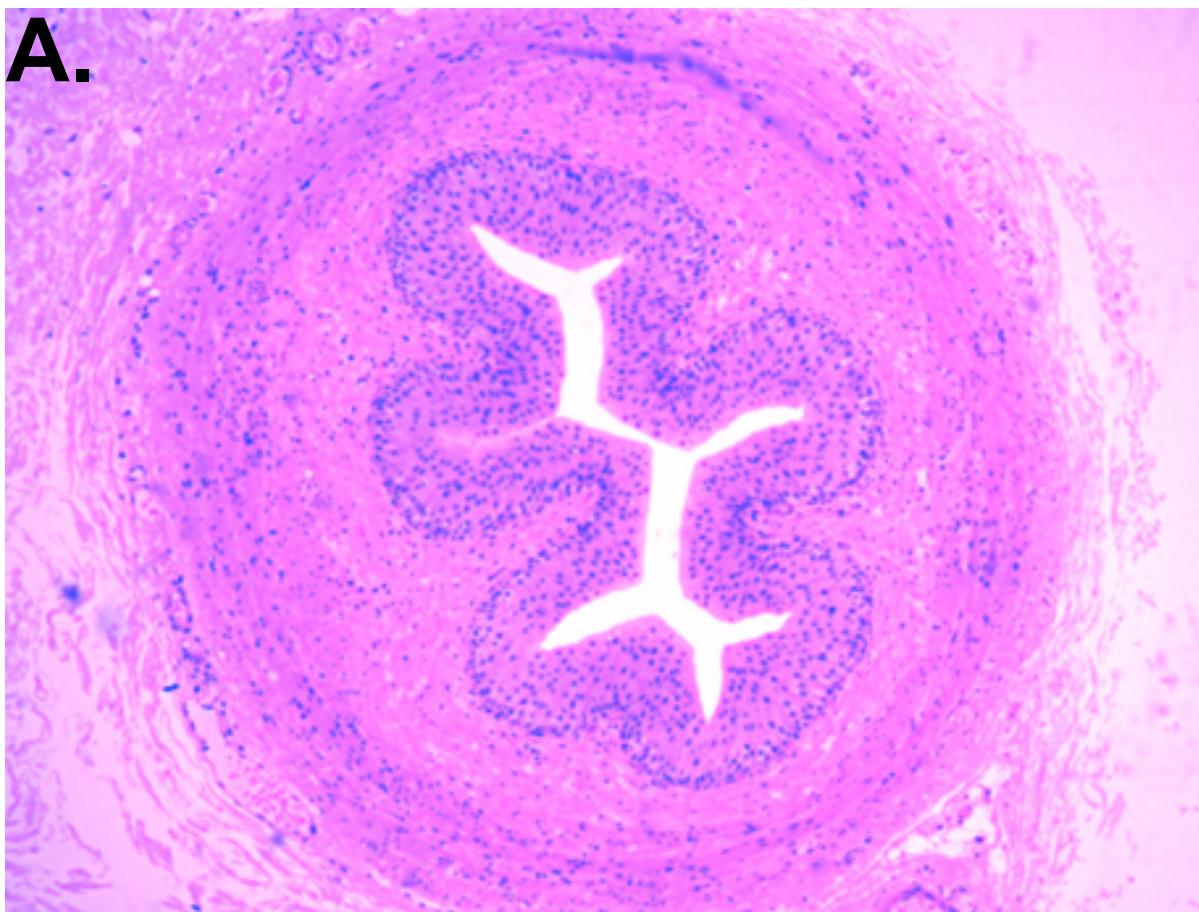
This structure is the renal cortex. Ascending limb of the juxtamedullary nephron is found in the renal medulla.



Station 12

12.1) Which structure is a passage for both semen and urine?

- A. A
- B. B
- C. C
- D. D



12.2) Identify ureter

- A. A
- B. B
- C. C
- D. D

