



Data base of Histology Color slides

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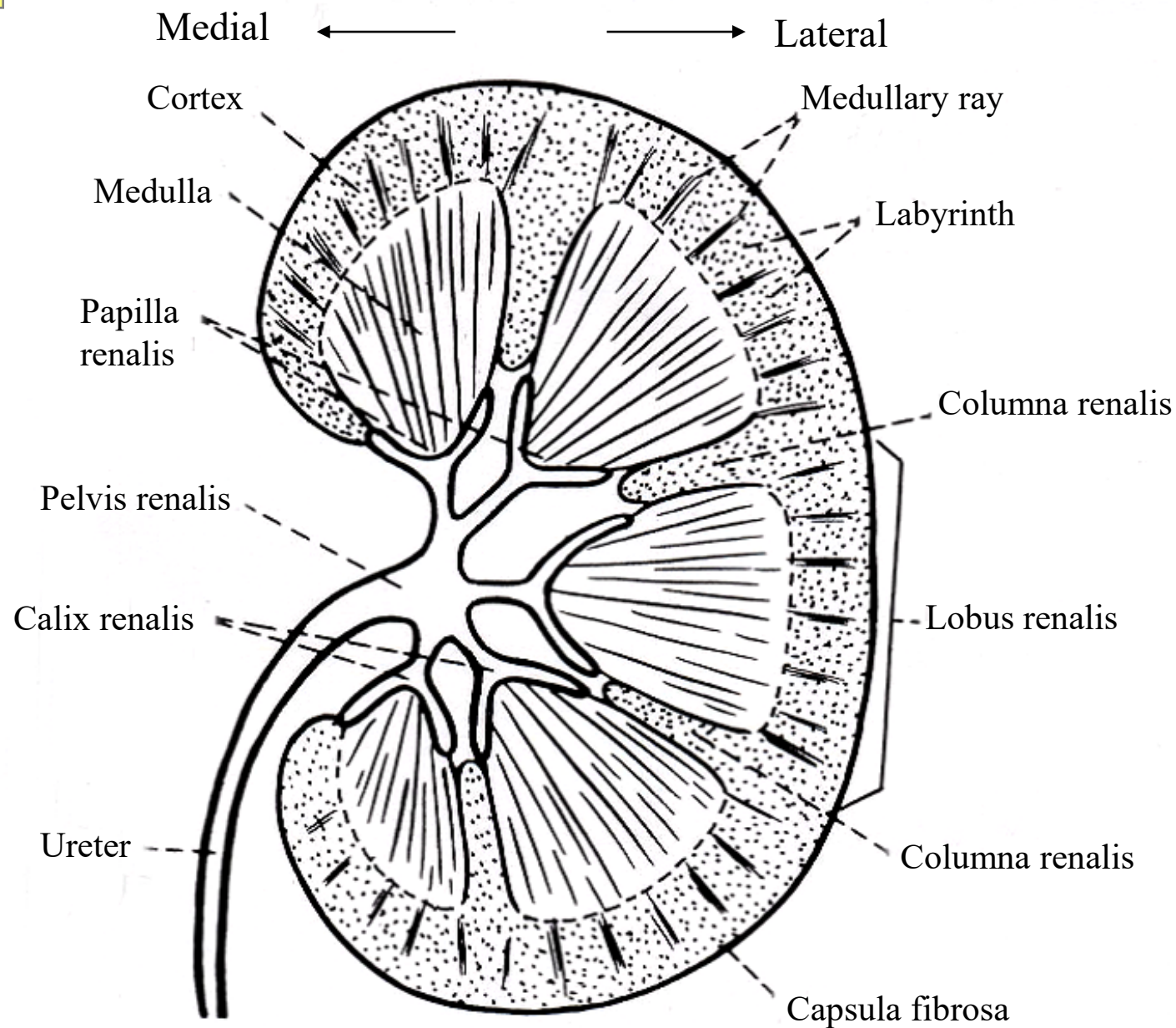
15

Urinary system

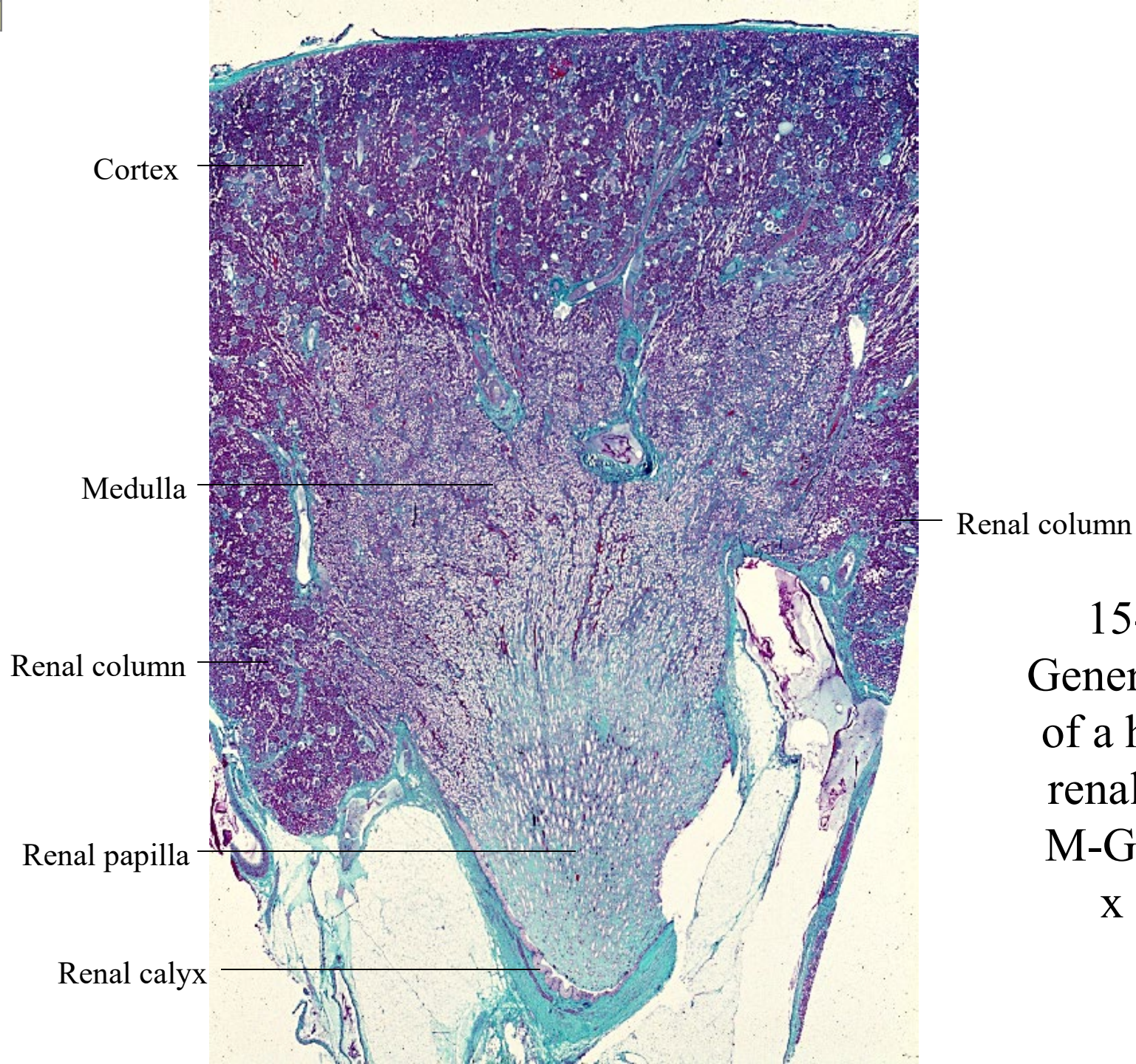


15-001

Kidney



15-01.
Frontal section
of
human kidney.
(Scheme).

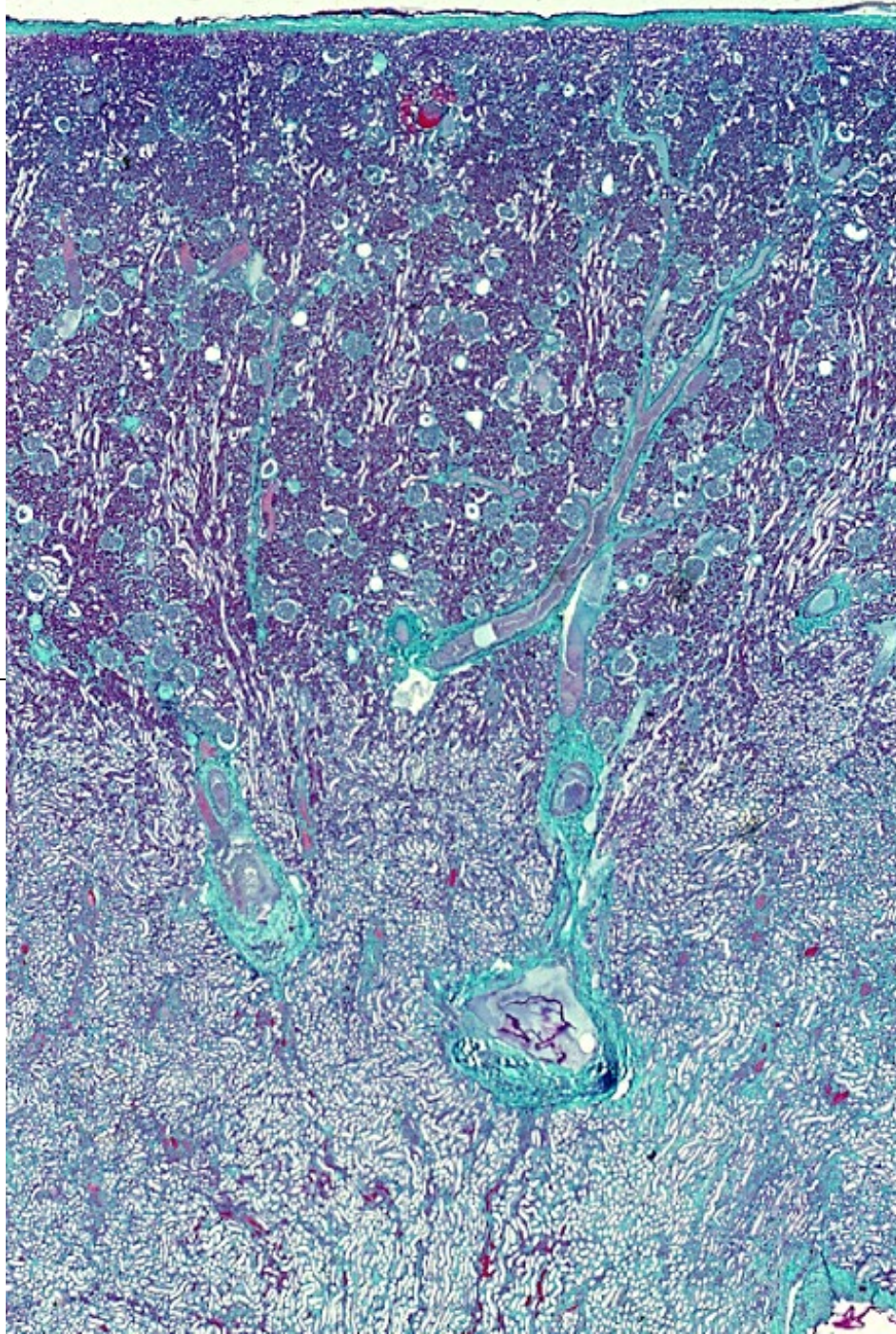


15-02.
General view
of a human
renal lobe.
M-G stain,
x 1.6.



Cortex

Medulla



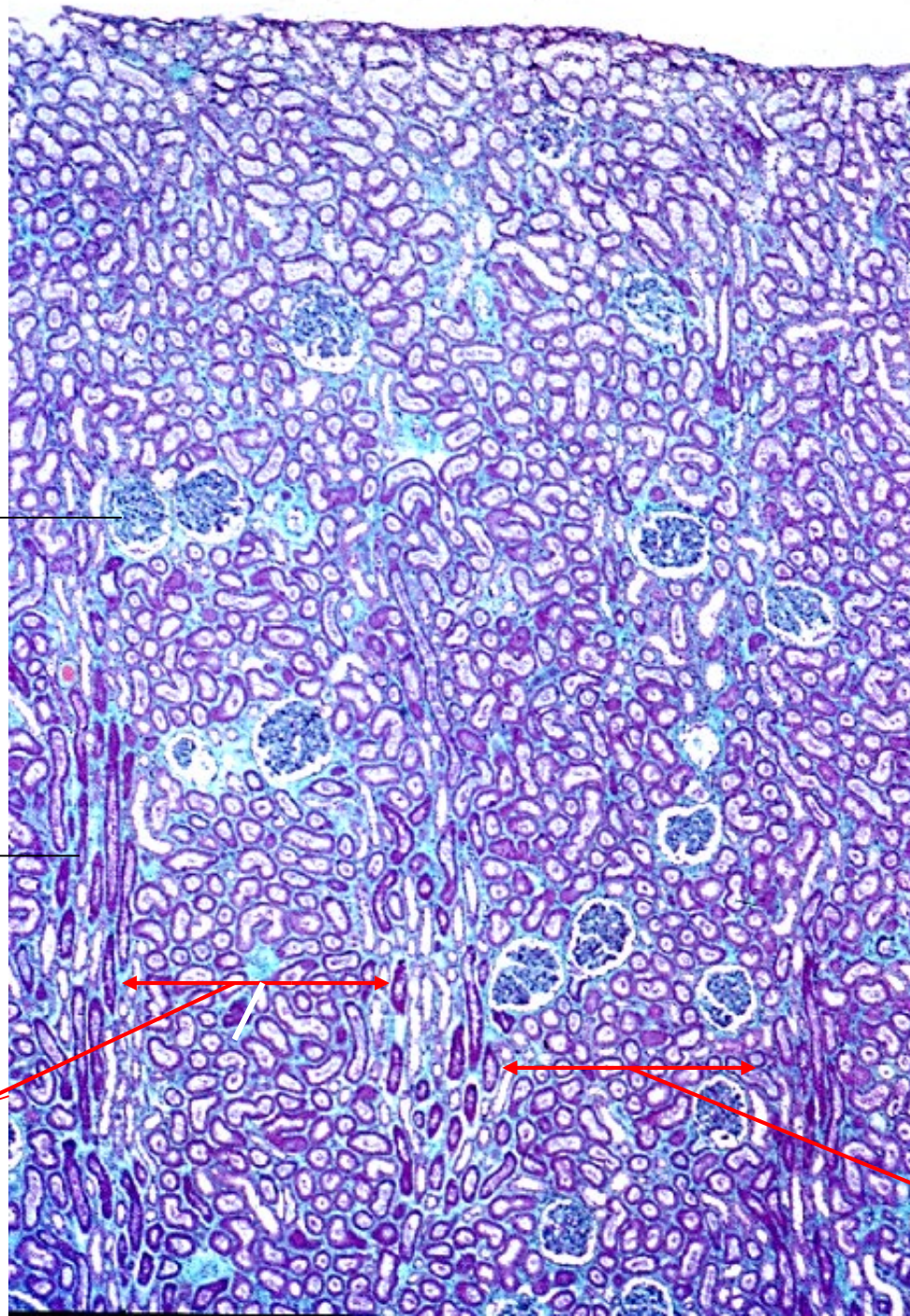
15-03.
Cortex and
medulla
of a renal lobe.
Human,
M-G stain,
x 3.0.



Papilla

Renal calix

15-04.
Medulla, papilla
and calyx
of a renal lobe,
general view.
Human,
MG stain,
x 3.0.



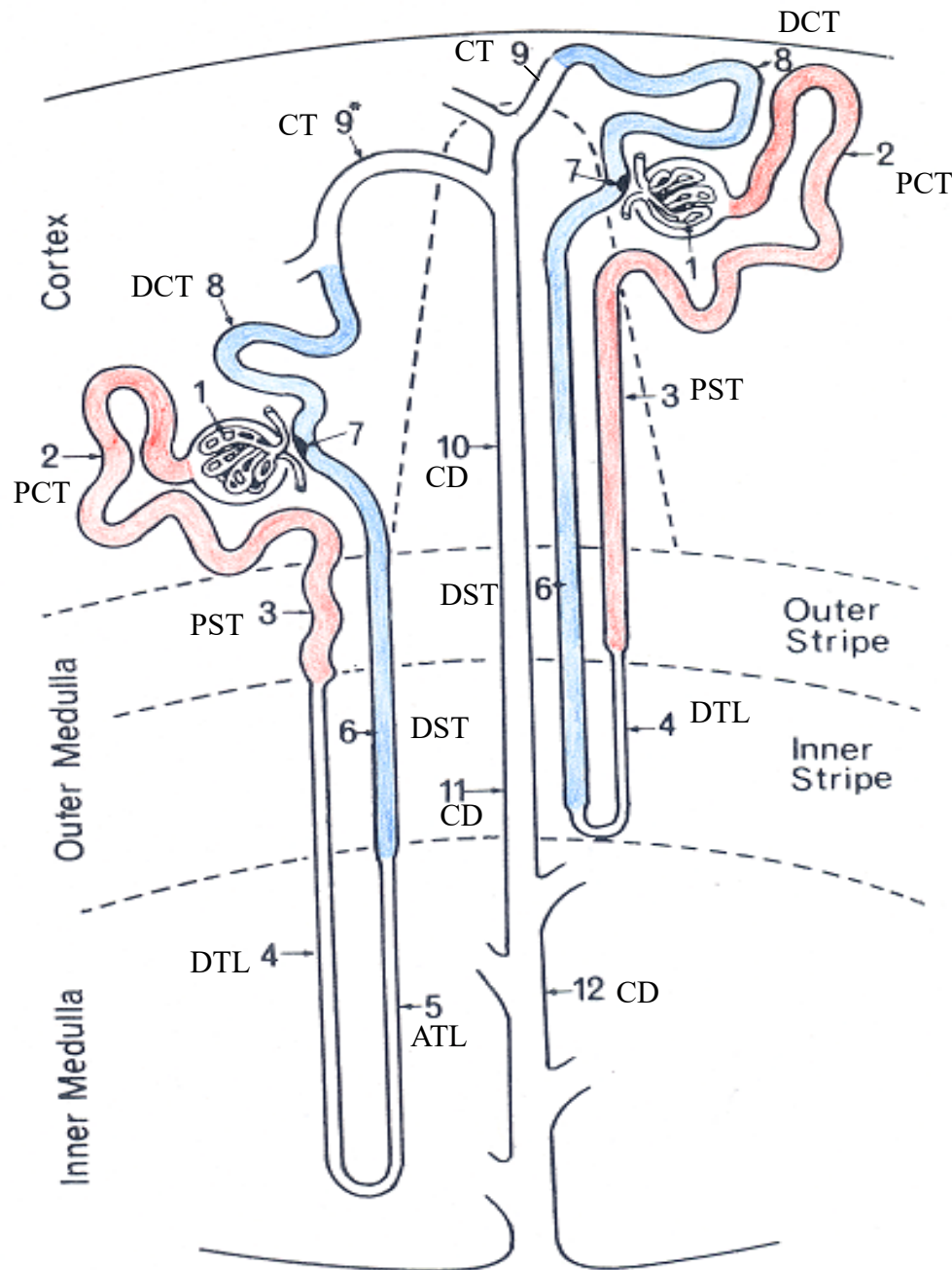
Renal corpuscle

Medullary ray

Labyrinth

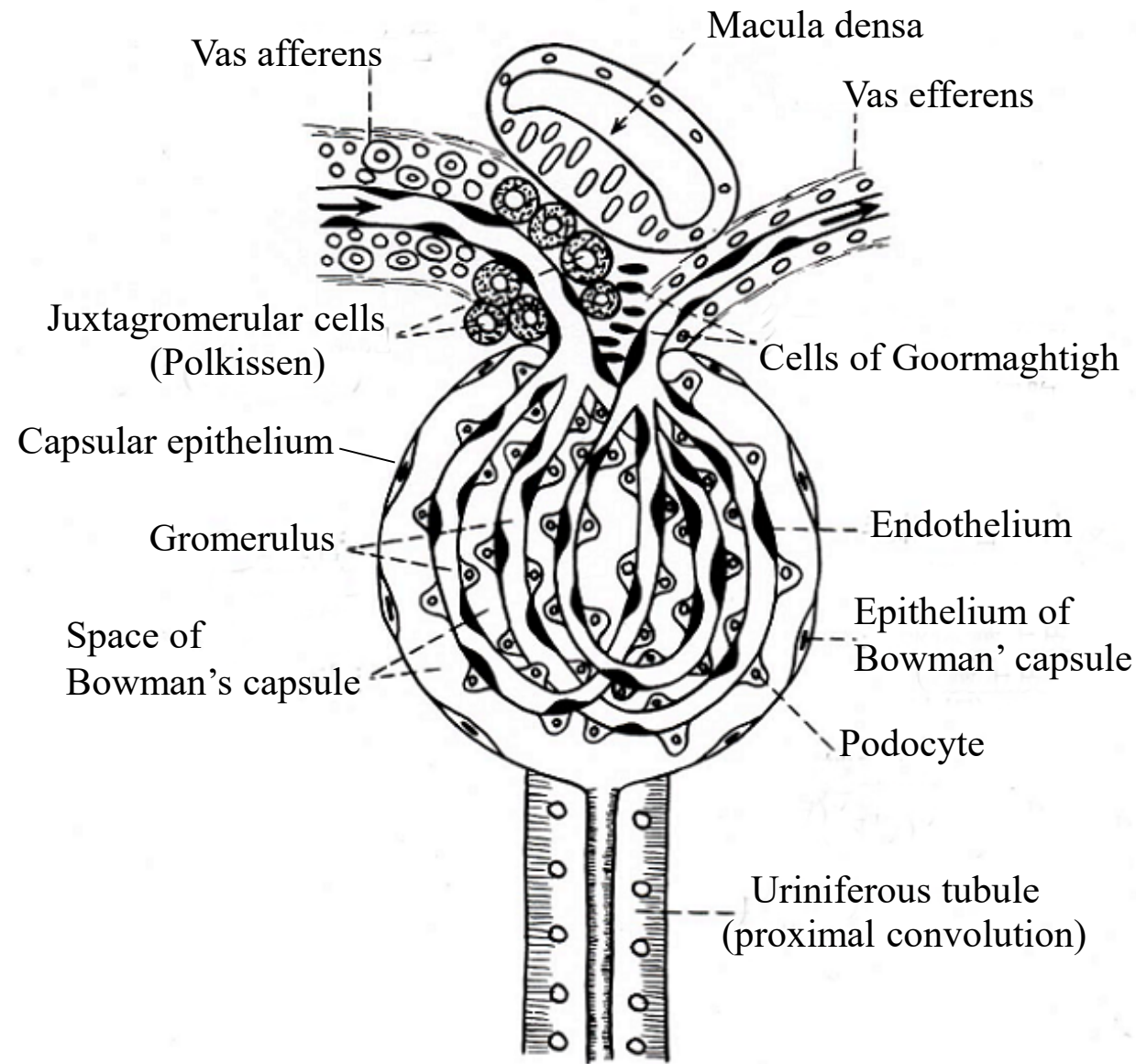
Labyrinth

15-05.
Cortex 1.
Human,
MG stain,
x 10.

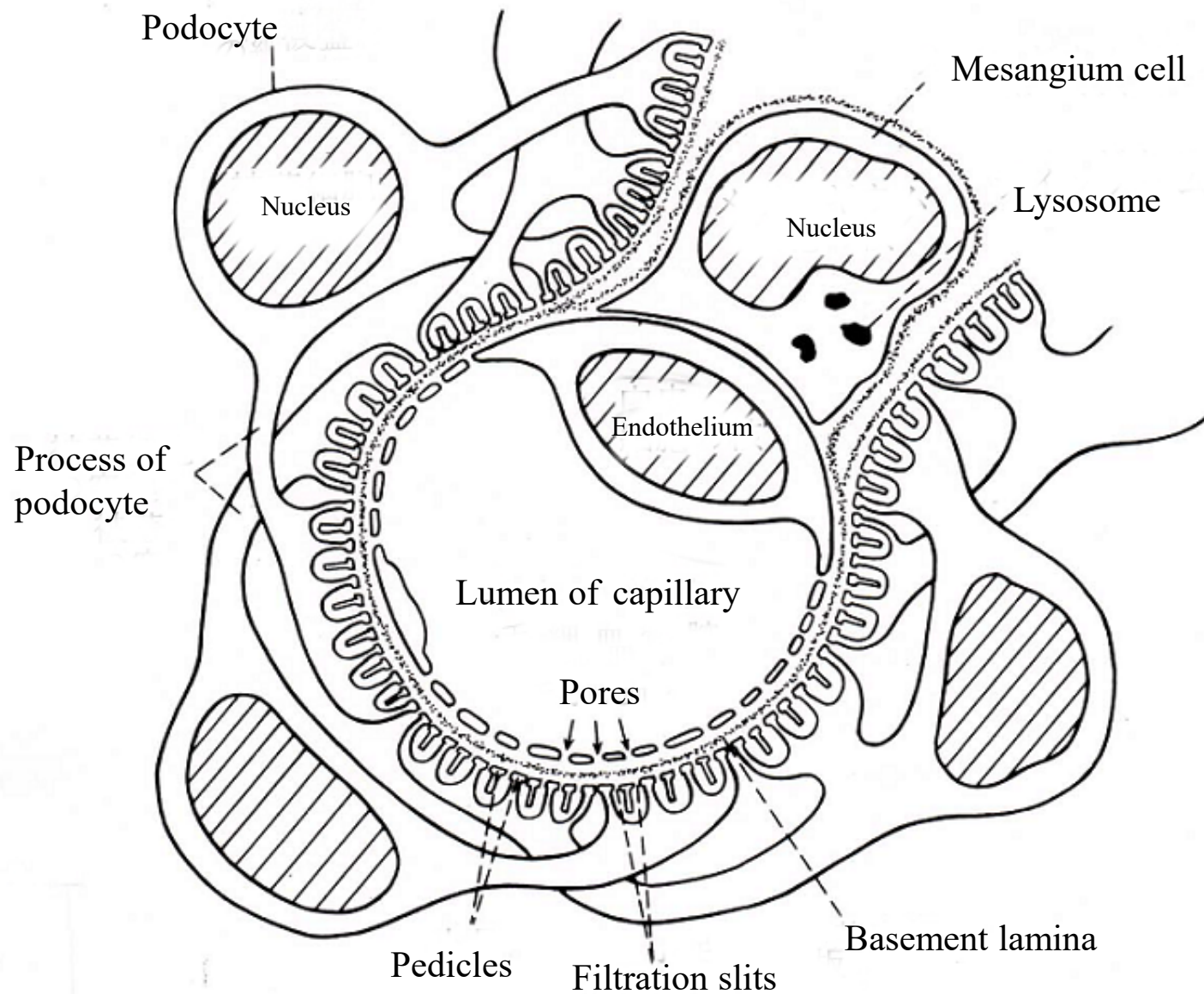


- 1 Glomerulus
- 2 Proximal tubule, pars convoluta
- 3 Proximal tubule, pars recta
- 4 Intermediate tubule, descending thin limb
- 5 Intermediate tubule, ascending thin limb
- 6 Distal tubule, ascending thick limb
- 7 Macula densa
- 8 Distal tubule, pars convoluta
- 9 Connecting tubule
- 10,11,12 Collecting duct

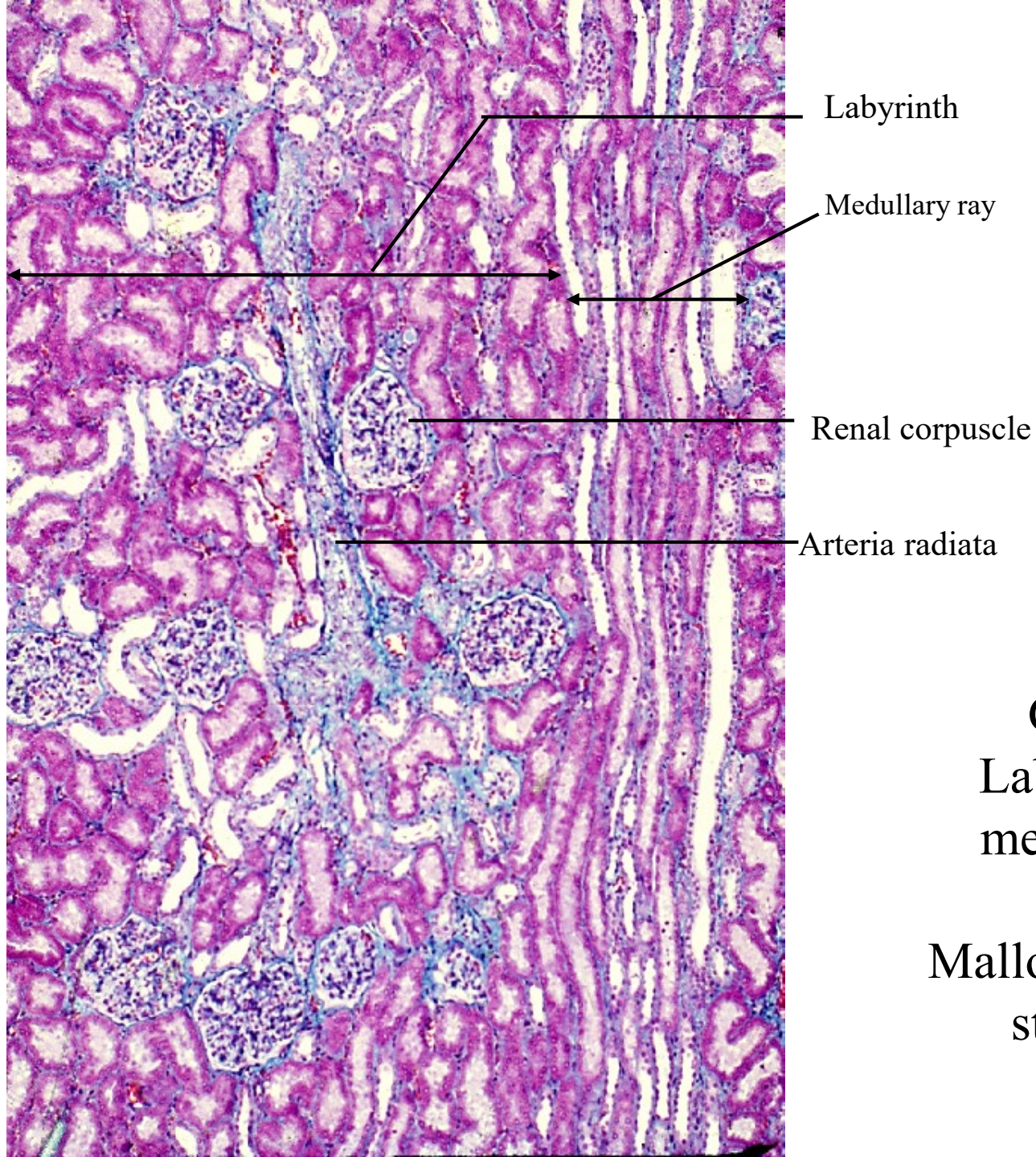
15-06
Scheme of
uriniferous tubules



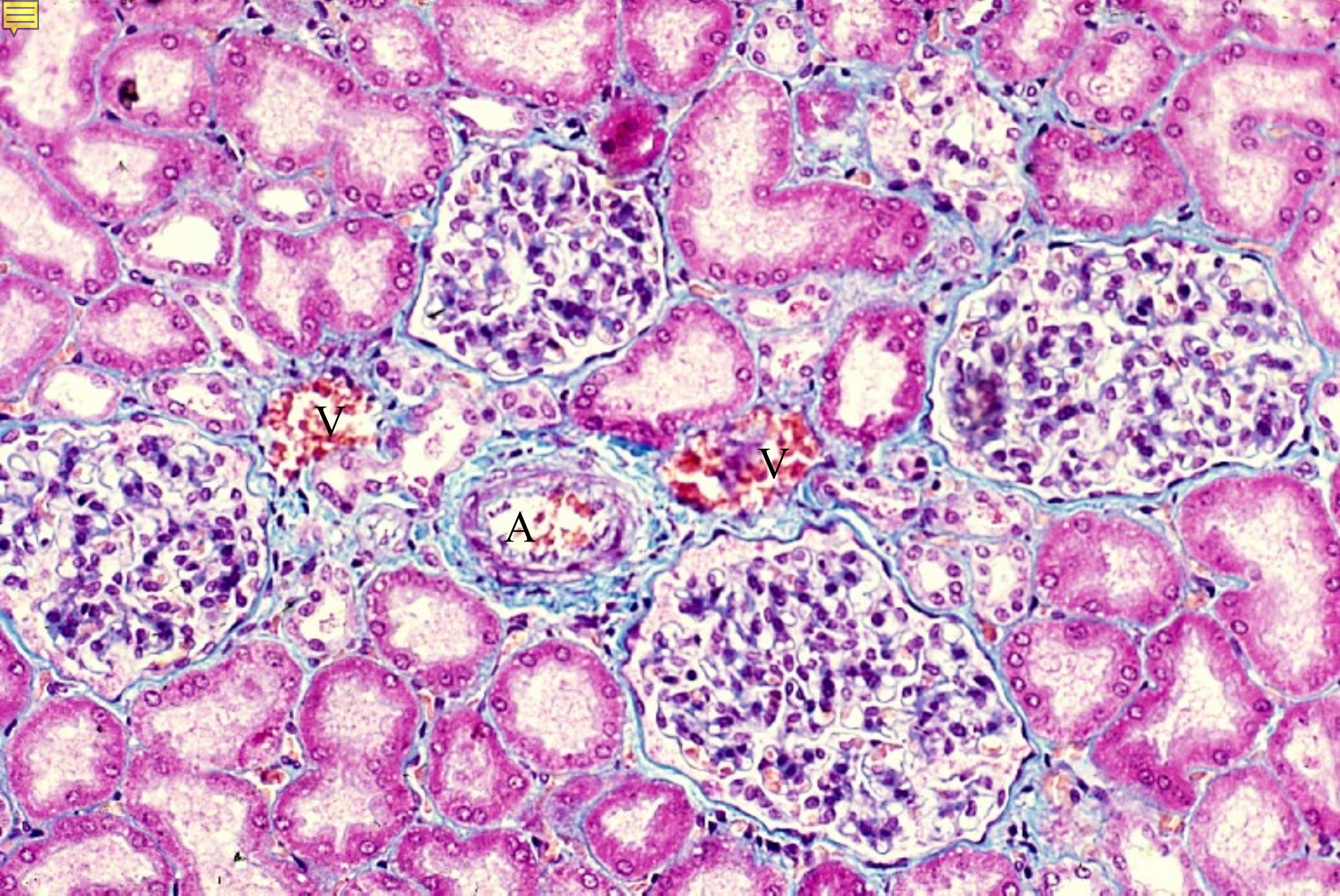
15-07.
Scheme
showing
the structure of
a renal
corpuscle.



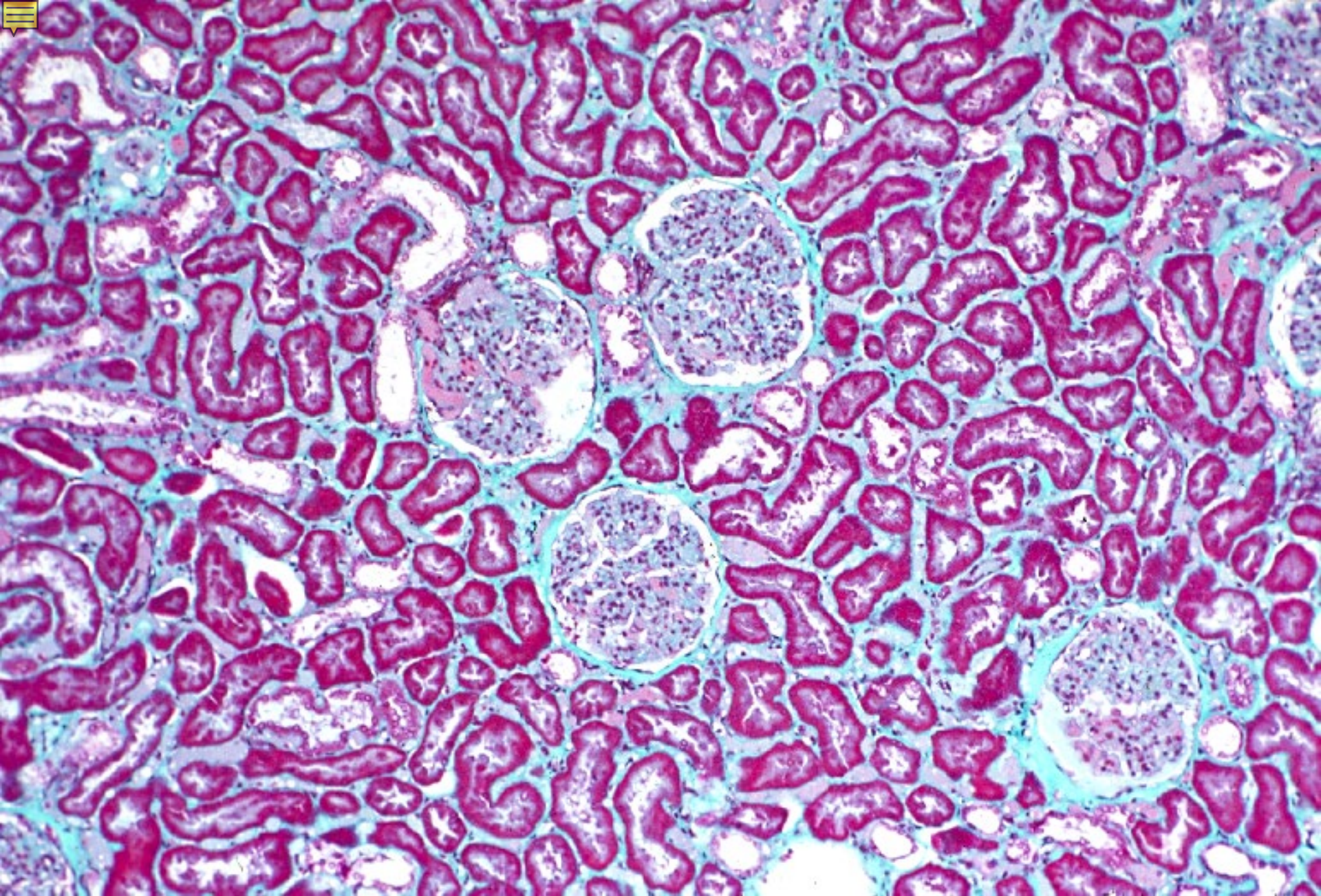
15-08. Scheme showing the structure of glomerulus, based on electron microscopy.



15-09.
Cortex 2.
Labyrinth and
medullary ray.
Human,
Mallory-Crossmon
stain, x 25.



15-10. Cortex 3. Labyrinth 1. Human, Mallory-Crossmon stain, x 64.



15-11. Cortex 4. Labyrinth 2. Human, MG stain, x 25.



Macula densa

Vas afferens

Vas efferens

Glomerulus

Capsular epithelium

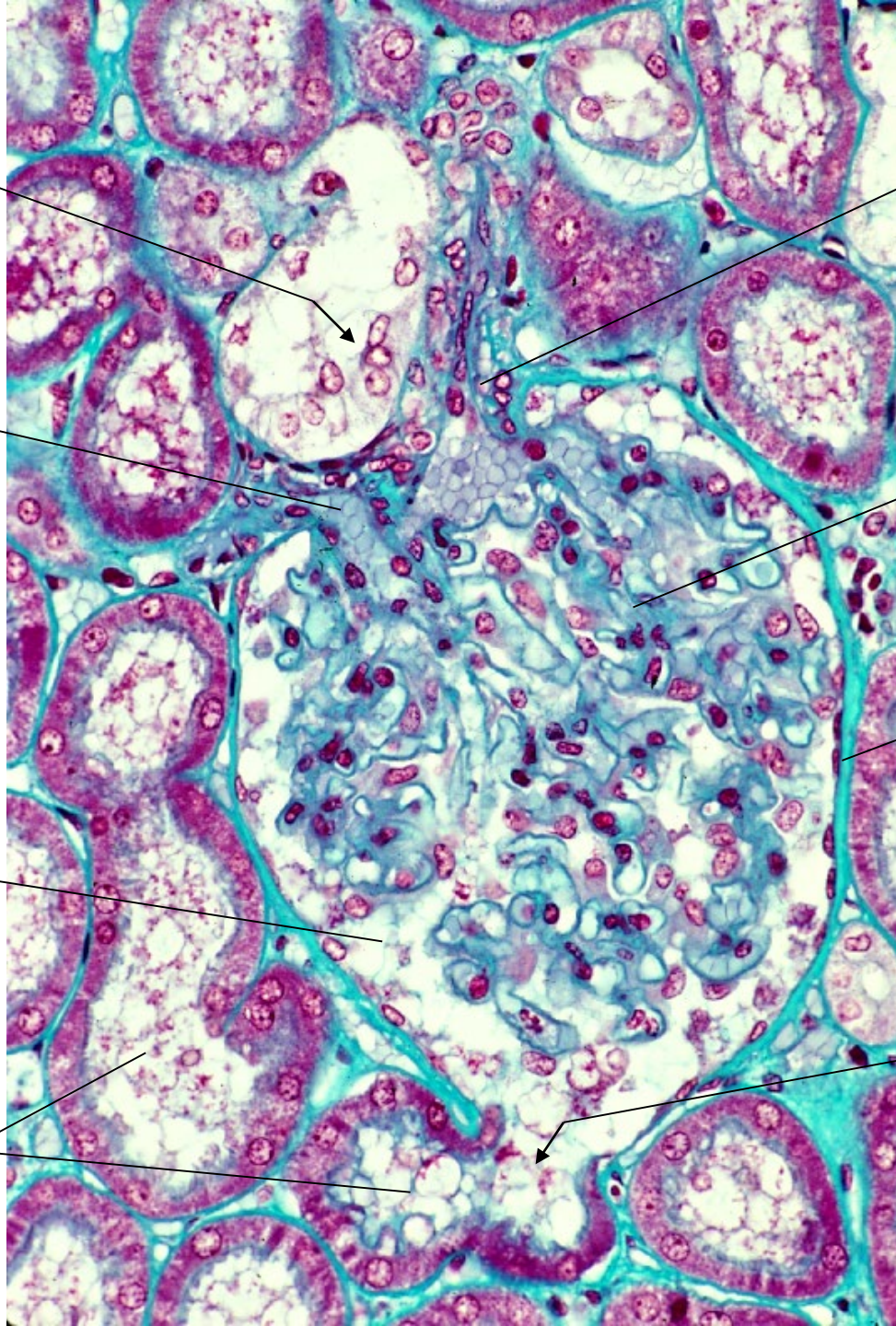
Space of
Bowman

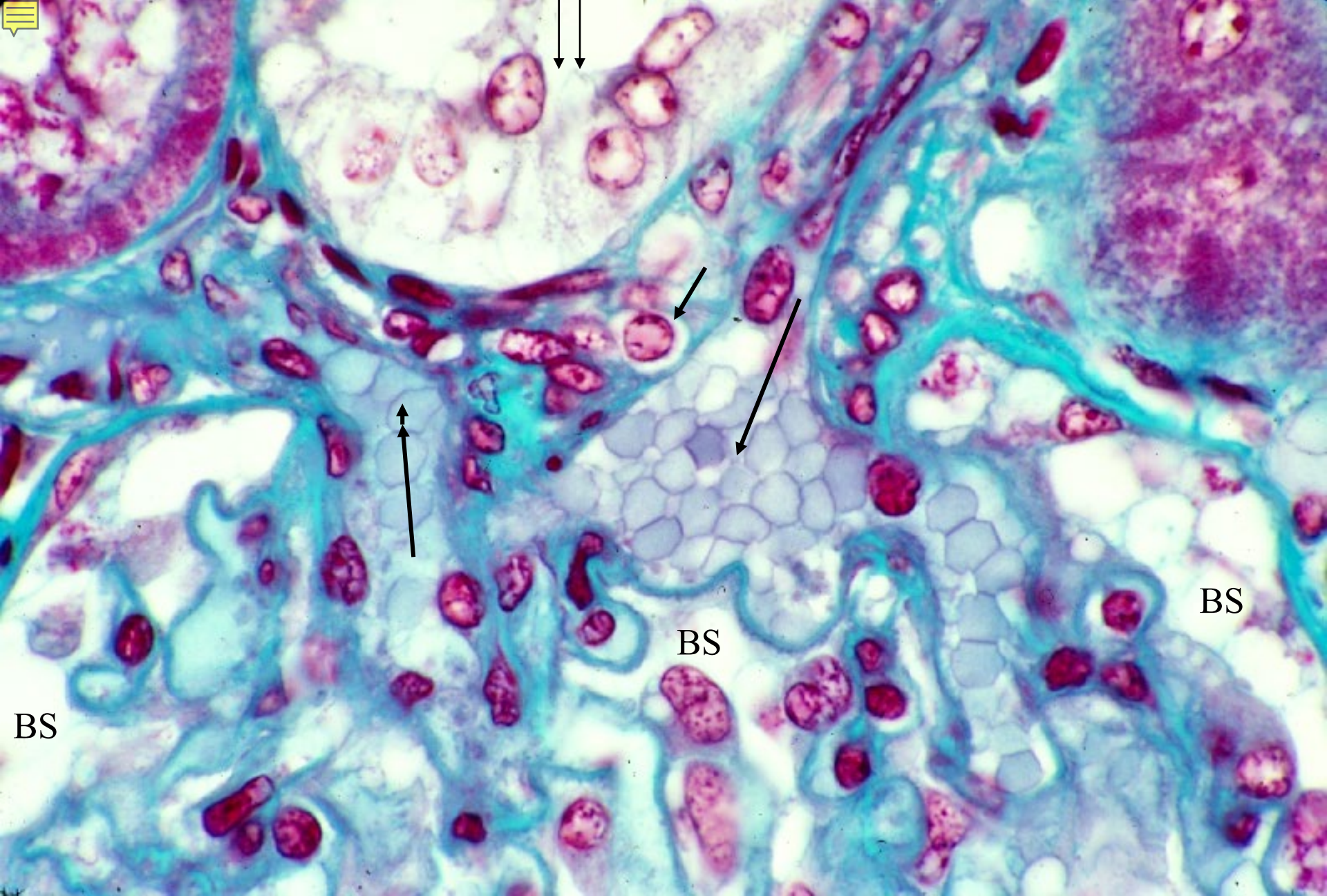
15-12.
Renal
corpuscle
1.

Urinary
pole

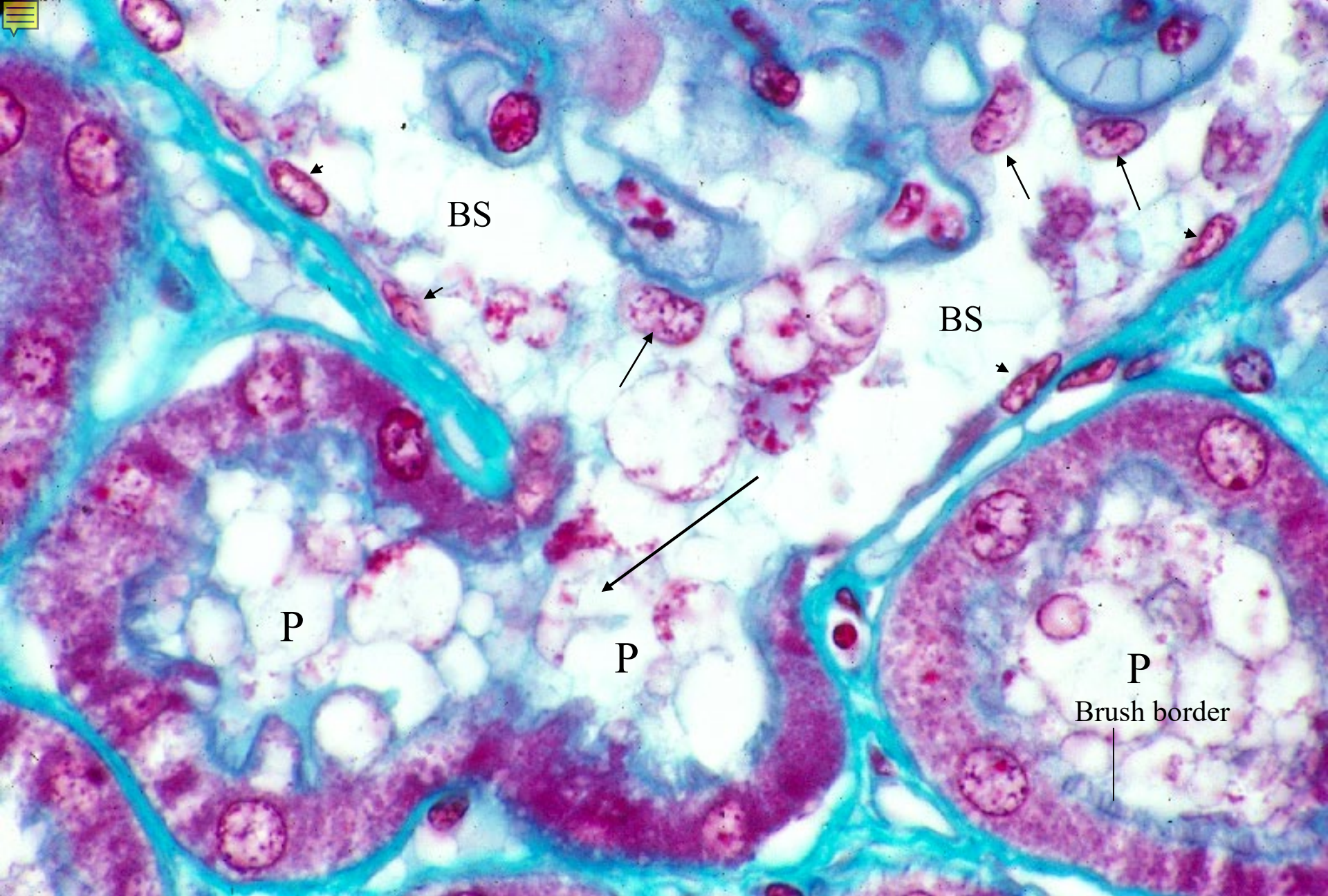
Proximal
convolutions

Human,
MG stain,
x 100.

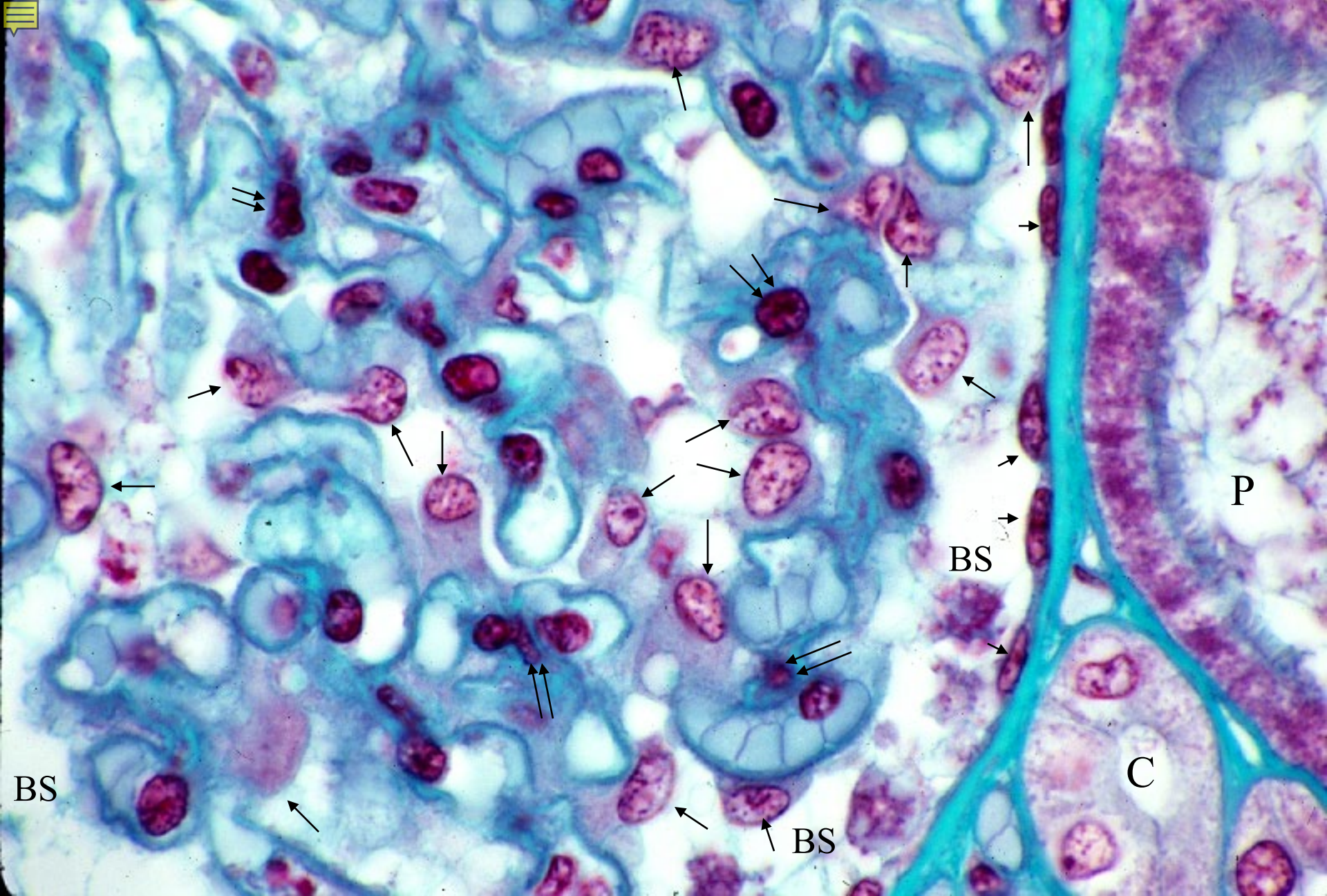




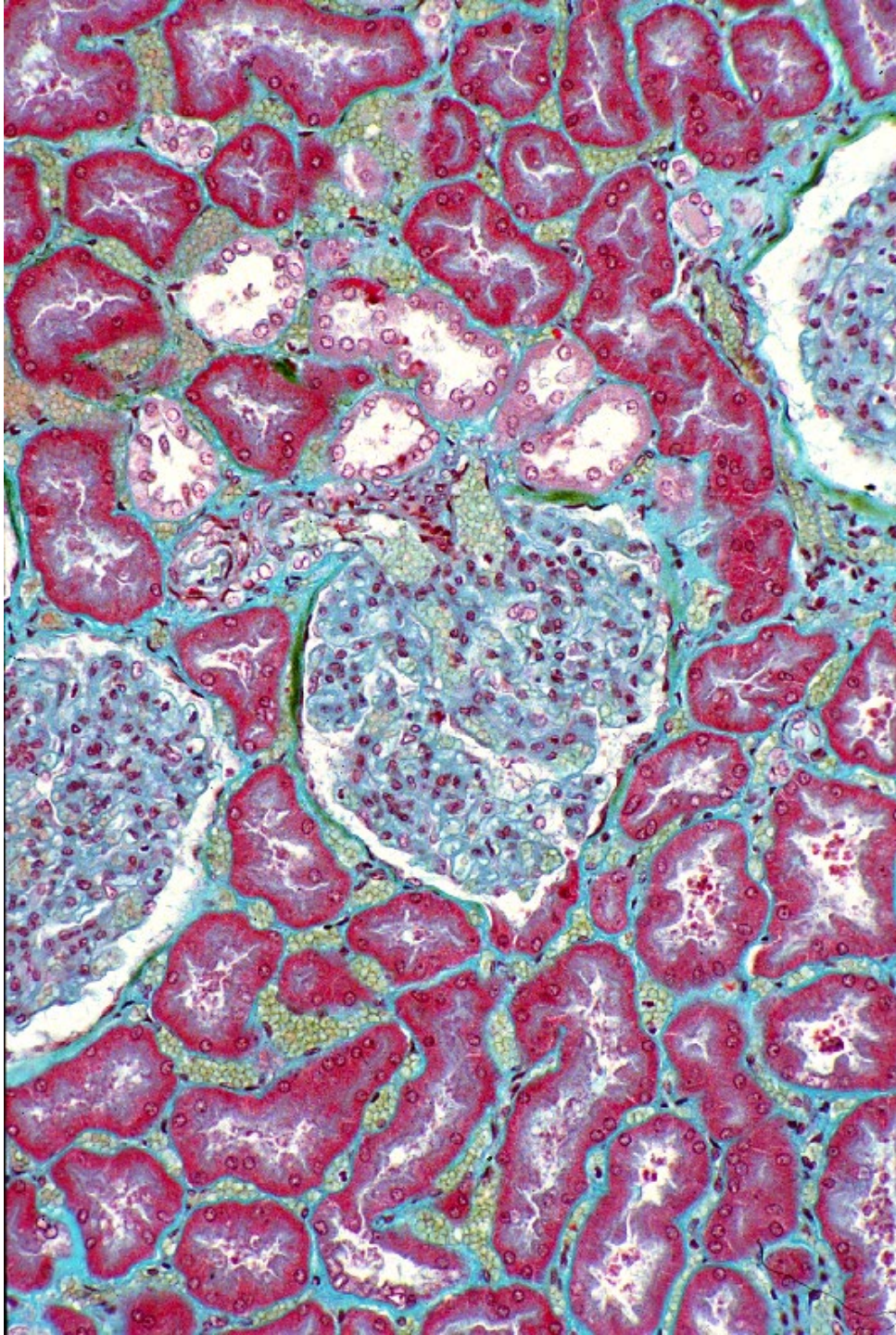
15-13. Renal corpuscle 2. Vascular pole. Human, MG stain, x 250.



15-14. Renal corpuscle 3. Urinary pole. Human, MG stain, x 250.



15-15. Renal corpuscle 4. Glomerulus. Human, MG stain, x 250.



15-16.
Cortex 5.
Labyrinth 1.
Human,
MG stain,
x 50.



Macula densa

Vas afferens

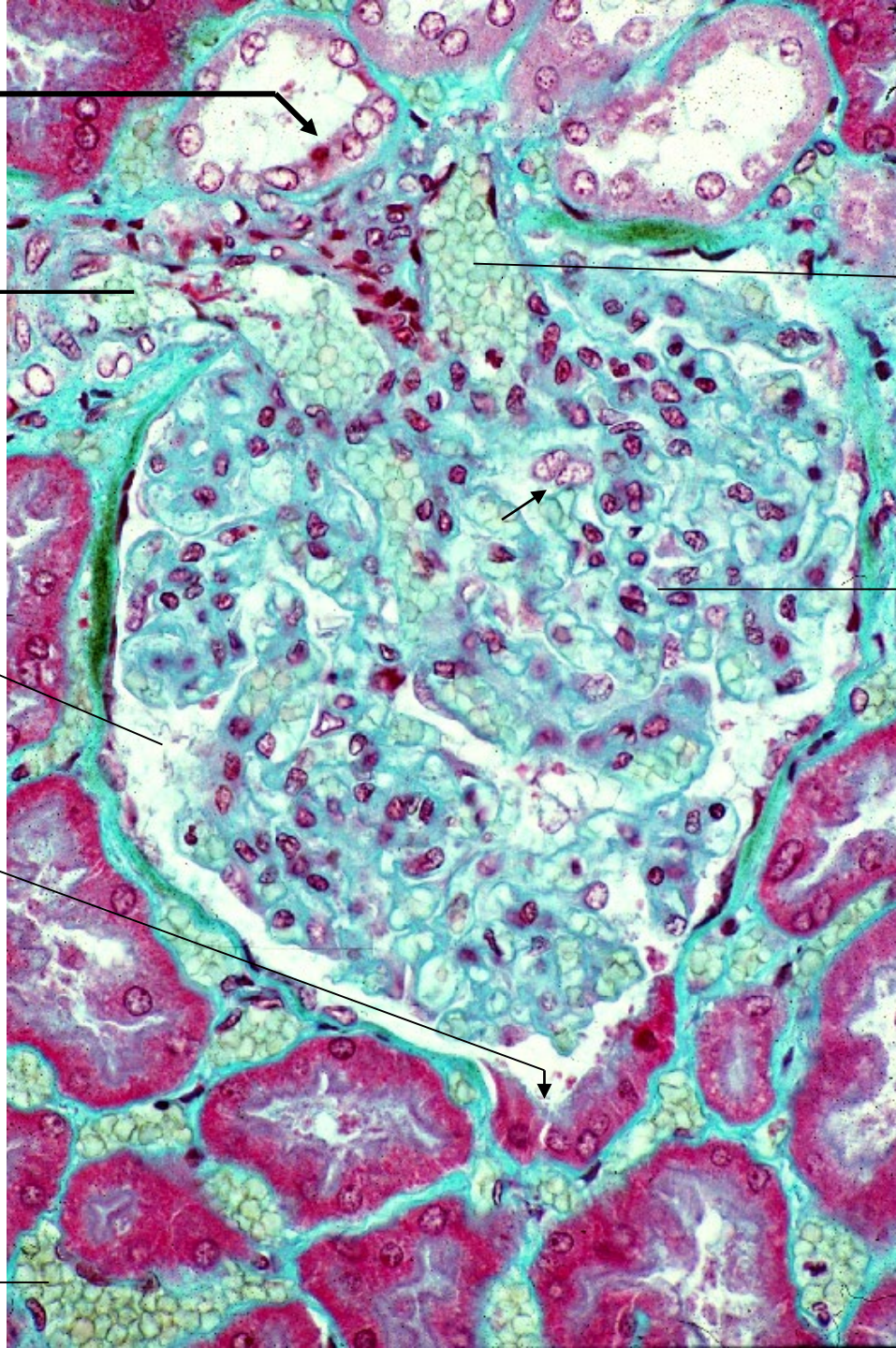
Vas efferens

Space of
Bowman

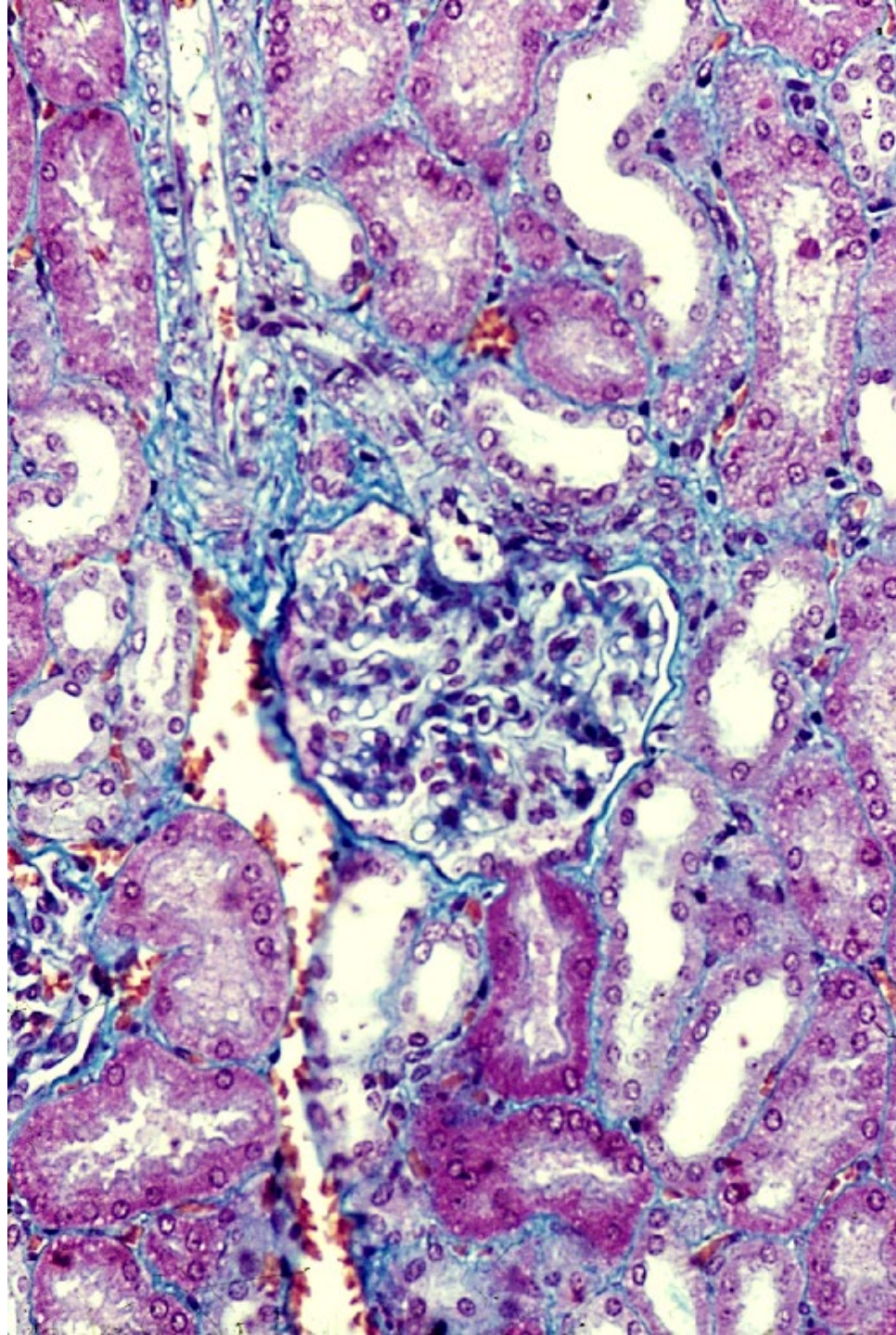
Glomerulus

Urinary pole

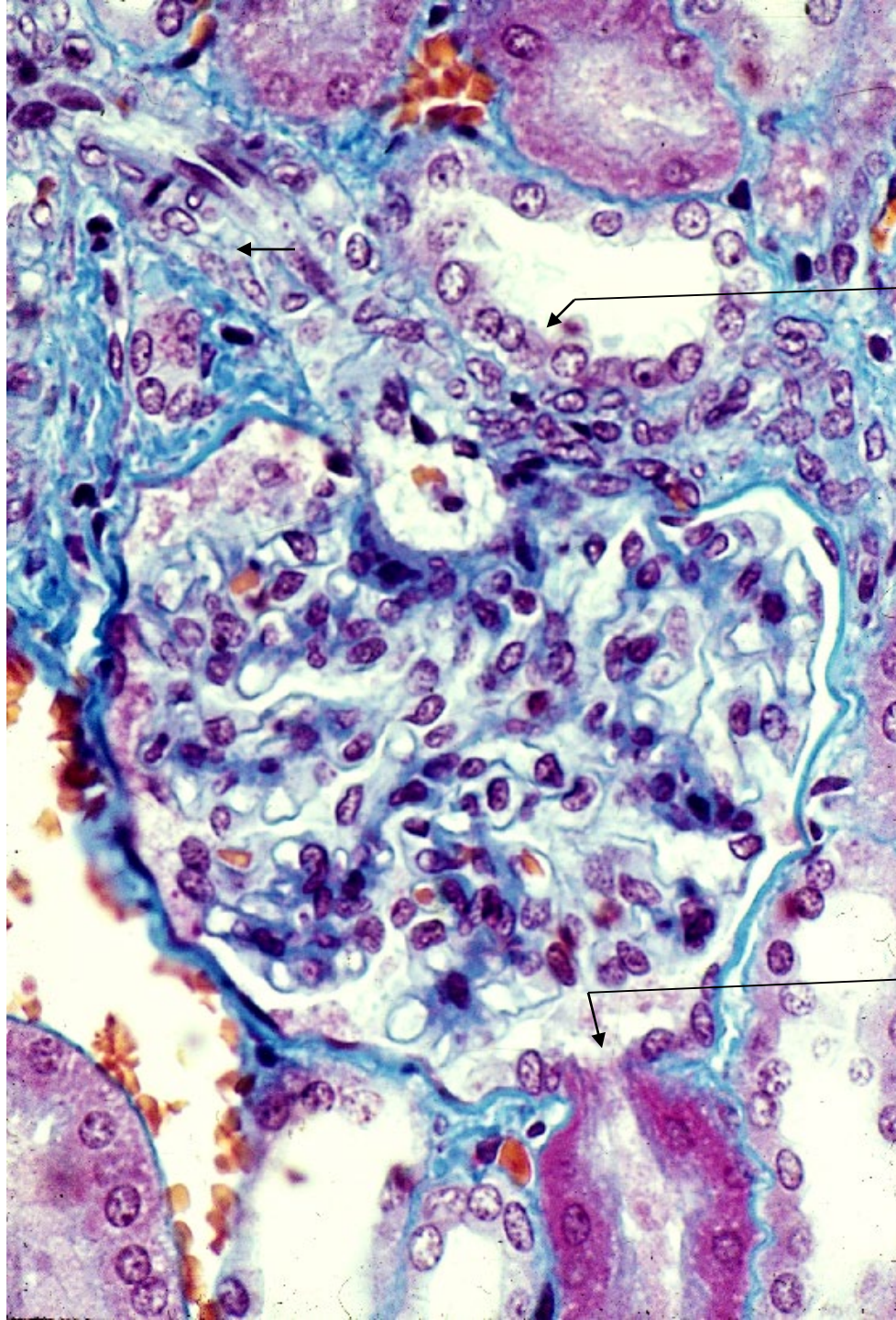
Capillary



15-17.
Renal corpuscle 5.
Human,
MG stain,
x 100.



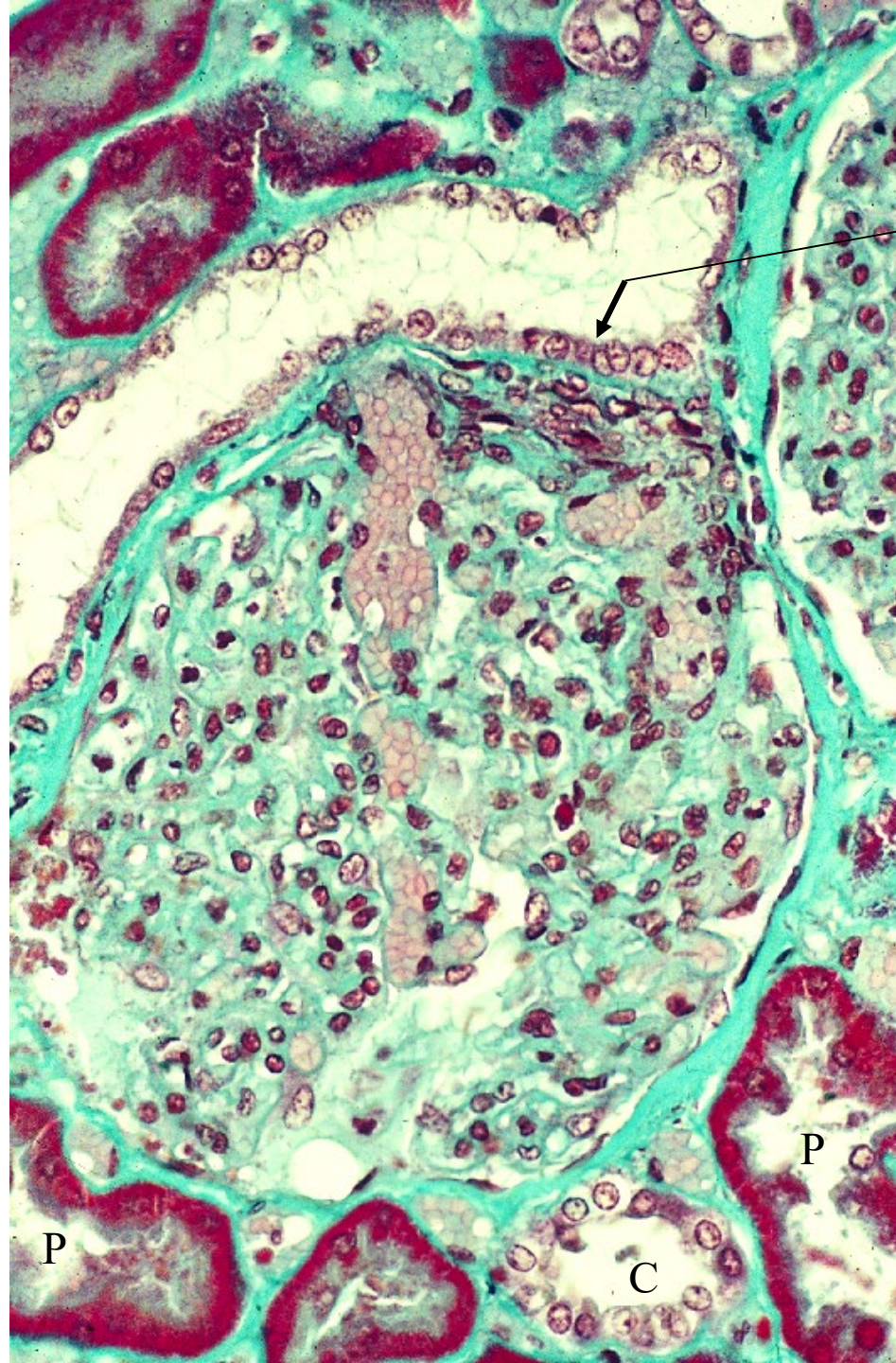
15-18.
Renal corpuscle 6.
Human,
Mallory-Crossmon
stain,
x 80.



Macula densa

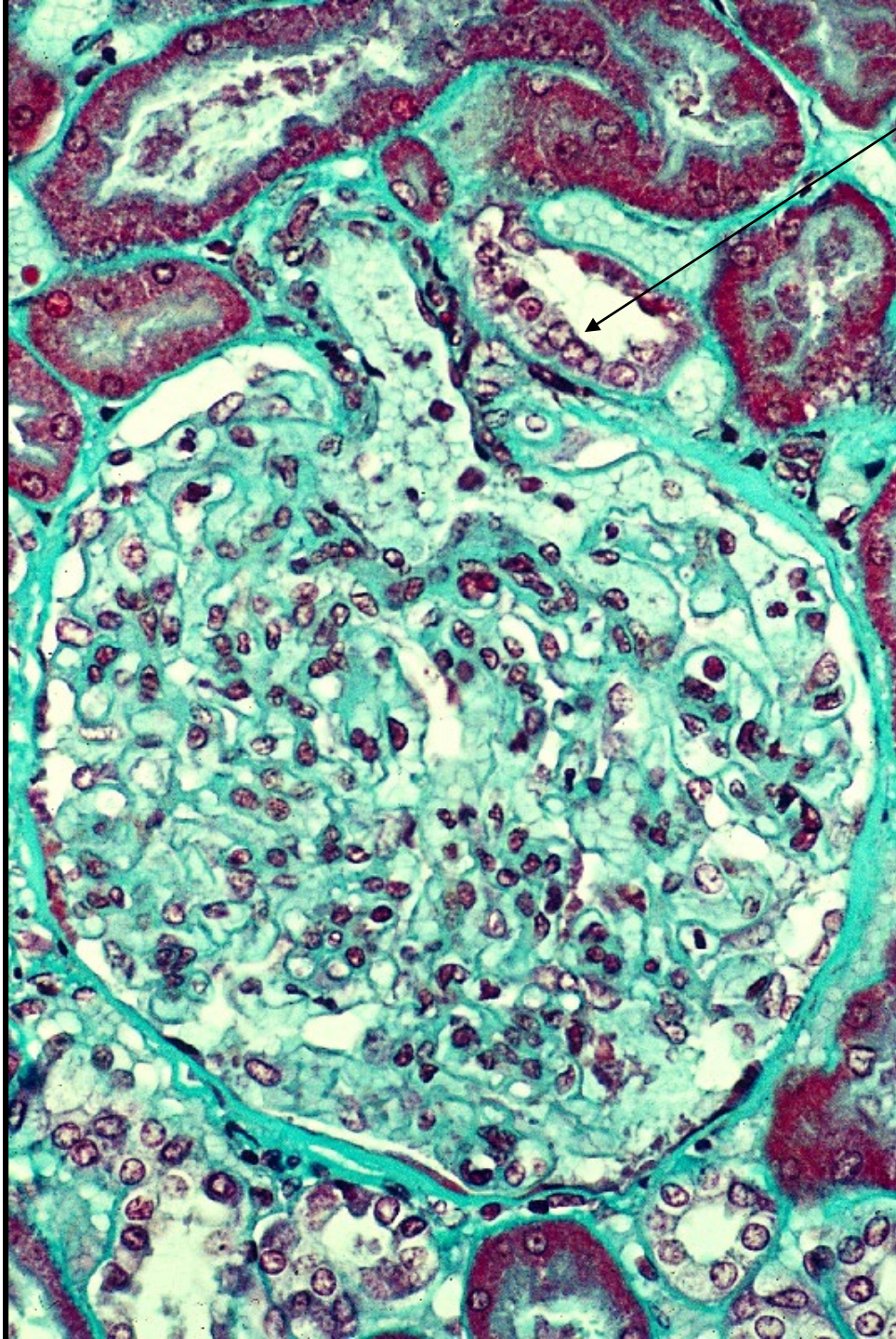
15-19.
Renal corpuscle
7. Human,
Mallory-
Crossmon stain,
x 160.

Urinary
pole



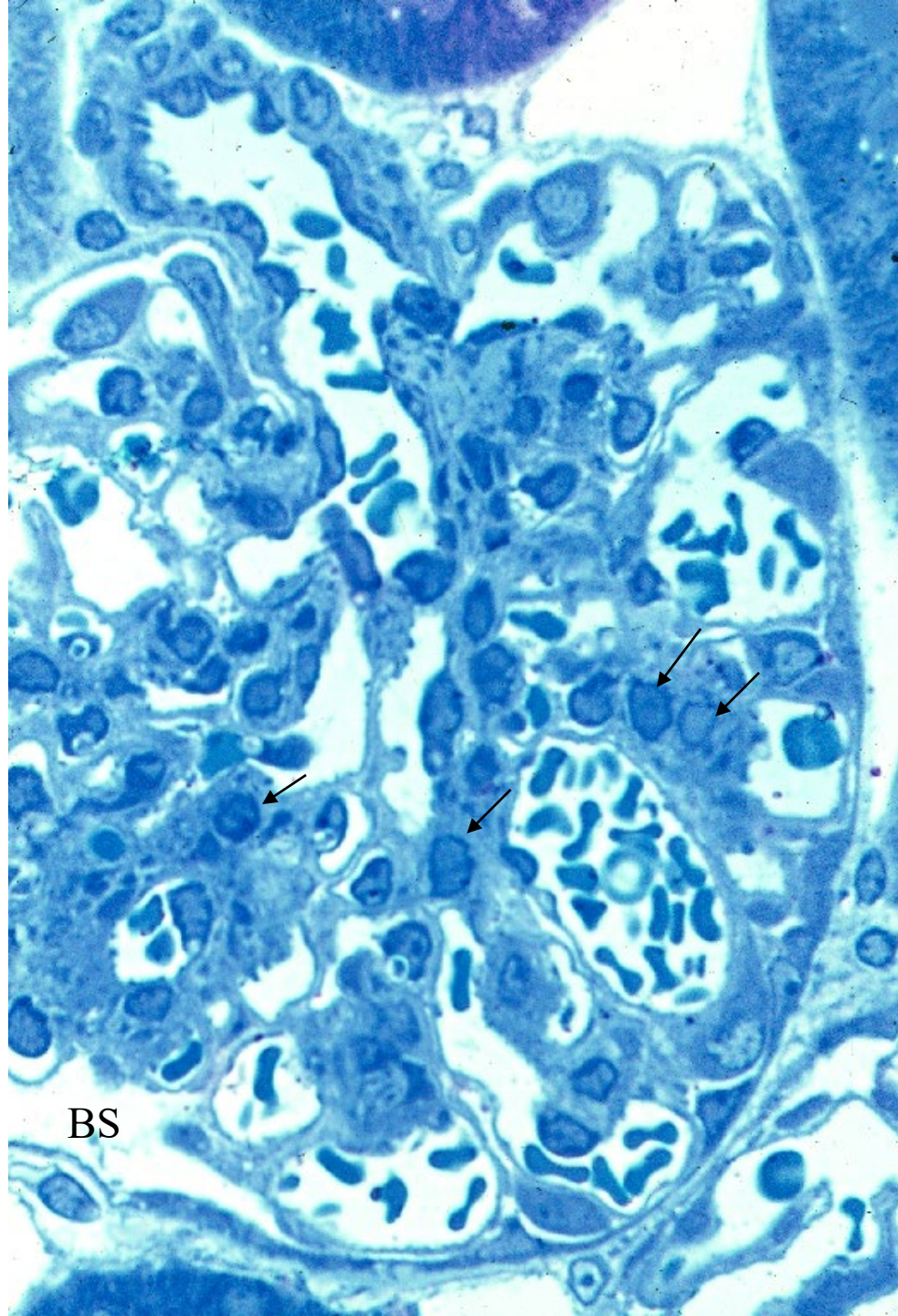
Macula densa

15-20.
Renal corpuscle 8.
Macula densa 1.
Human,
MG stain,
x 100.



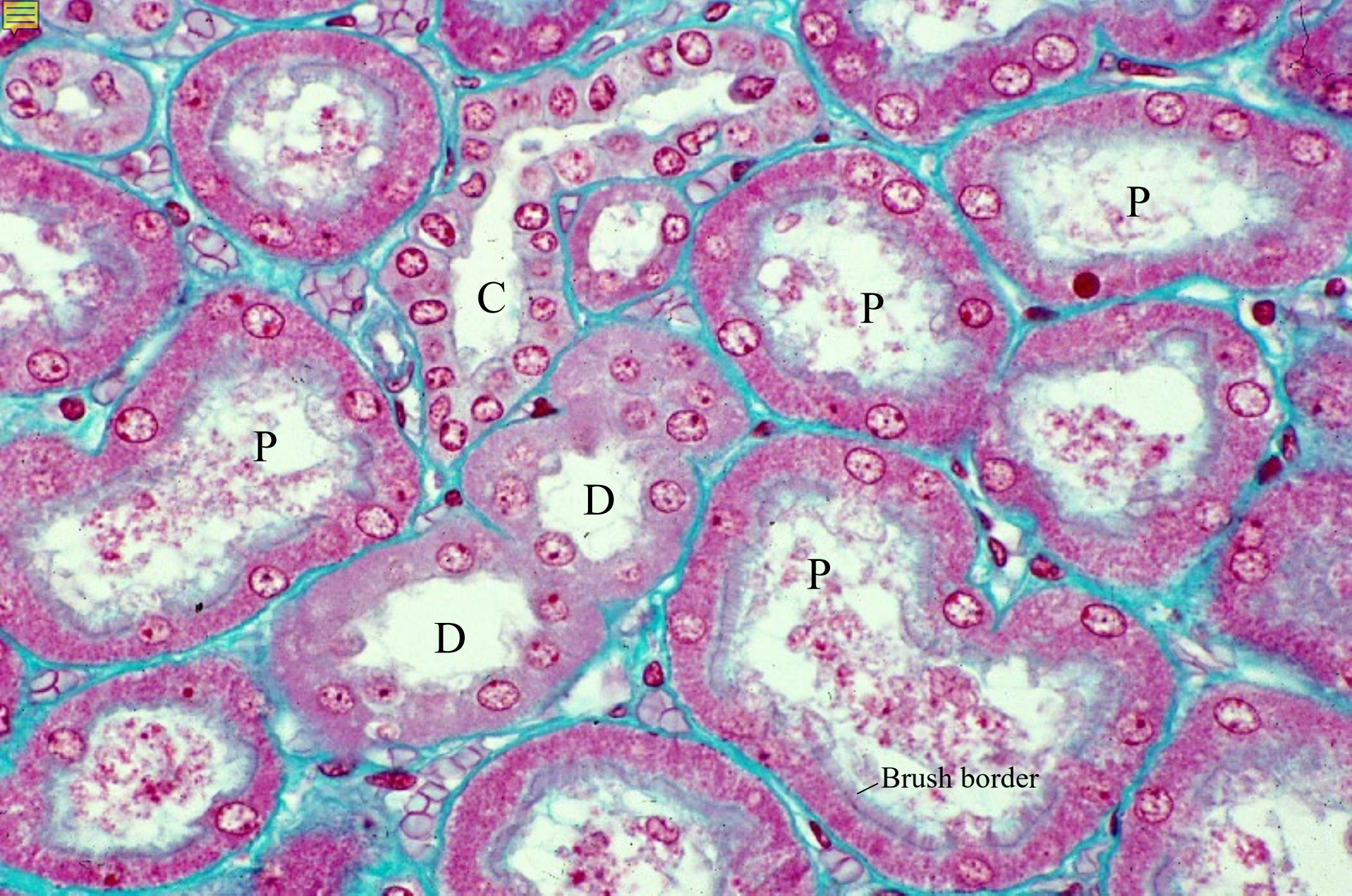
Macula densa

15-21.
Renal corpuscle 9.
Macula densa 2.
Human,
MG stain,
x 100.

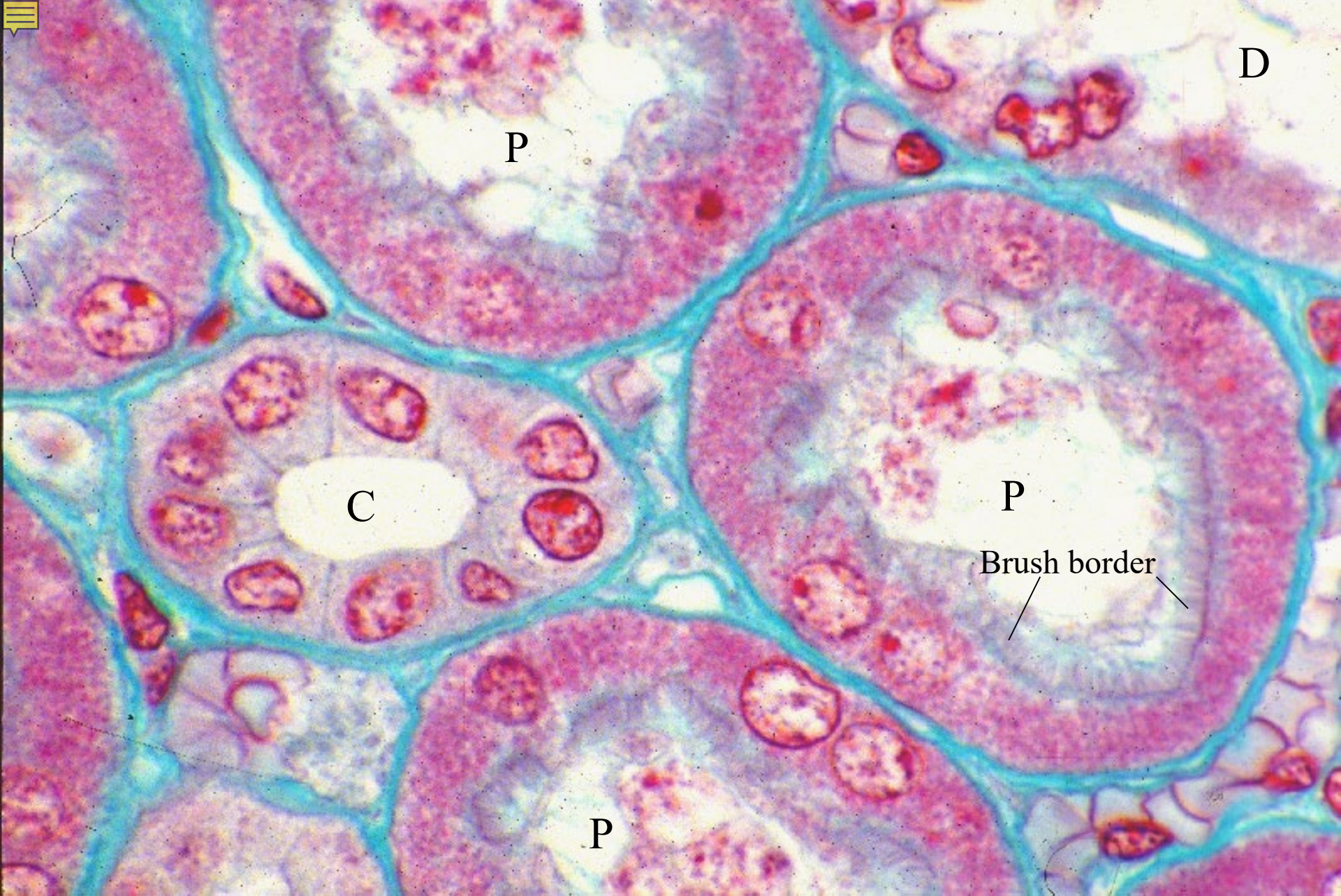


BS

15-22.
Renal corpuscle 9.
Rat, epon section,
toluidinblue
stain, x 250.

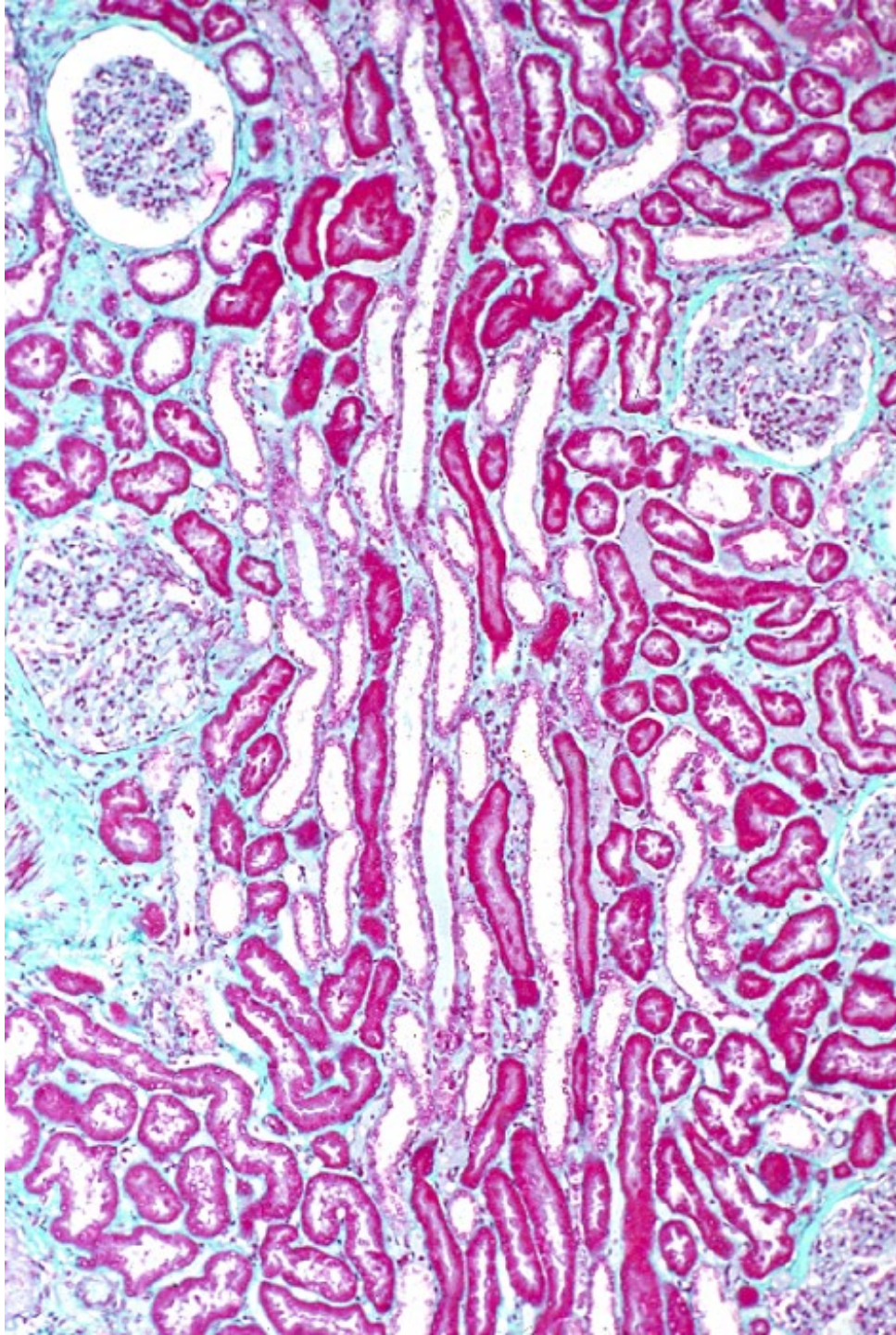


15-23. Urinary tubules 1. Proximal and distal convolutions and connecting tubules. Human. MG stain, x 130.

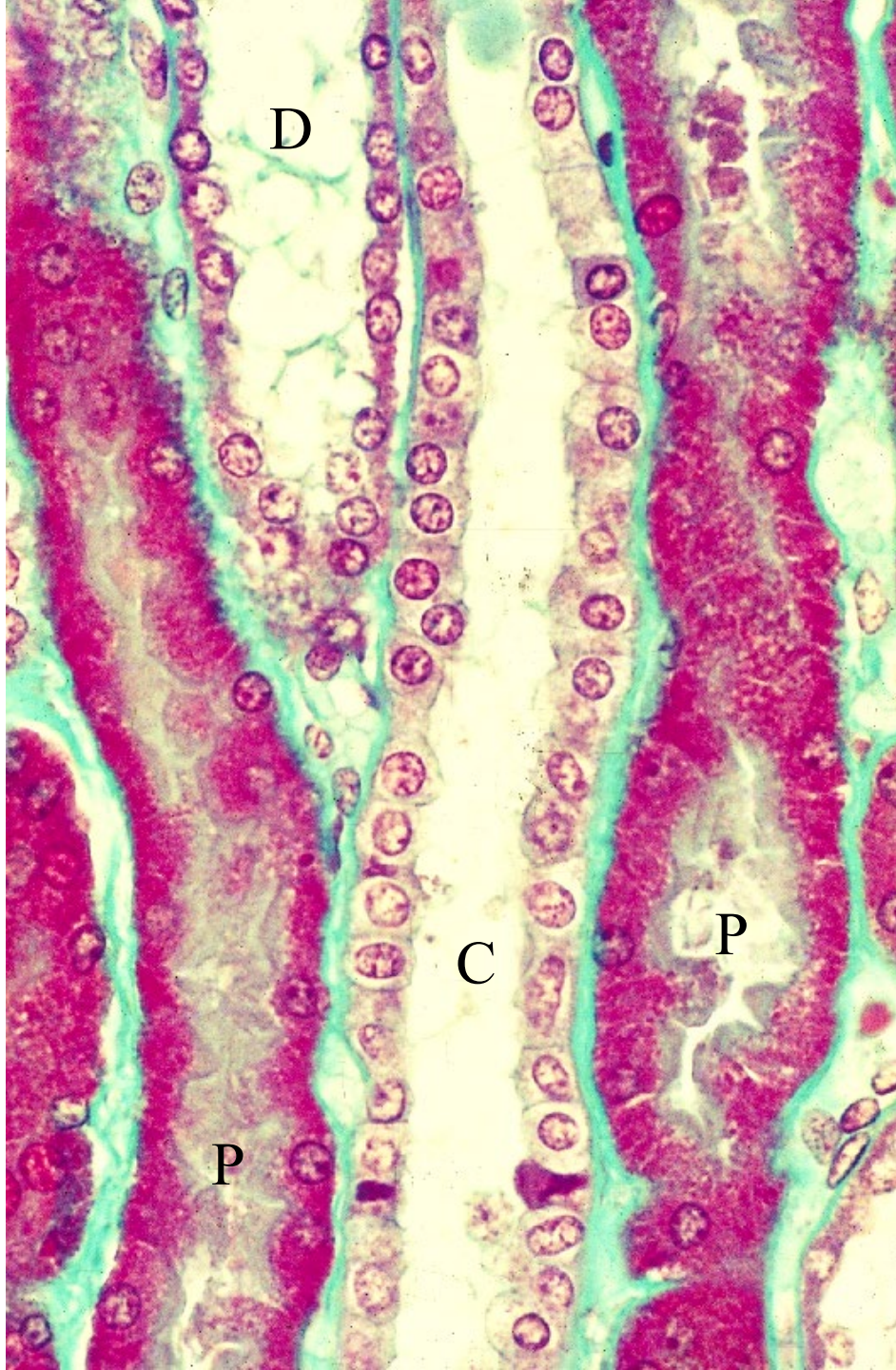


15-24. Urinary tubules 2. Proximal and distal convolutions and connecting tubules.

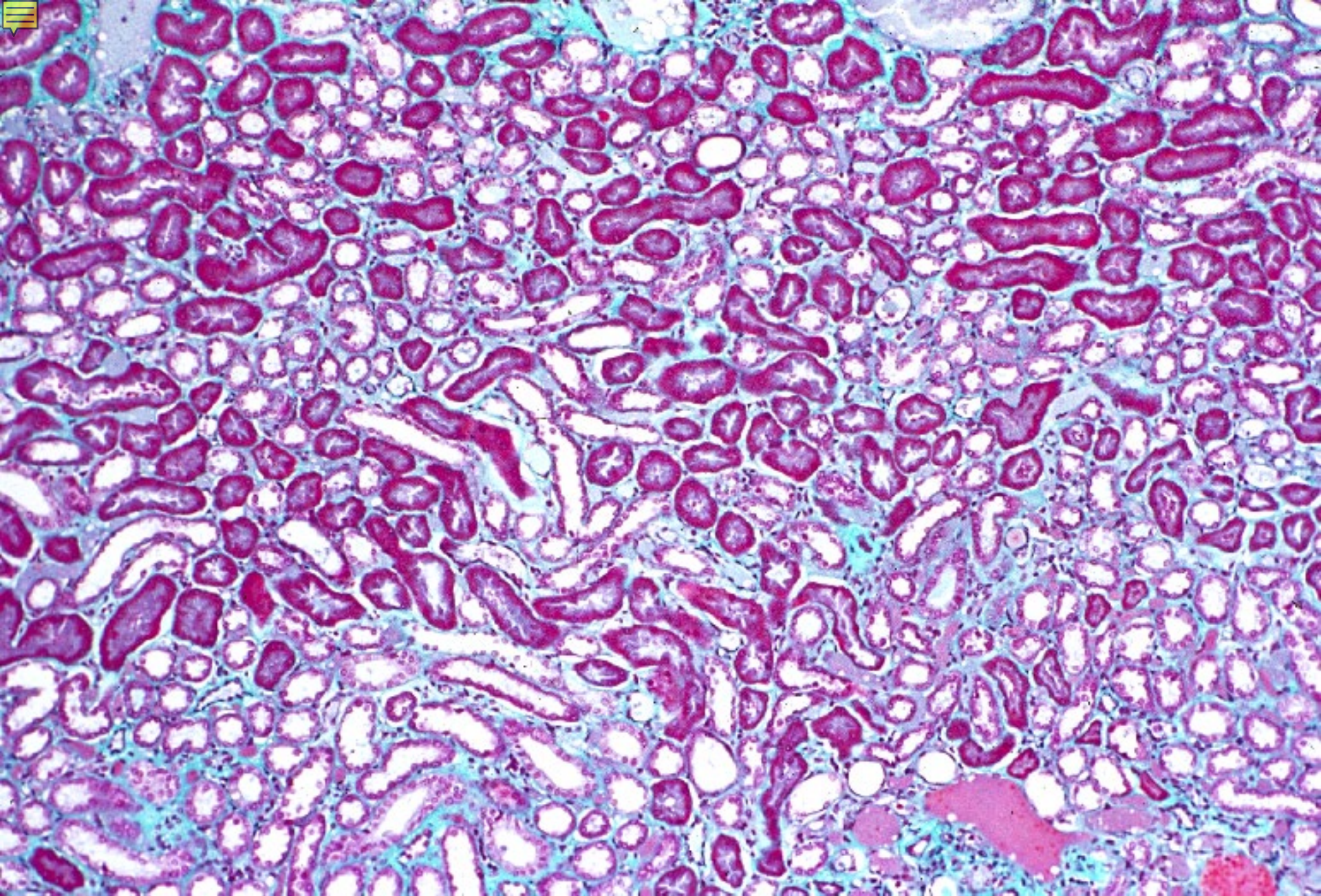
Human MG stain x 330



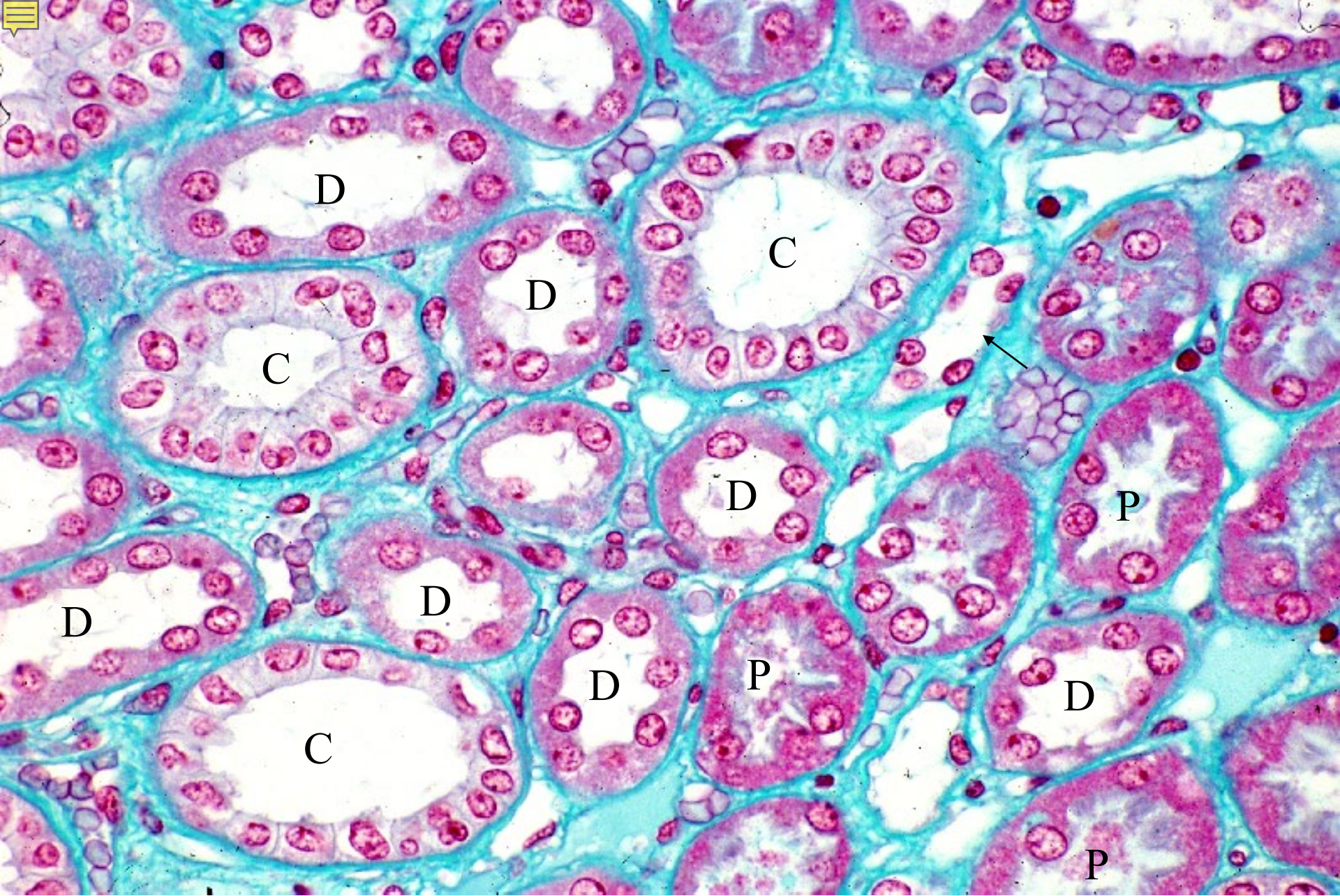
15-25.
Medullary ray
1.
Human,
MG stain,
x 25.



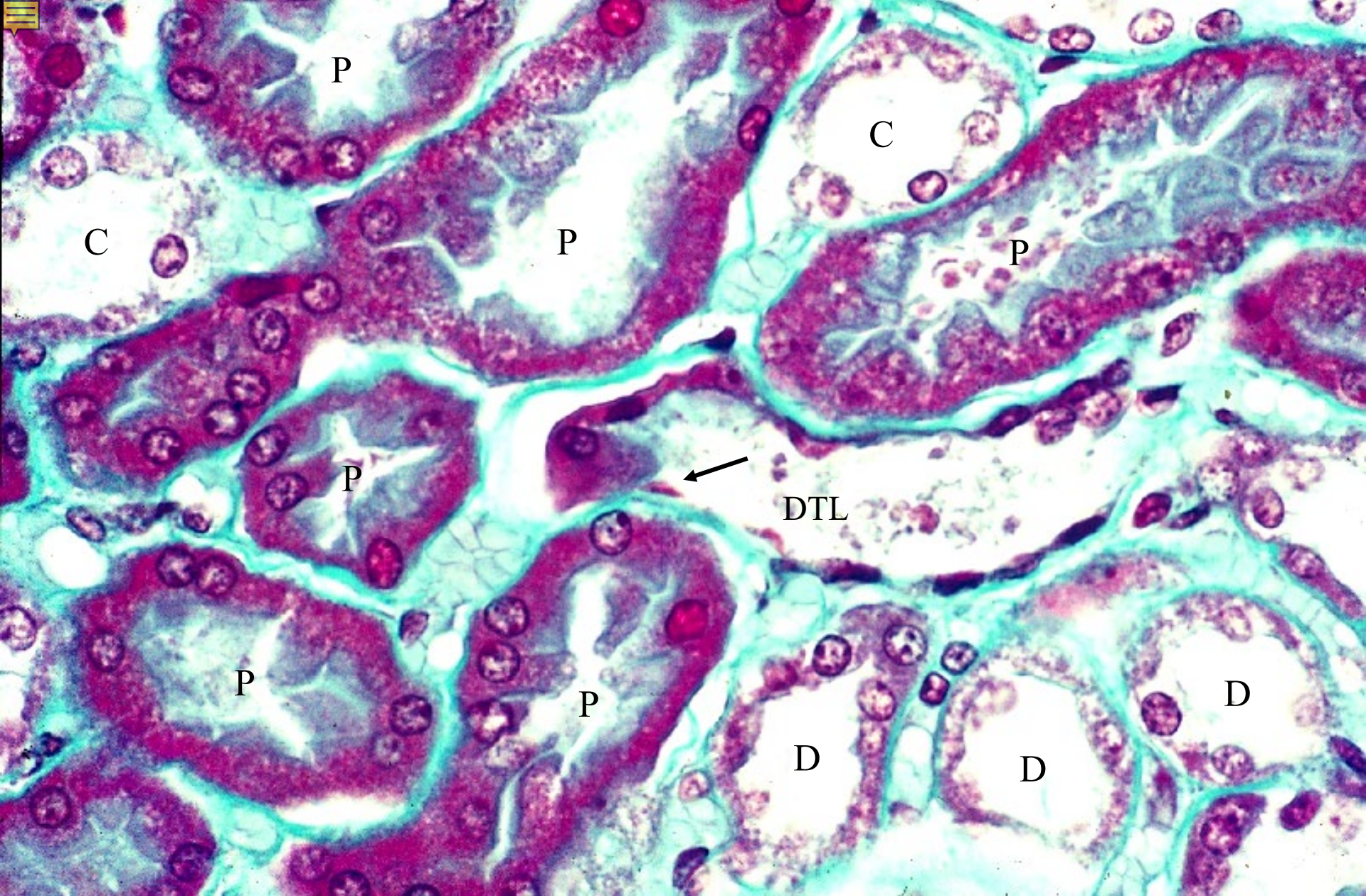
15-26.
Medullary ray 2.
Human,
MG stain,
x160 .



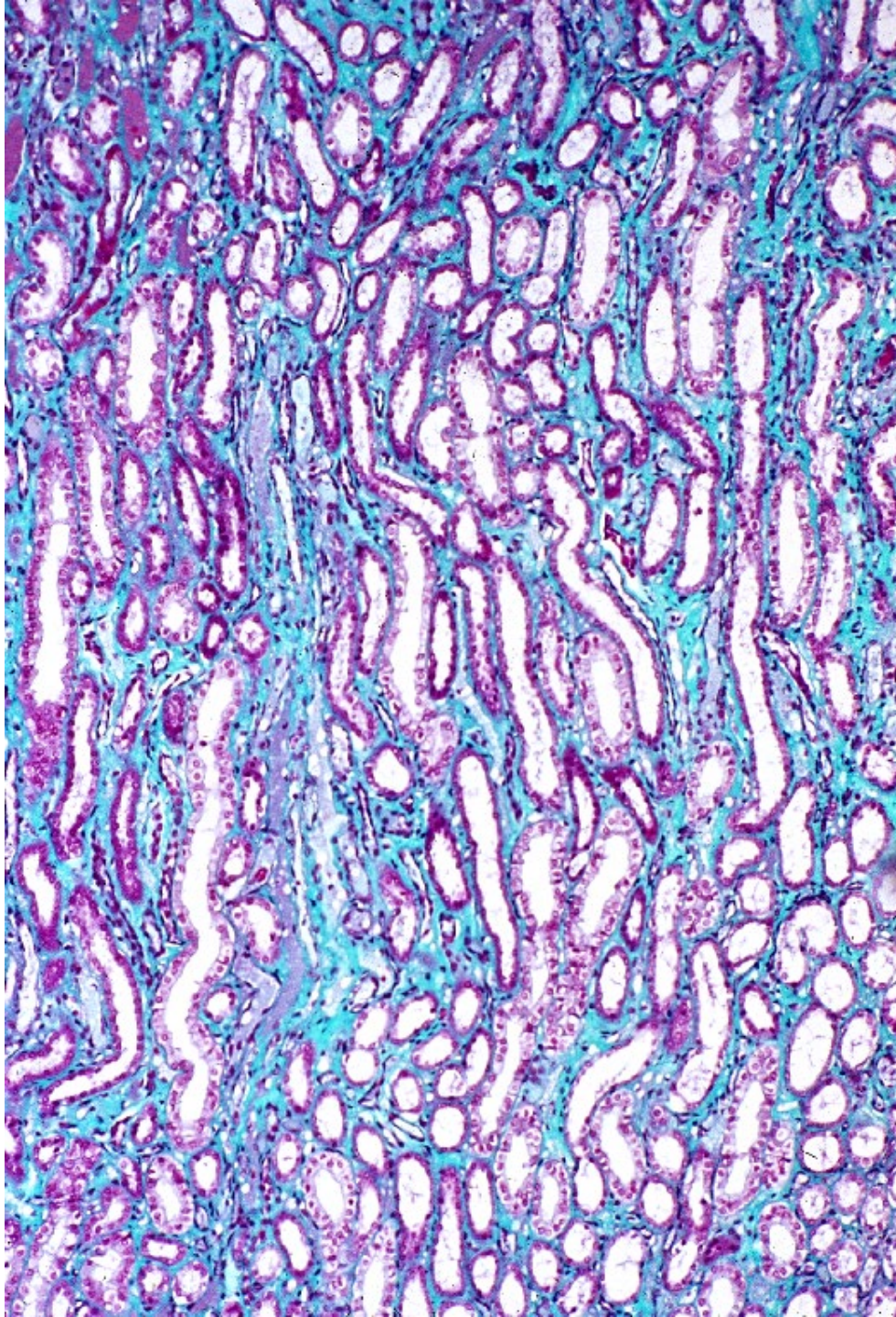
15-27. Medulla 1. Outer layer of the outer zone 1.Human, MG stain, x 25.



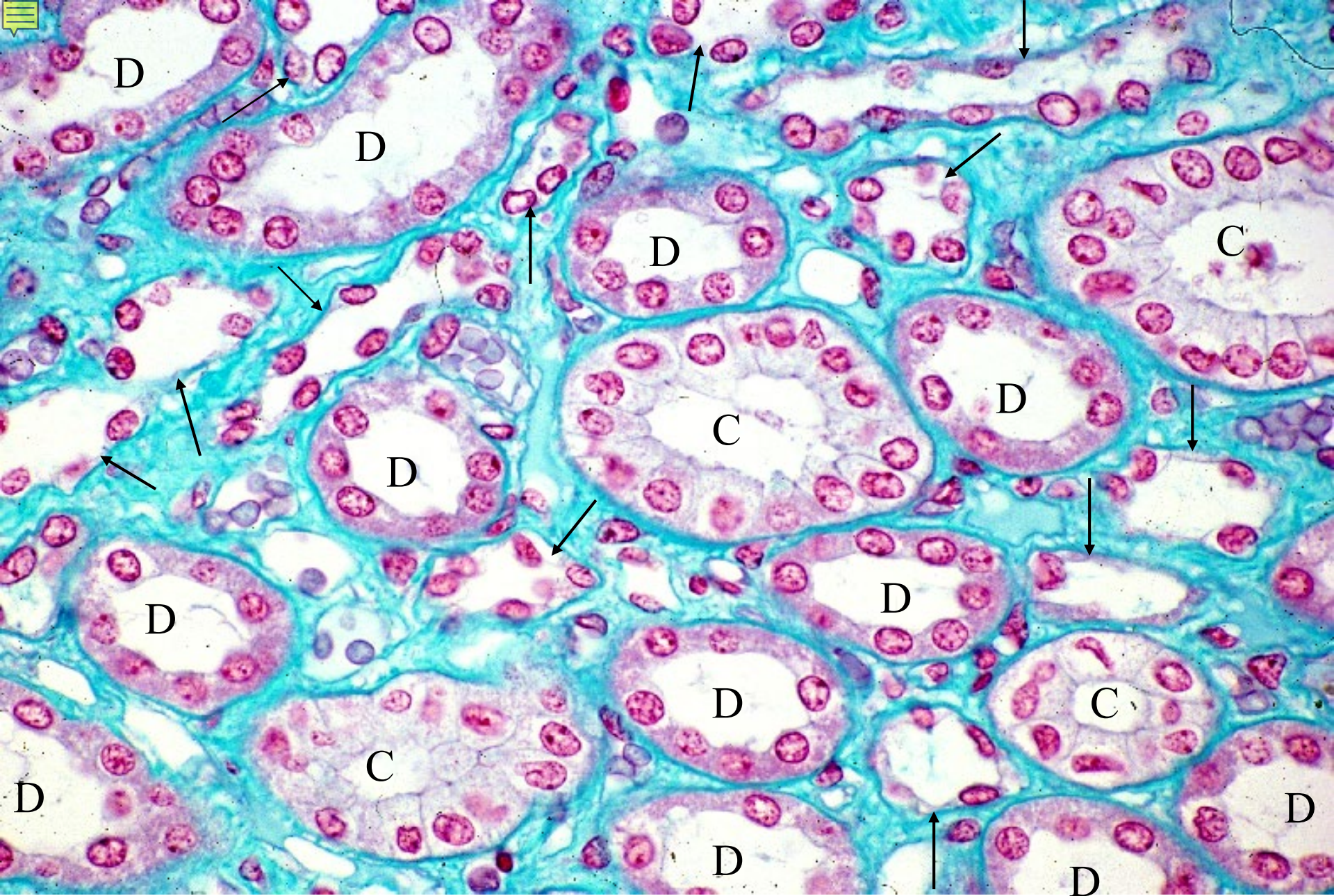
15-28. Medulla 2. Outer layer of the outer zone 2. Human, MG stain, x 130



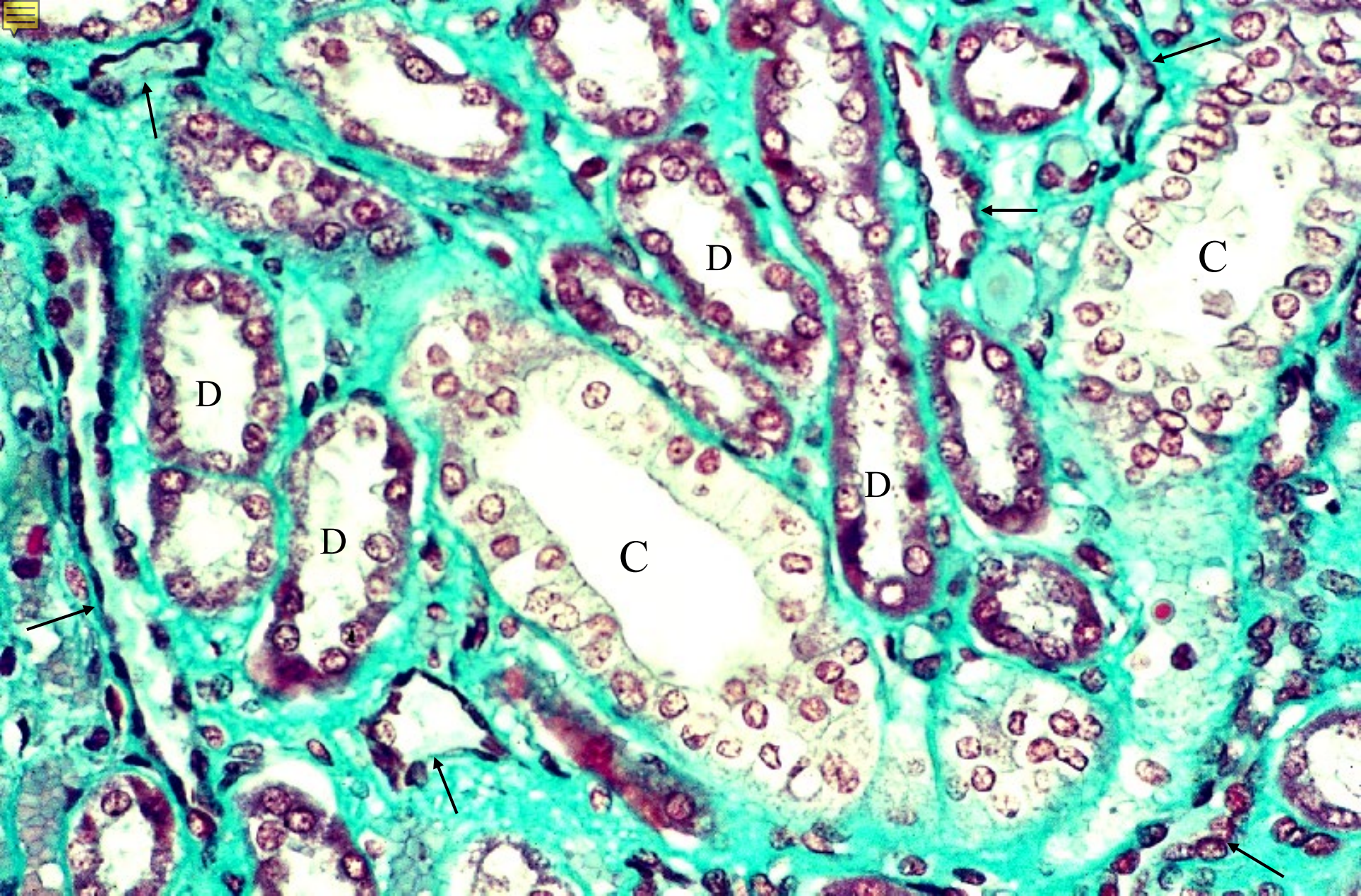
15-29. Medulla 3. Outer layer of the outer zone 3. Human, MG stain, x 160.



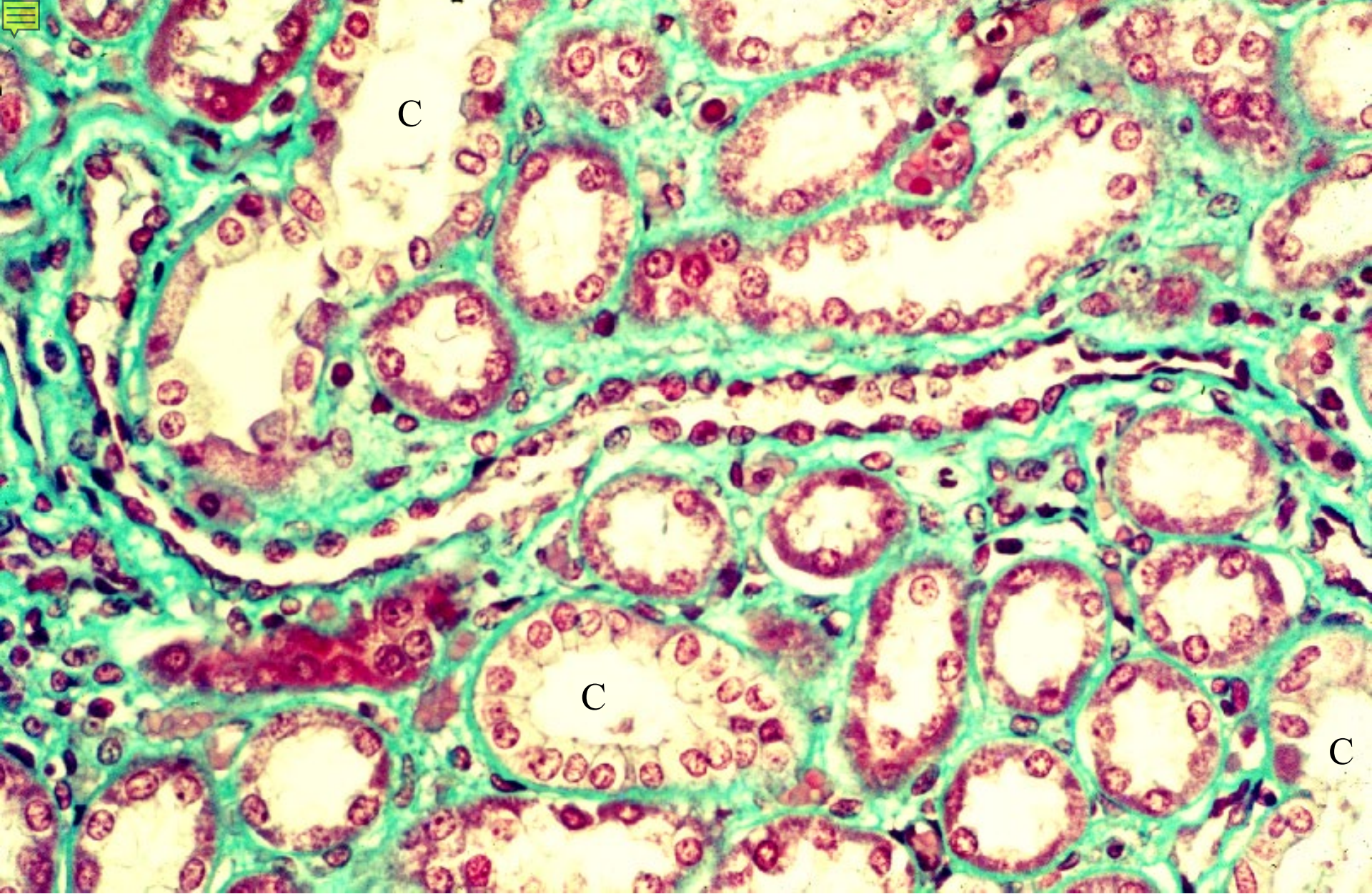
15-30.
Medulla
4.
Inner layer of
the outer zone
1.
Human,
MG stain,
x 25.



15-31. Medulla 5. Inner layer of outer zone. Human, M-G stain, x 130.



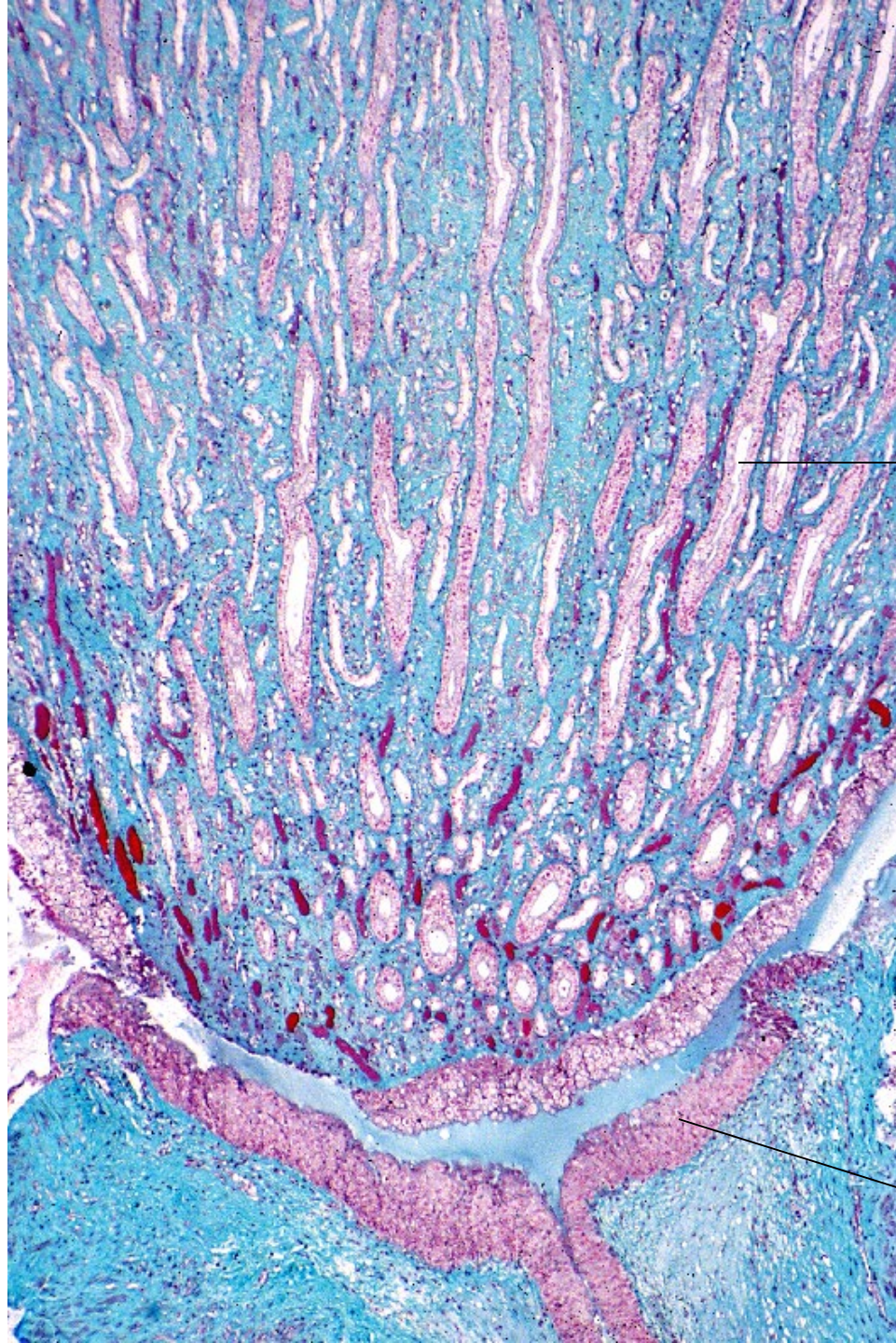
15-32. Medulla 6. Inner zone 1. Human, MG stain, x 100.



15-33. Medulla 7. Inner zone 2. Human, MG stain, x 100.



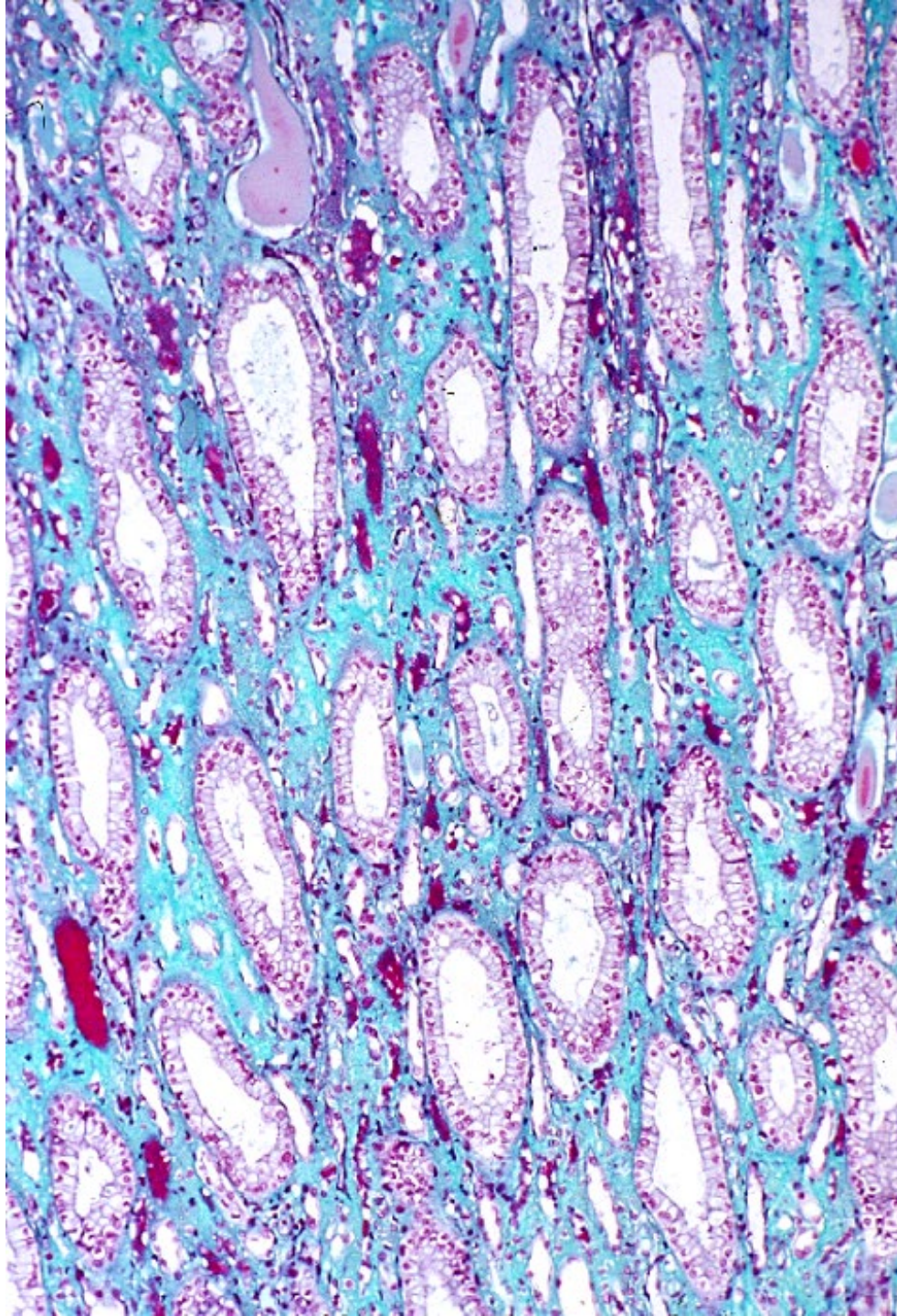
15-34. Medulla 8. Inner zone 3. Human, MG stain, x 160.



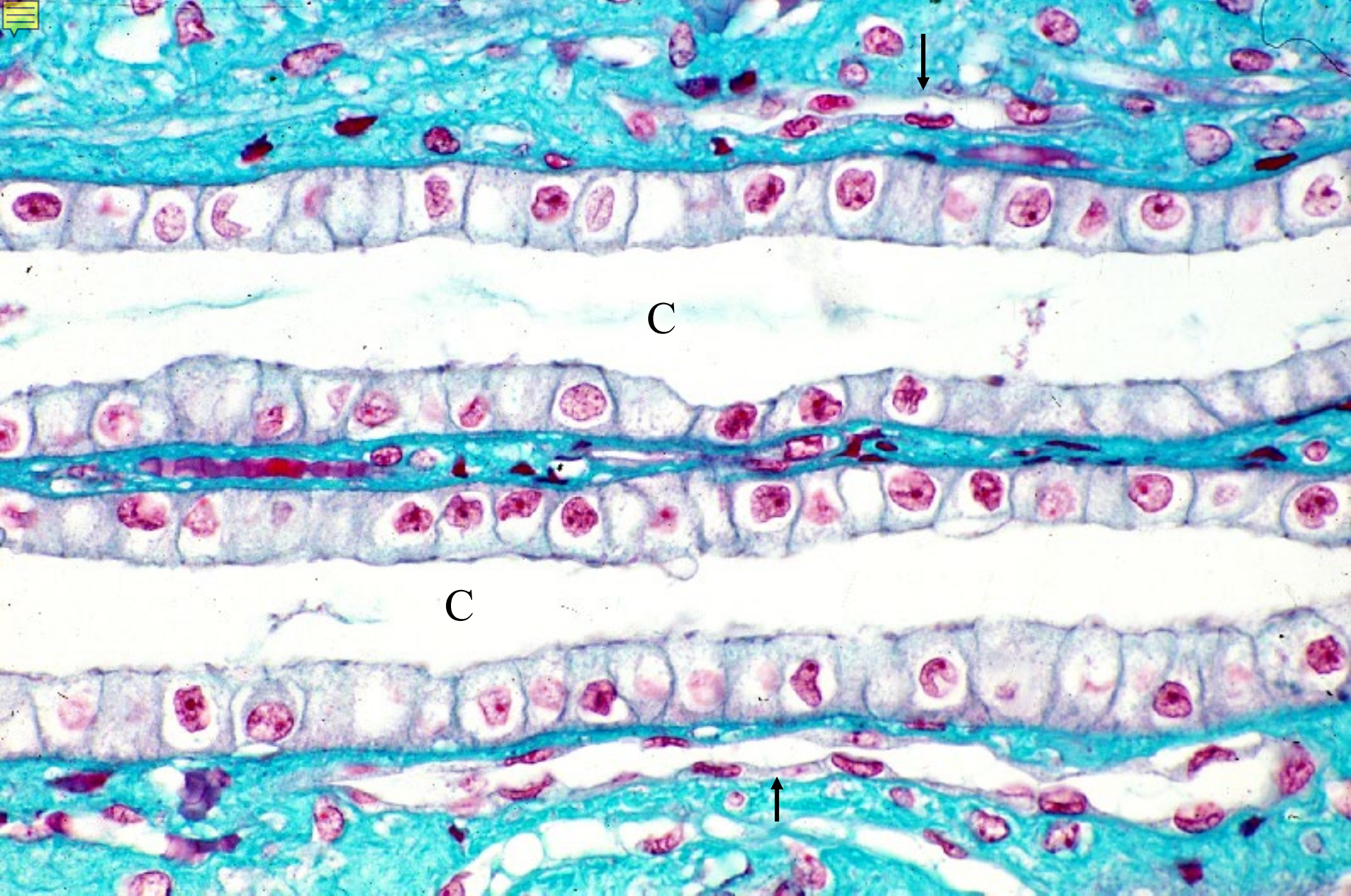
Ductus papillaris

15-35.
Apical portion
of a renal papilla.
Human,
MG stain,
x 13.

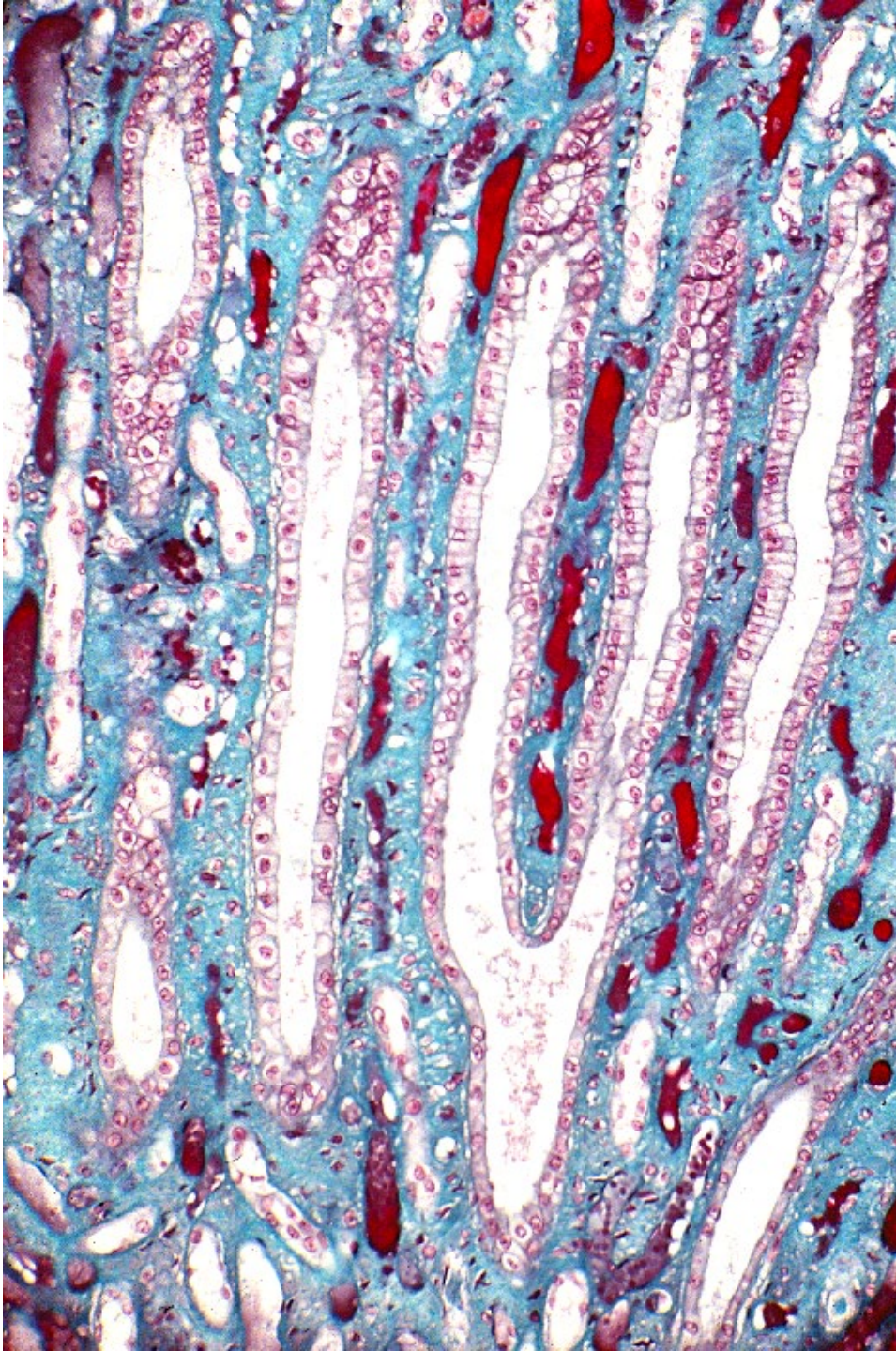
Epithelium of
renal calyx



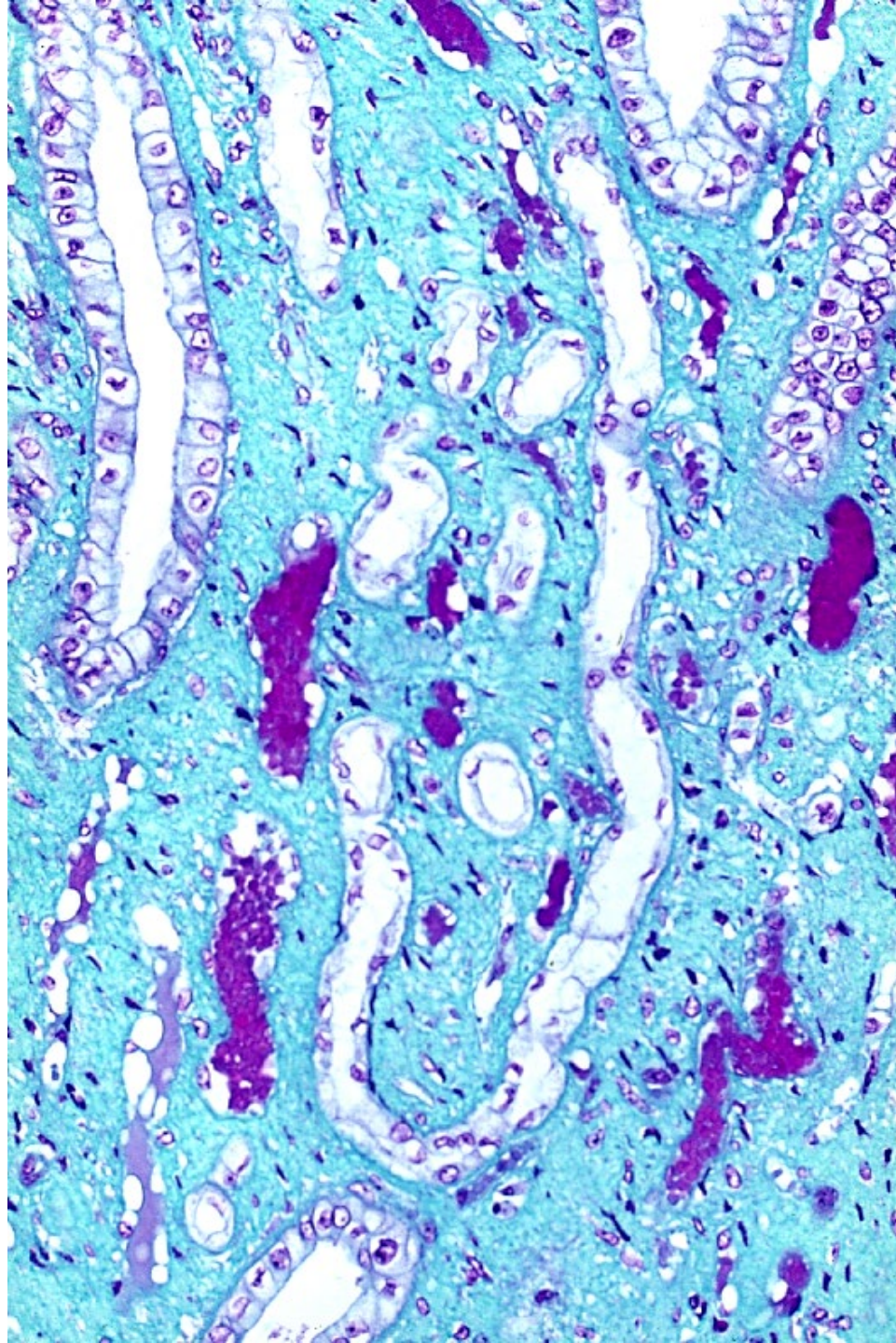
15-36.
Renal papilla 1.
Human,
MG stain,
x 65.



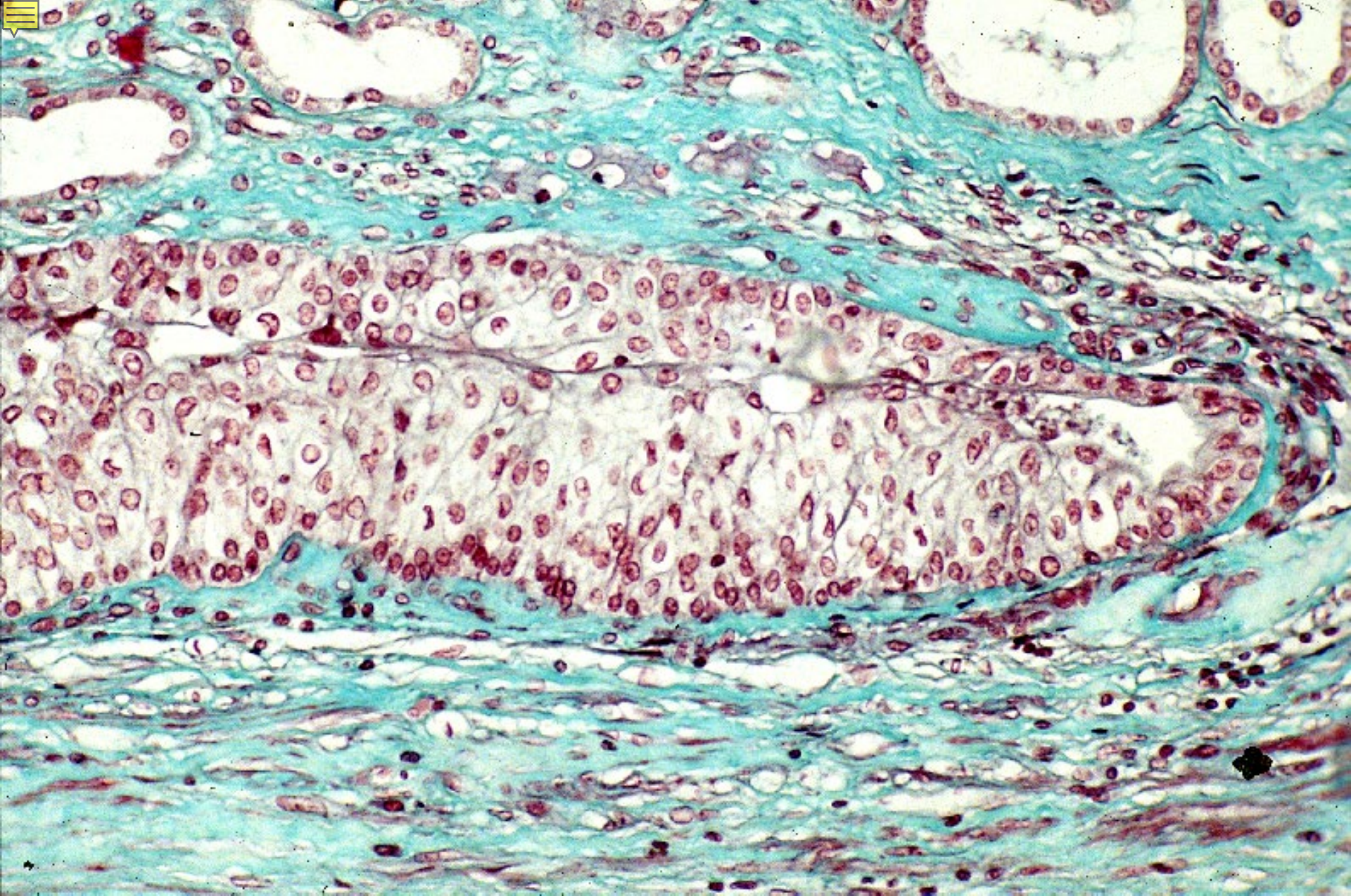
15-37. Renal Papilla 2. Thin portions of Henle's loop and collecting tubules. Human, MG stain, x 130.



15-38.
Renal papilla 3.
Confluence of
collecting tubules.
Human,
MG stain,
x 40.



15-39.
Renal papilla.
U-turn of a
thin portion of
Henle's loop.
Human,
MG stain,
x 64.



15-40. Apex of renal papilla. Epithelium covering the apex and that covering the inner surface of calyx. Human, MG stain, x 64.

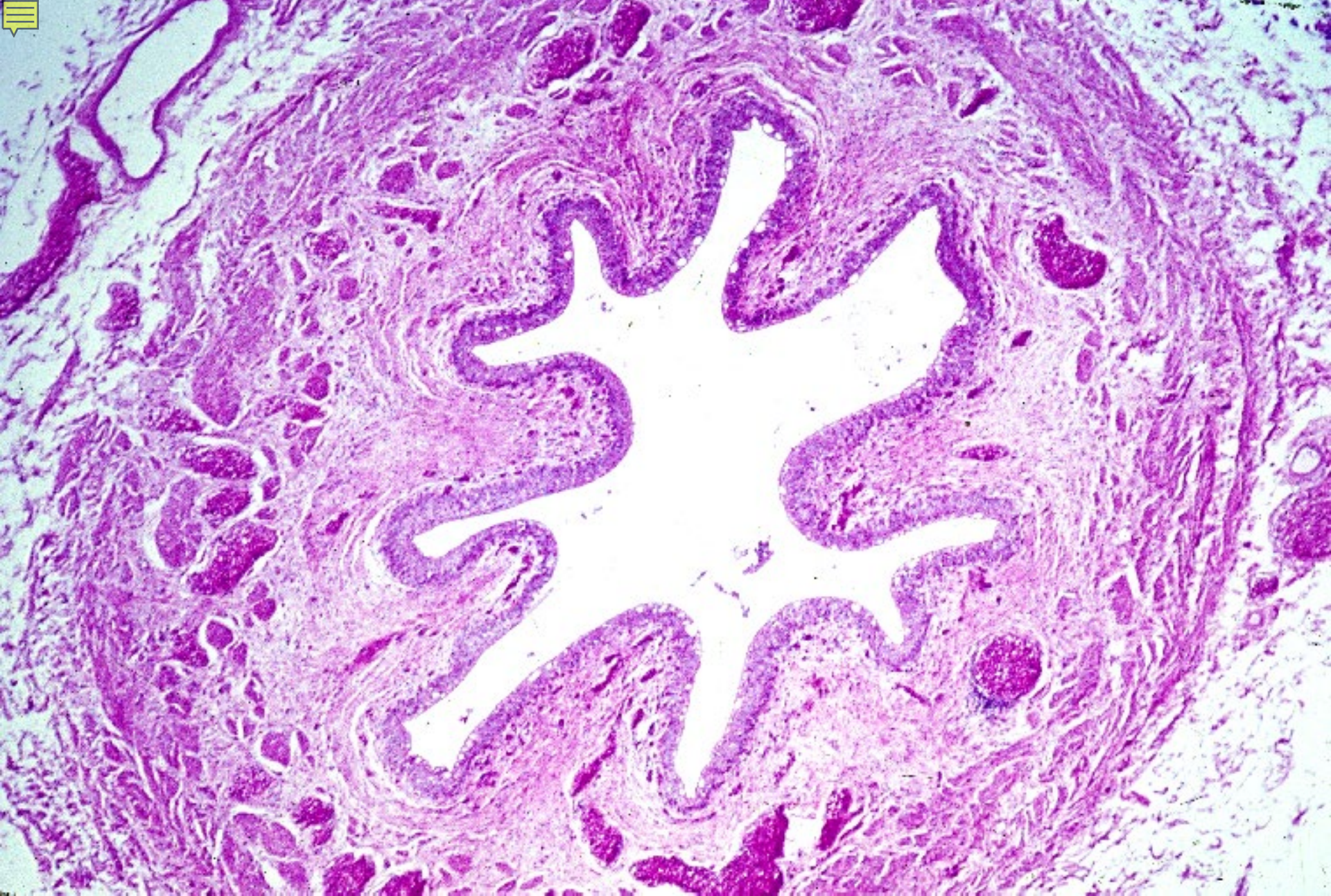


15-002

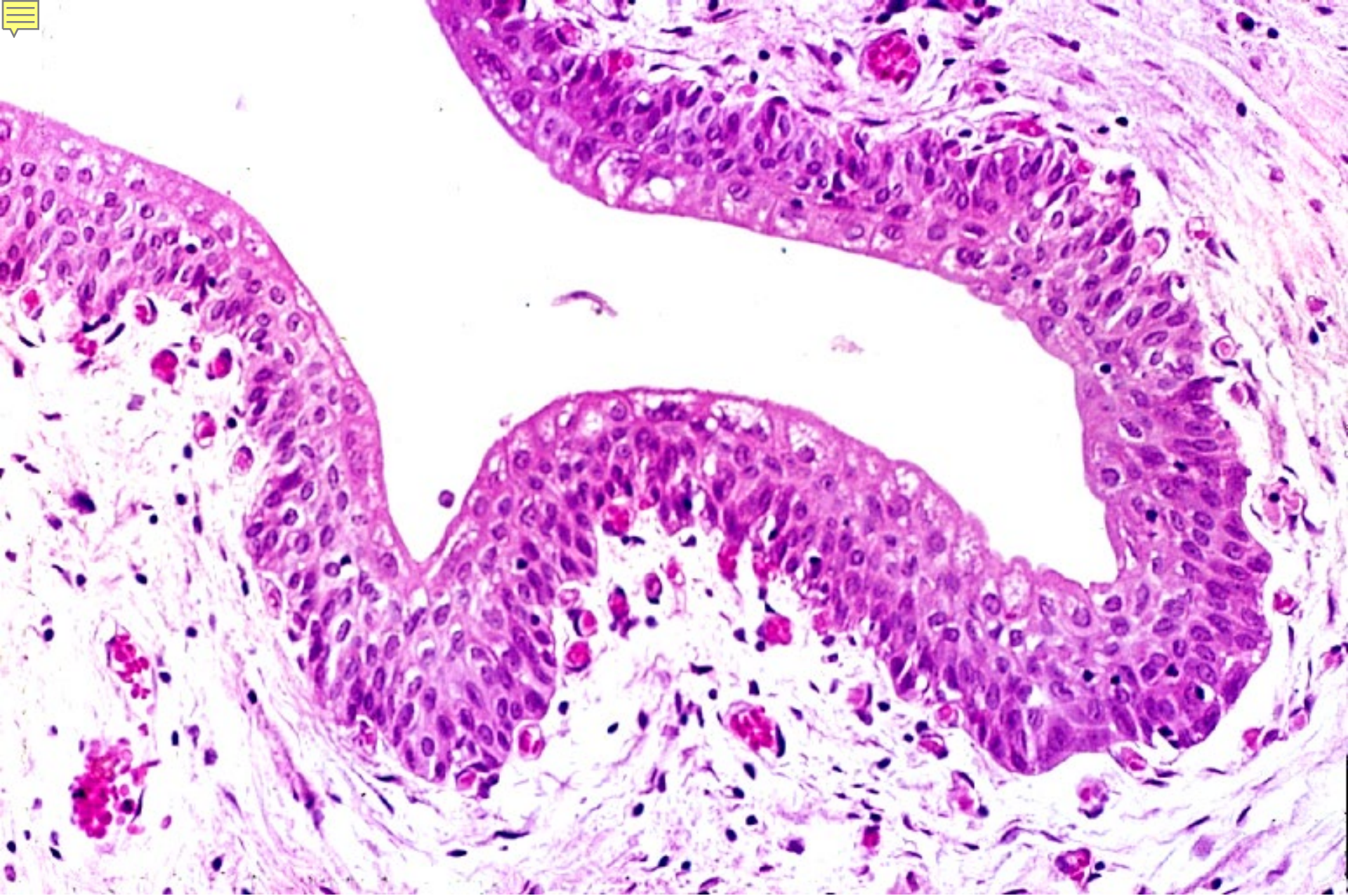
Ureter

and

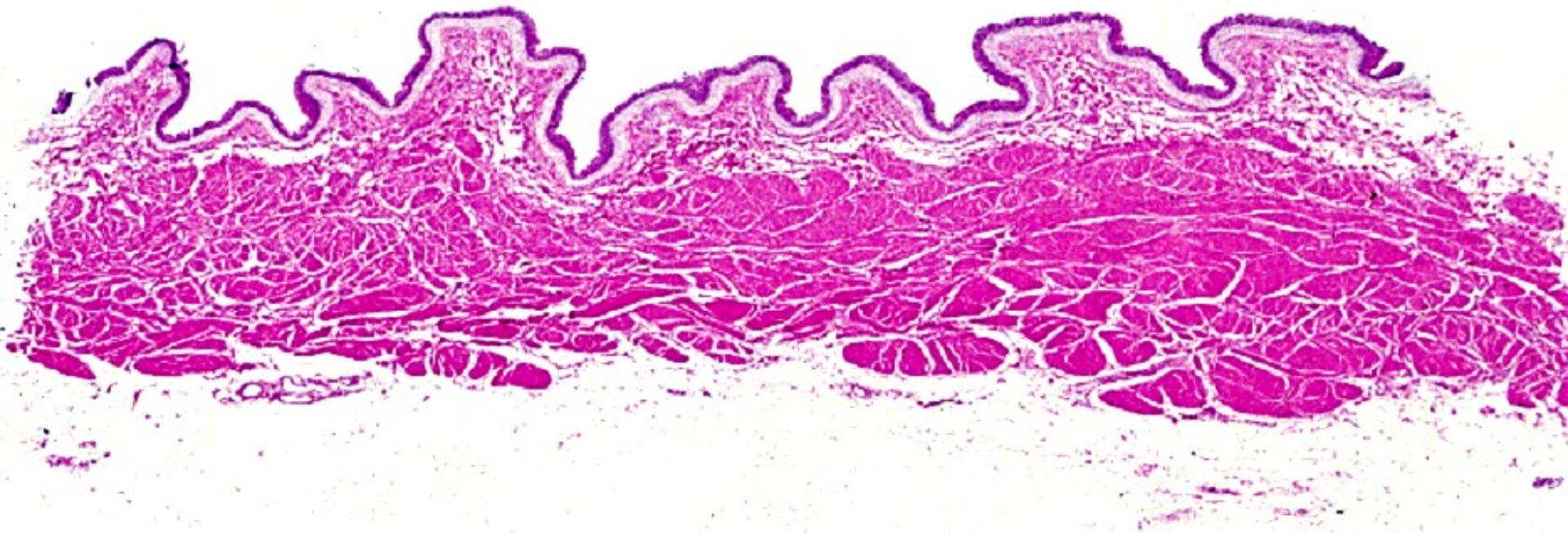
Urinary bladder



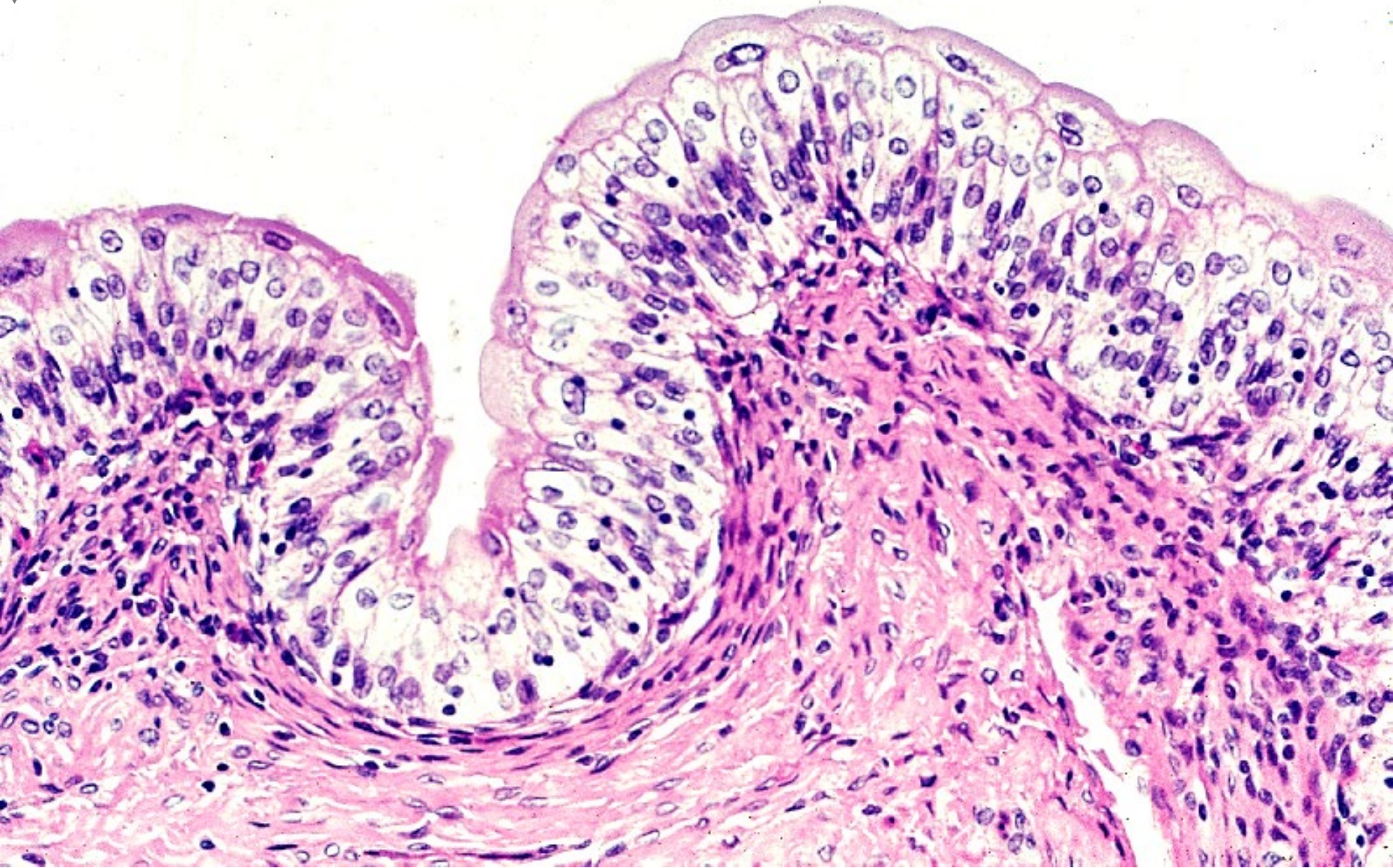
15-41. Ureter, transverse section. Human, H-E stain, x 10.



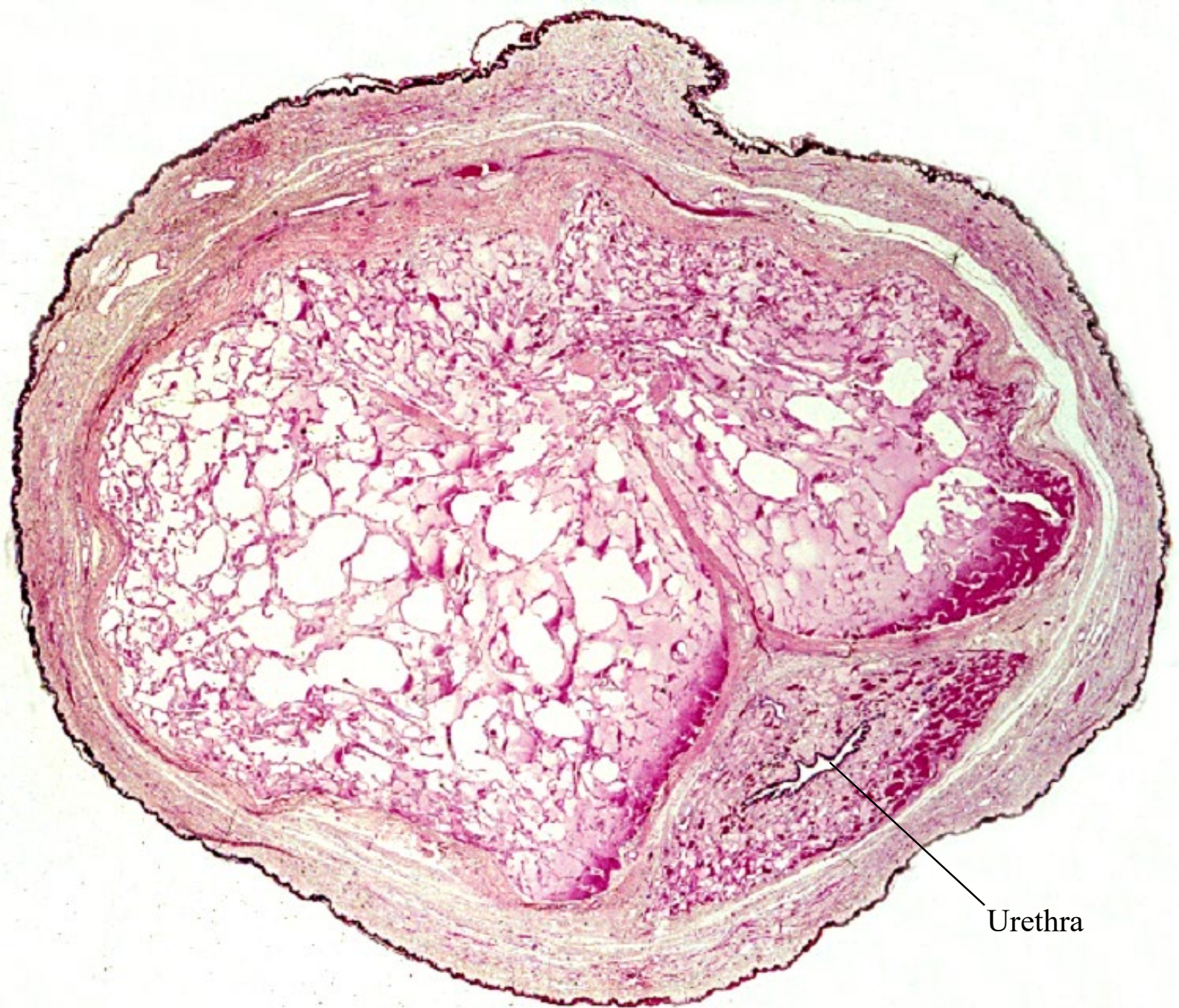
15-42. Epithelium of ureter. Human, H-E stain, x 64.



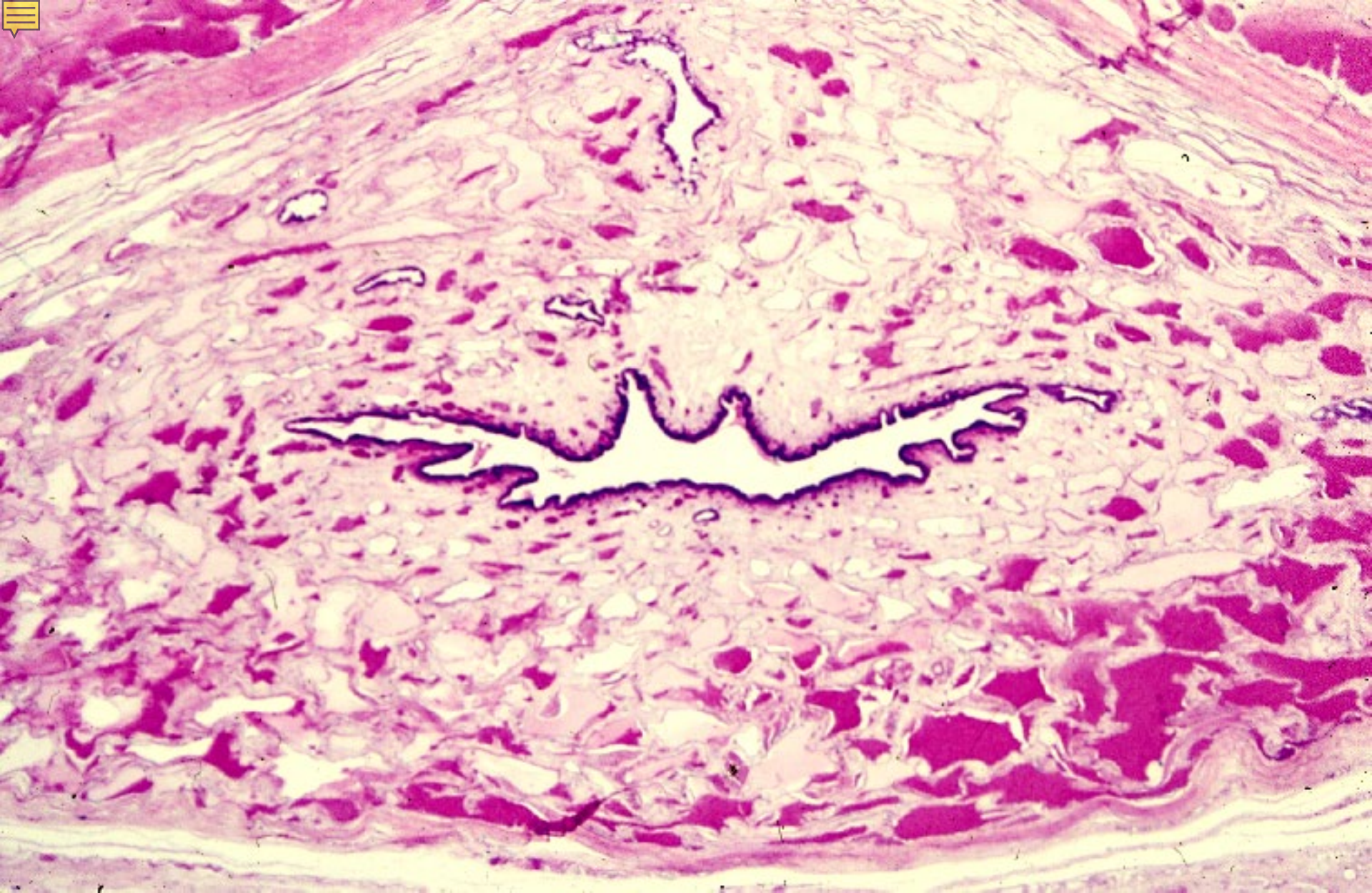
15-43. Wall of urinary bladder, general view. Human, H-E stain, x 2.7.



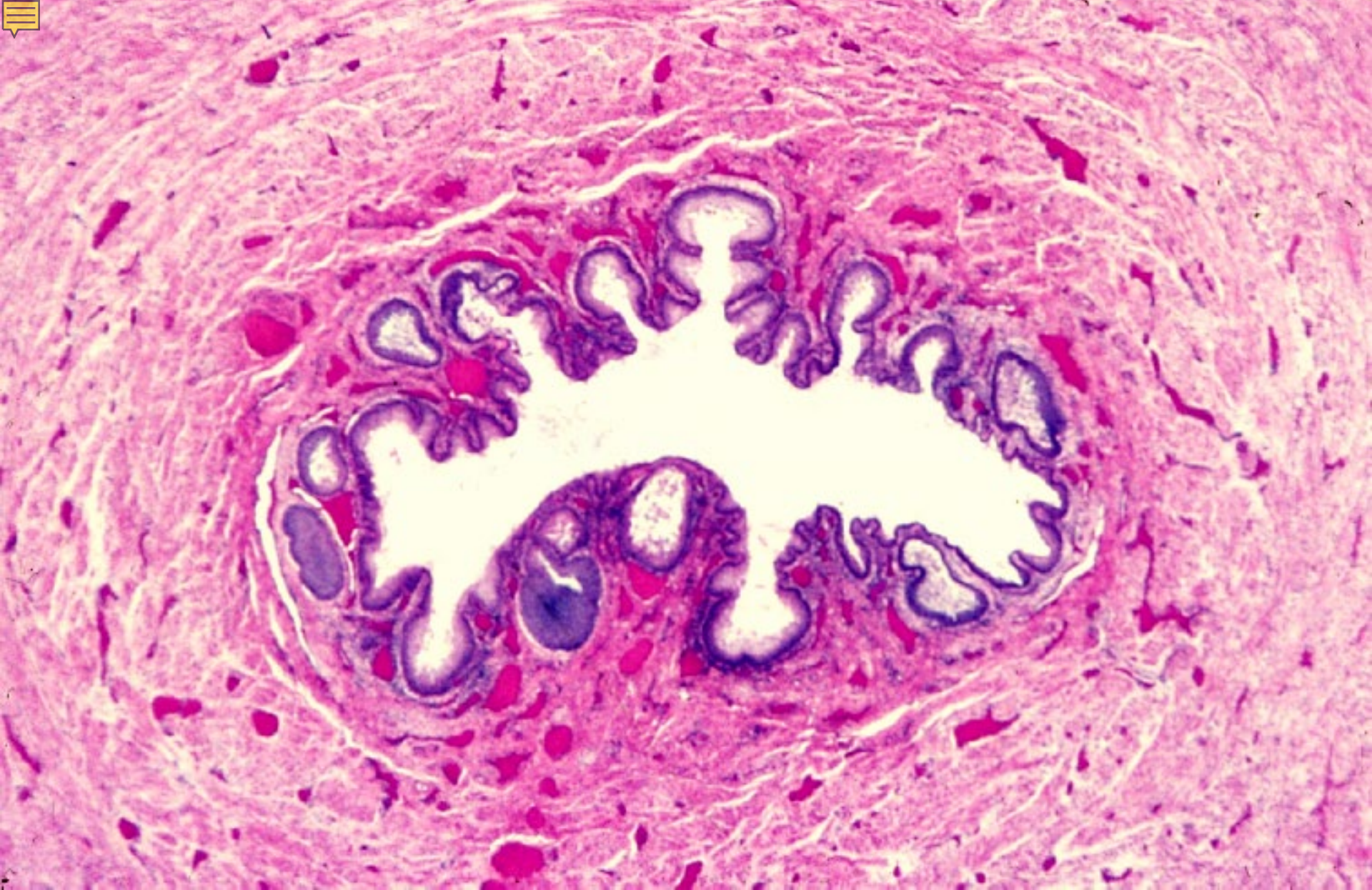
15-44. Epithelium of urinary bladder. Human, H-E stain, x 64.



15-45. Penis, transverse section. Human, H-E stain, x 0.85.



15-46. Male urethra. Human, H-E stain, x 4.



15-47. Female urethra. Human, H-E stain, x 4.