



Data base of Histology Color slides

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Version of Record

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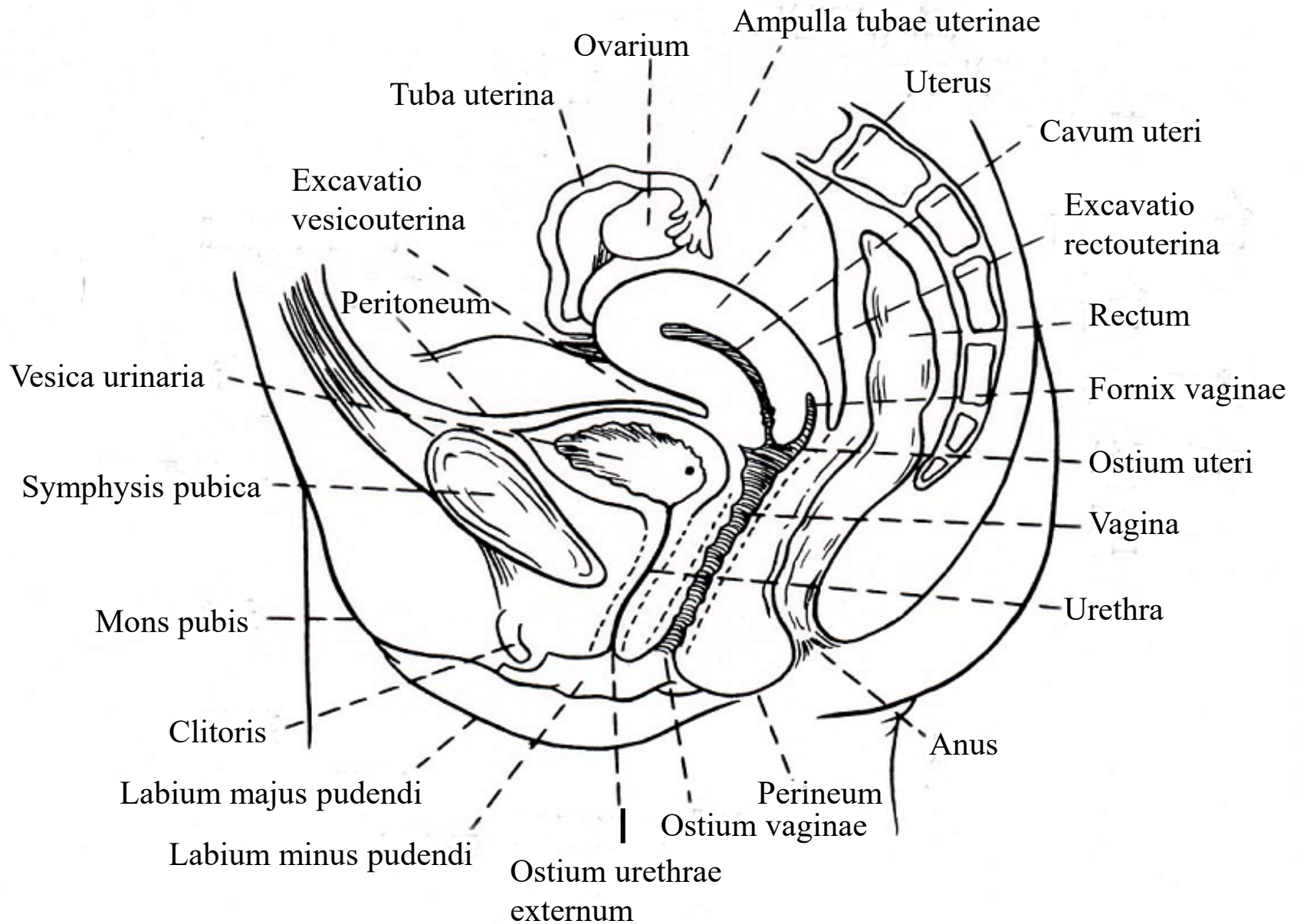
<https://hdl.handle.net/20.500.14094/90009617>



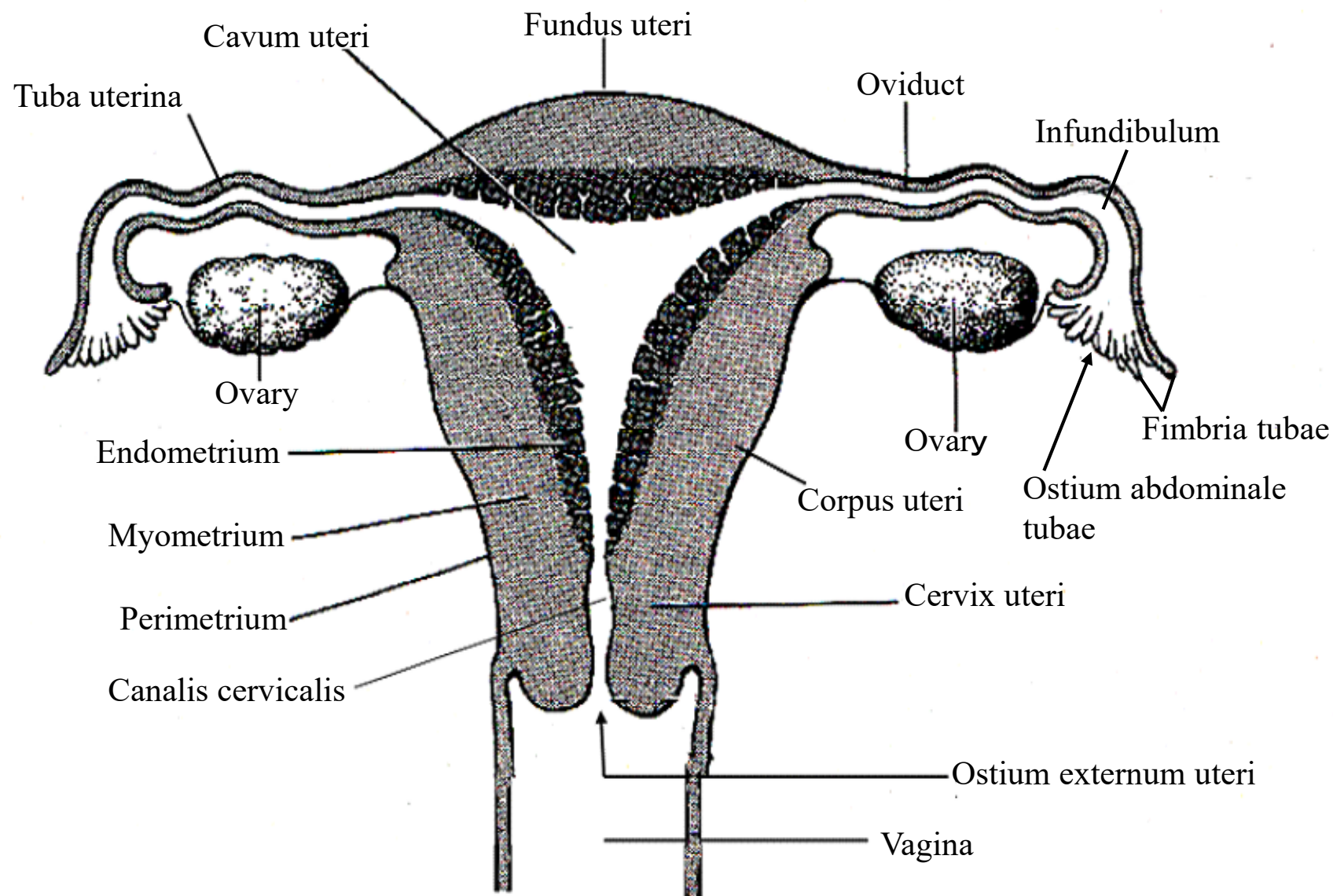


17

Female Reproductive System



17-01. Scheme showing the female reproductive system.



17-02 Scheme showing the female reproductive system 2.

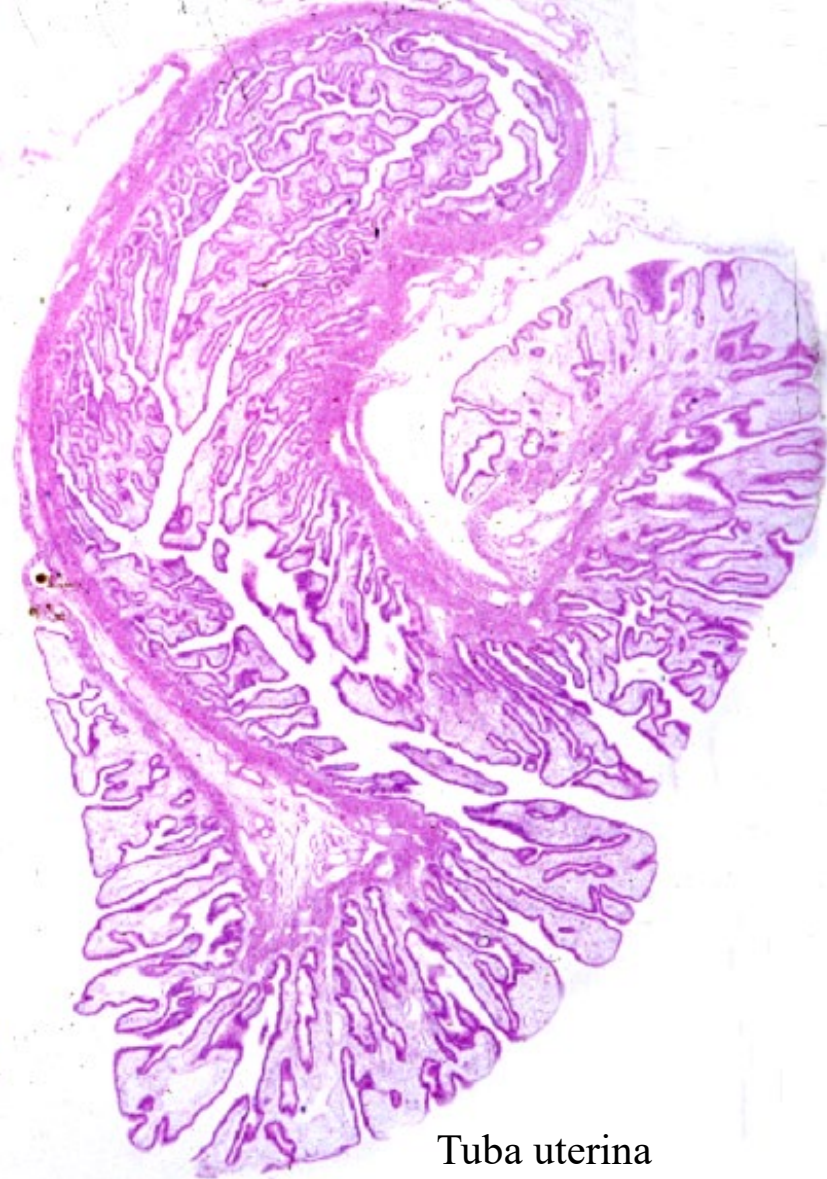


17-001

Ovary

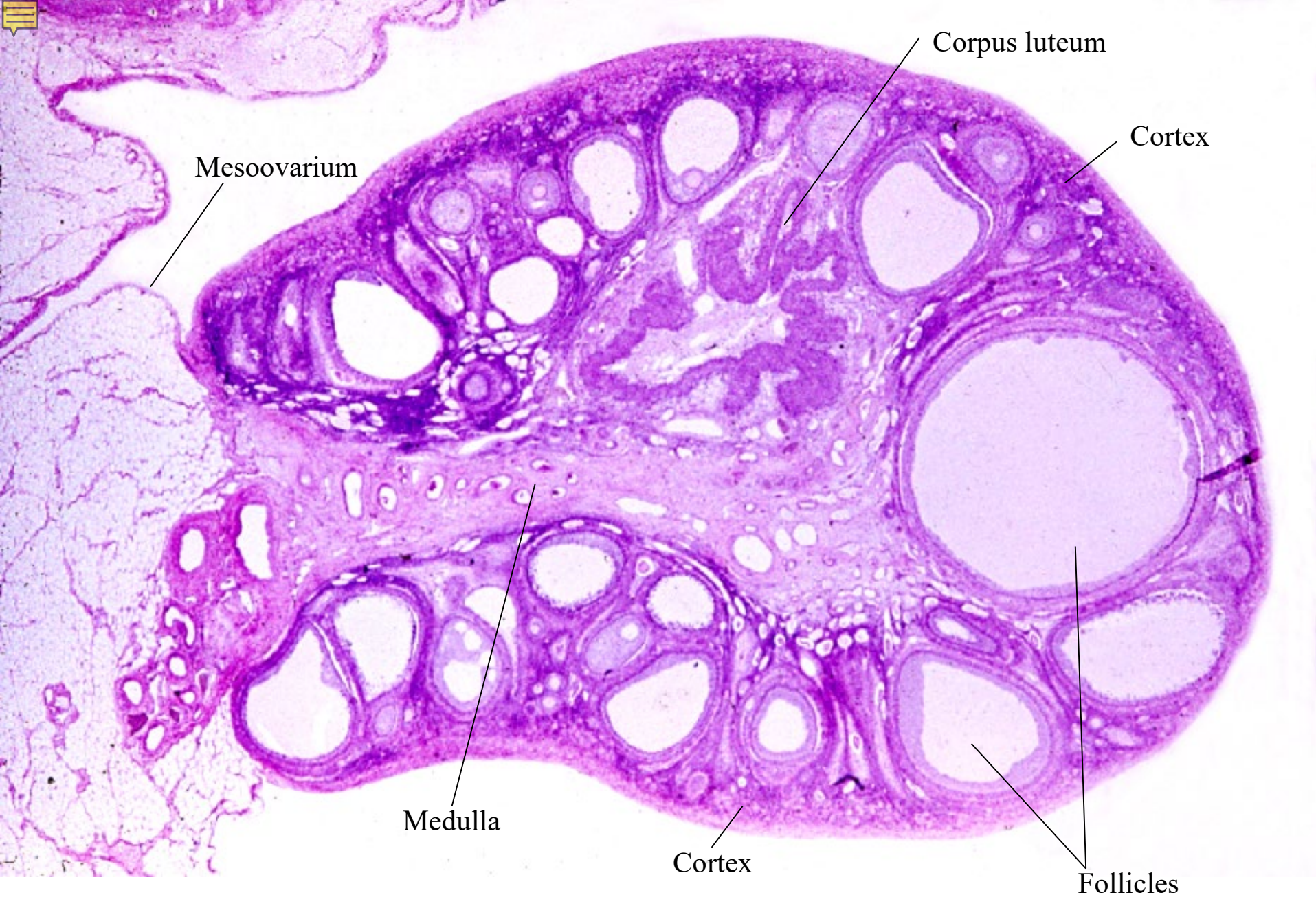


Ovarium

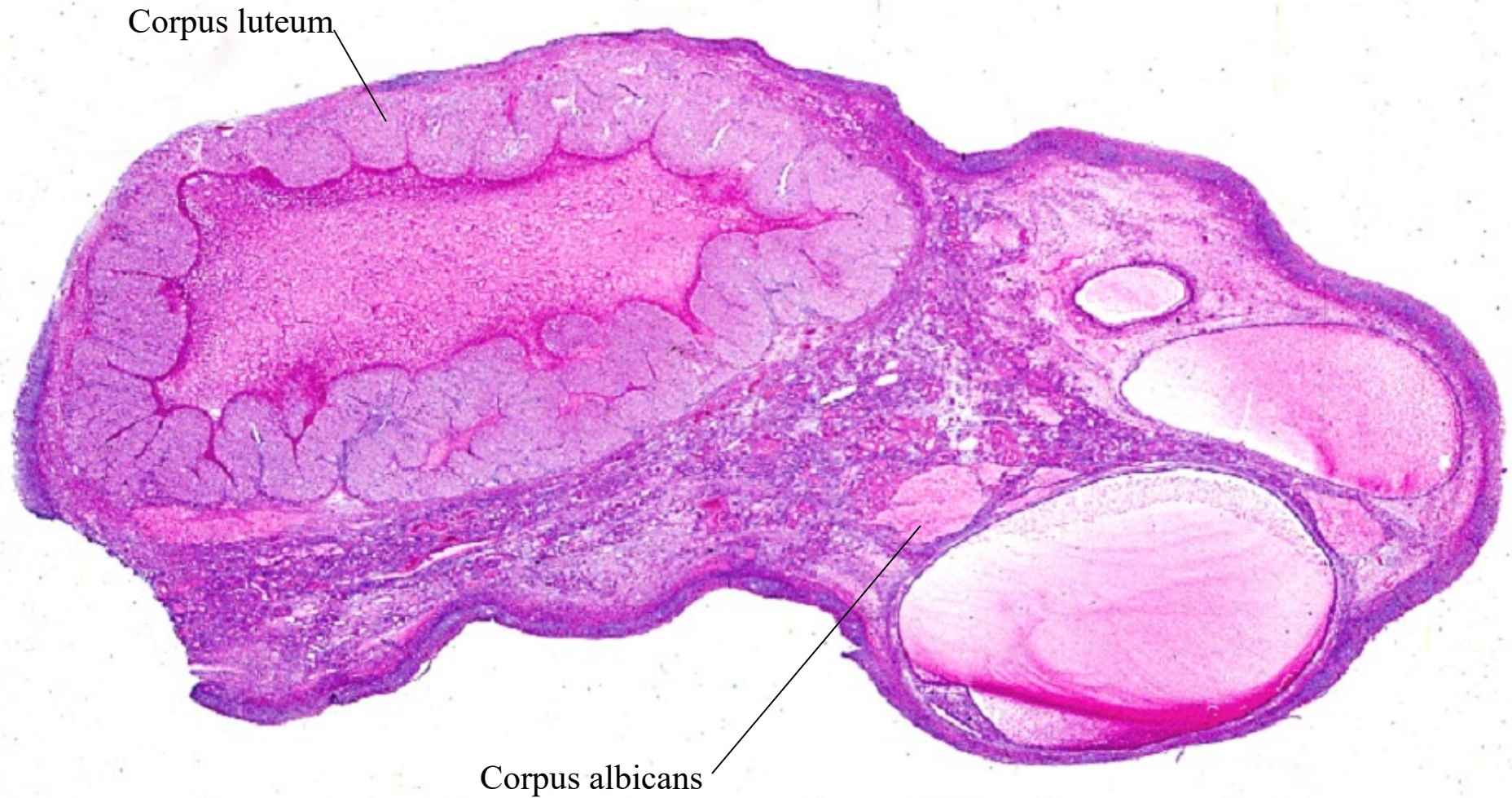


Tuba uterina

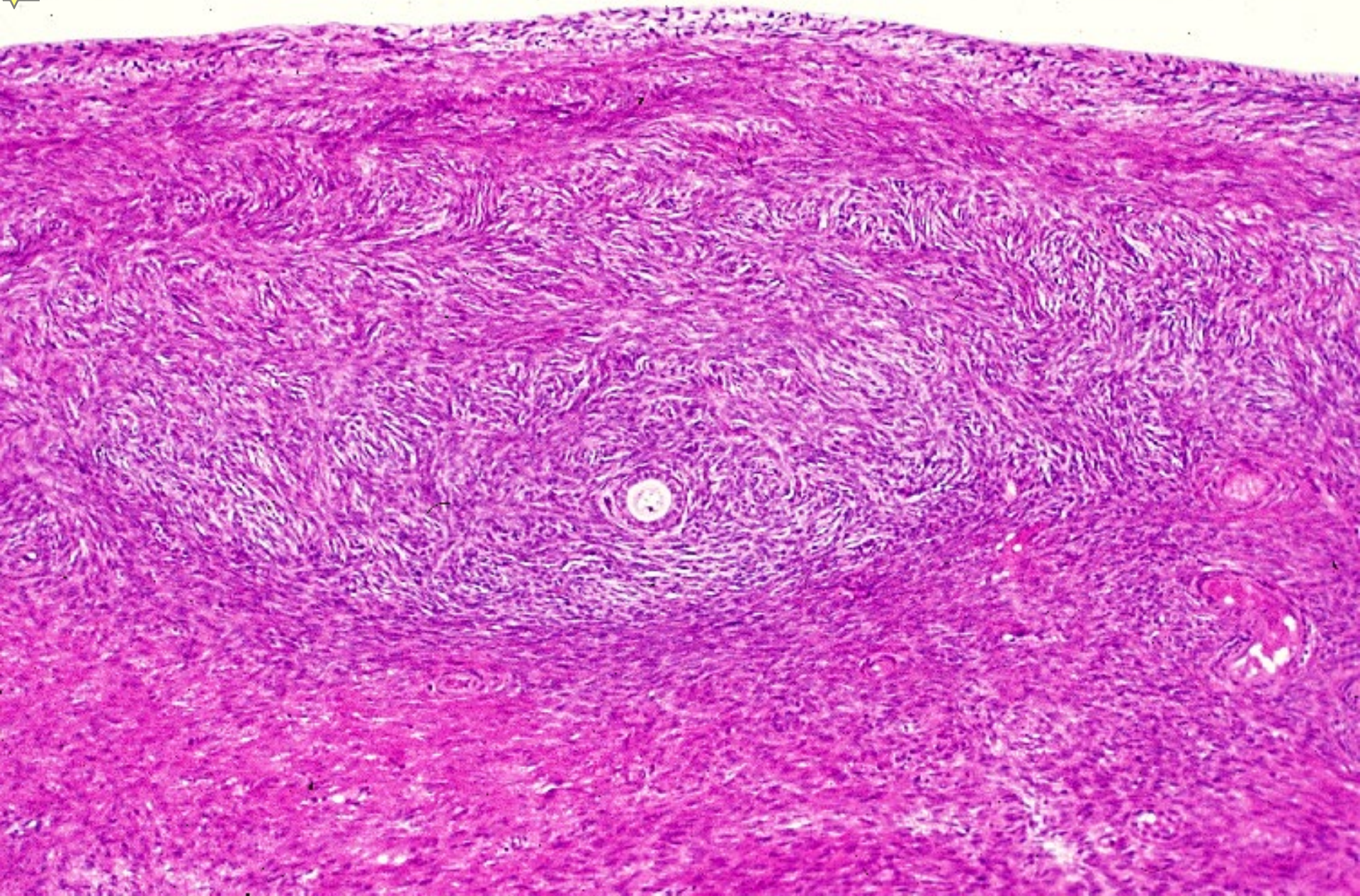
17-03. Ovary and oviduct. General view. Monkey, H-E stain, x 1.2.



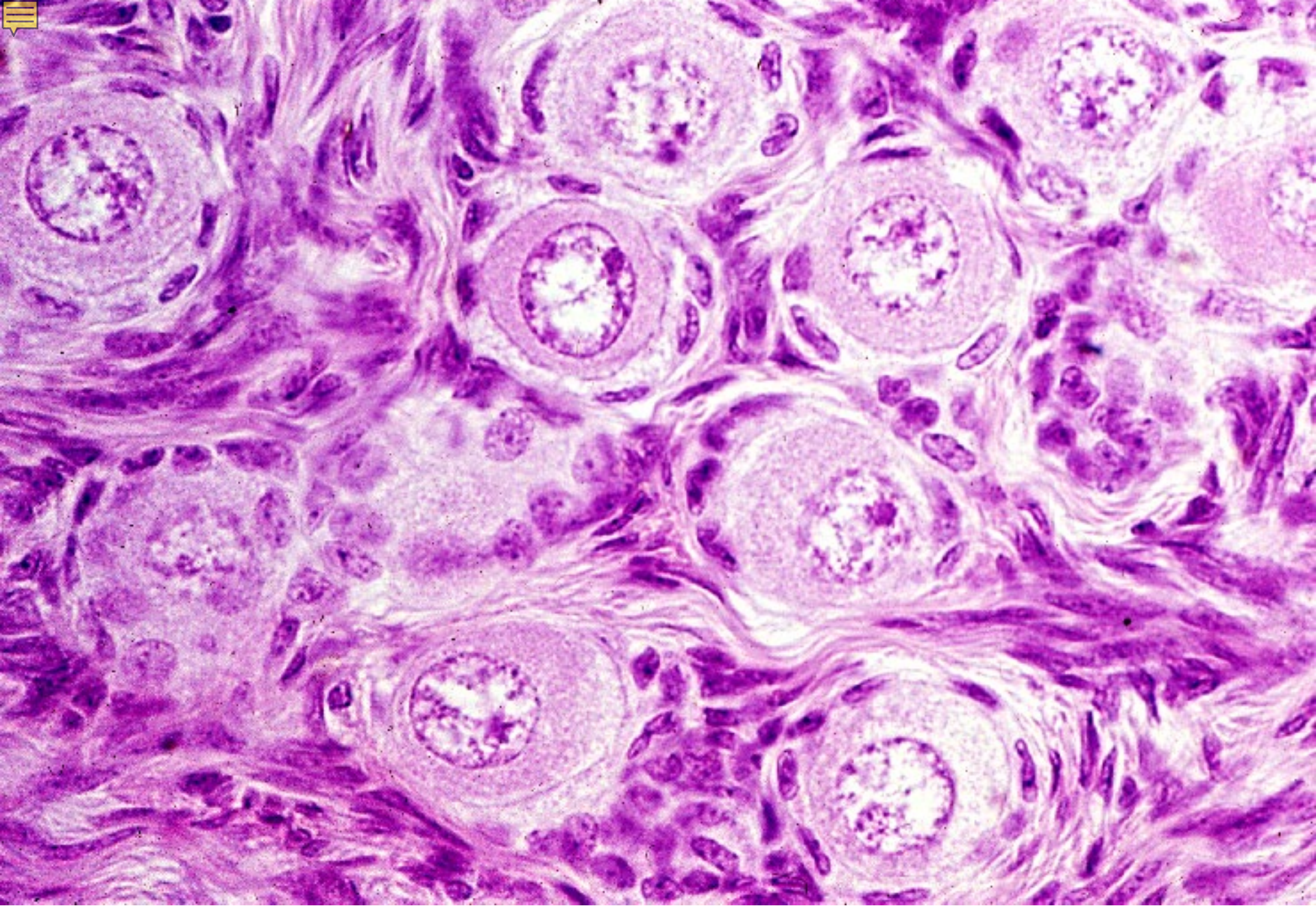
17-04. Ovary, sagittal section, general view. Monkey, H-E stain, x 2.



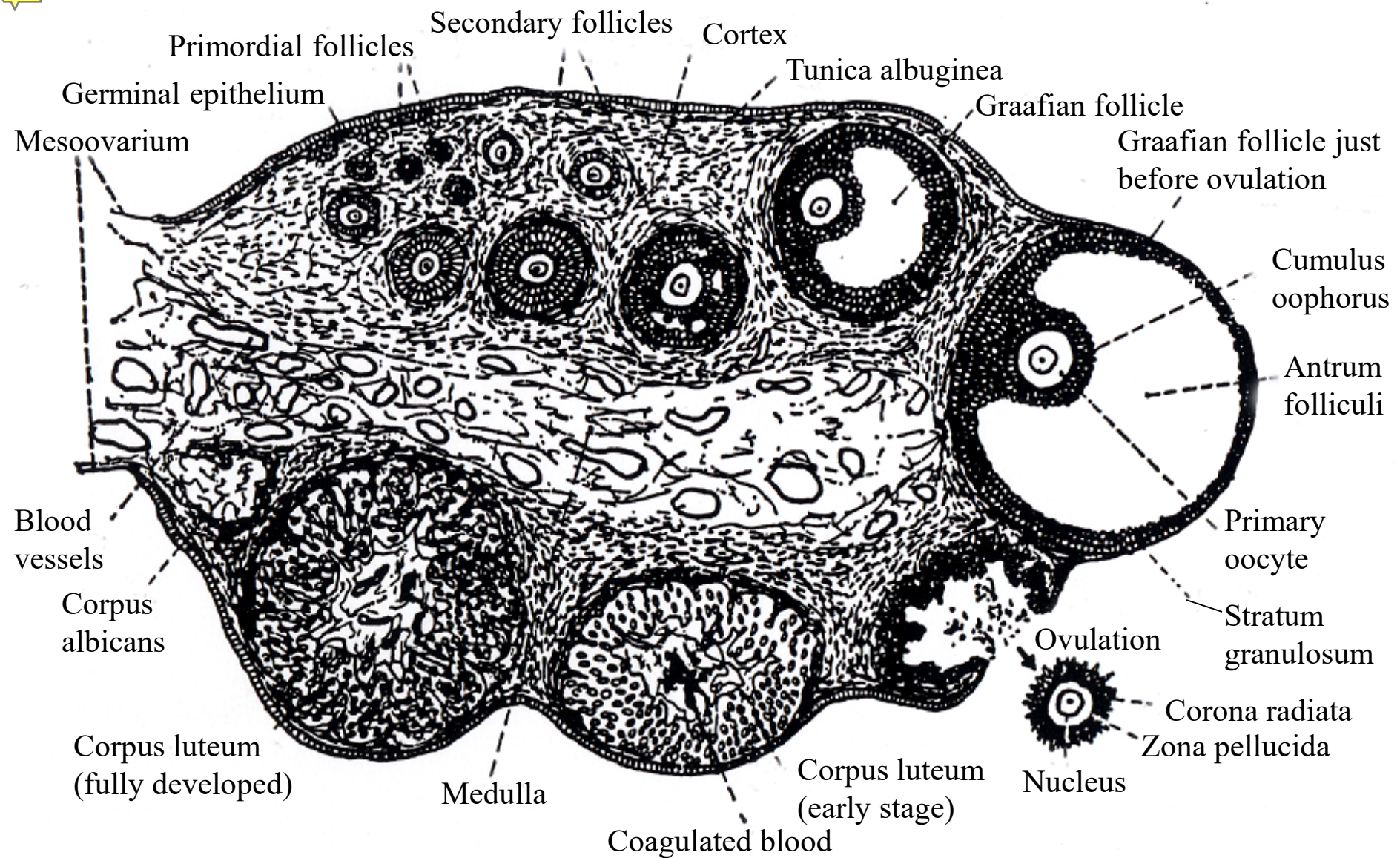
17-05. Ovary, containing a large corpus luteum, general view.
Human, H-E stain, x 1.15.



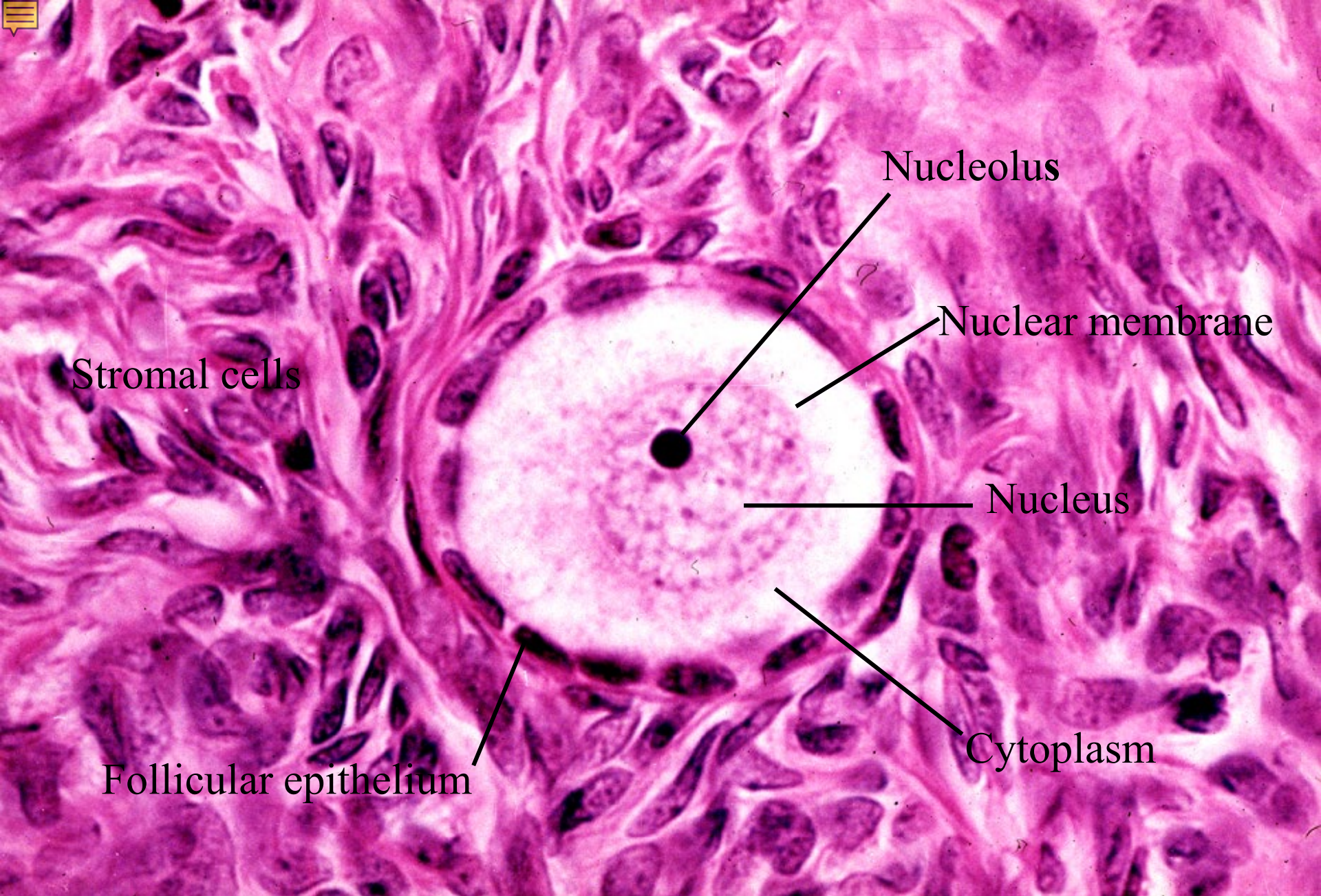
17-06. Cortex of ovary. Human, H-E stain, x 25.



17-07. Primordial egg follicles. Monkey, H-E stain, x 160.



17-08. Scheme showing the development of egg follicles and corpus luteum.



Nucleolus

Nuclear membrane

Nucleus

Cytoplasm

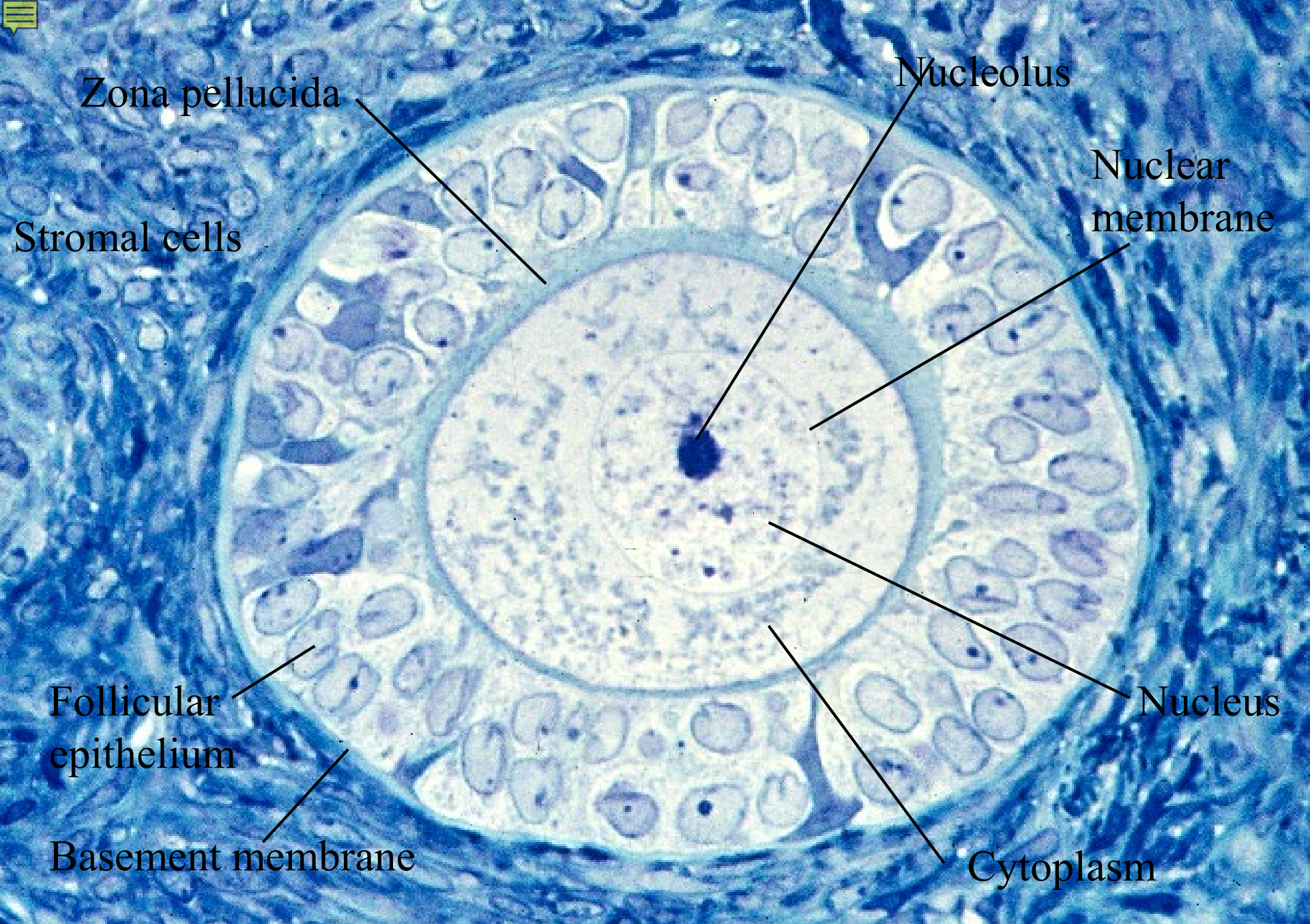
Stromal cells

Follicular epithelium

17-09. Primordial egg follicle. Human, H-E stain, x 250.



17-10. Young primary egg follicle 1. Human, H-E stain, x 250.



Zona pellucida

Nucleolus

Nuclear
membrane

Stromal cells

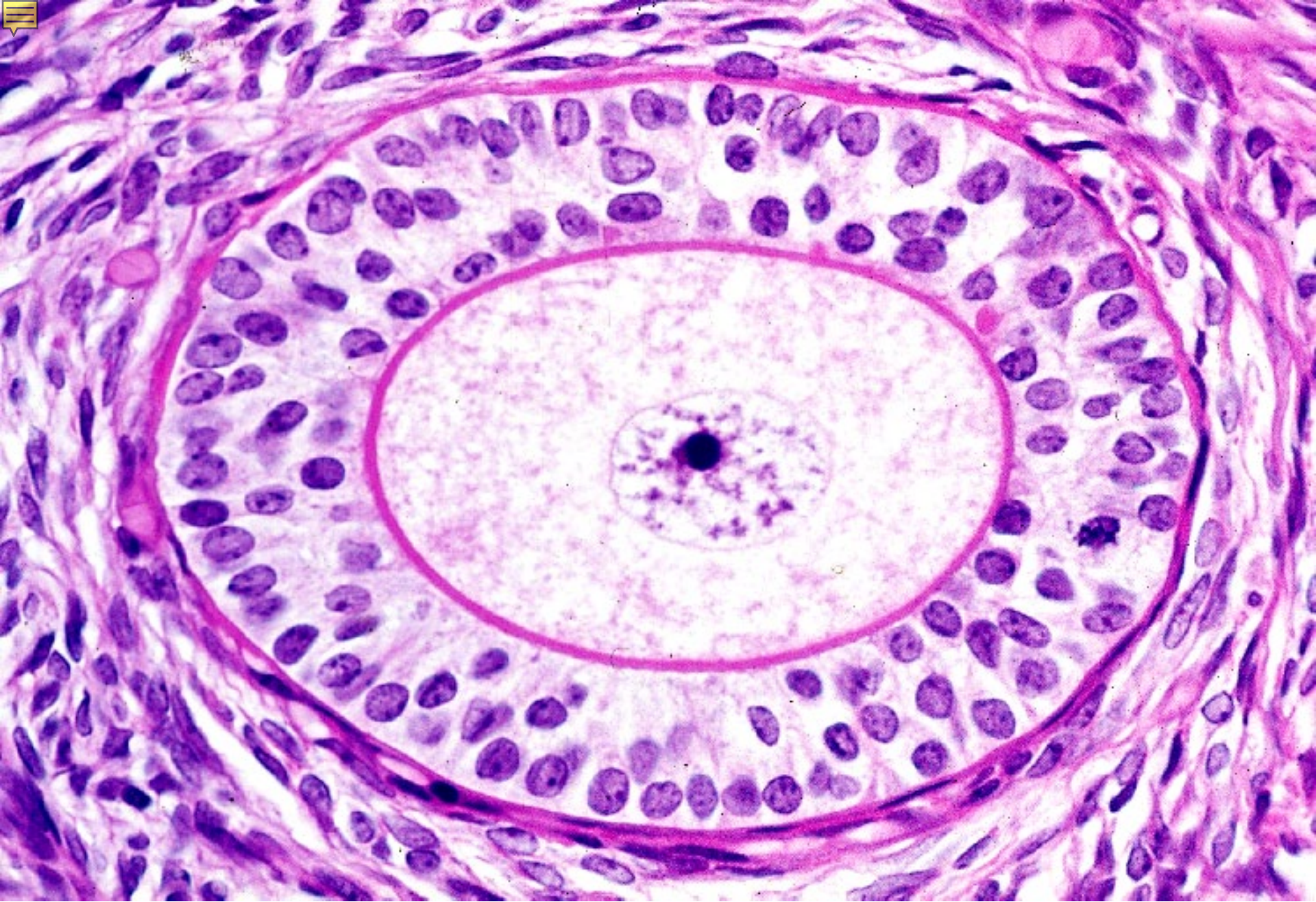
Follicular
epithelium

Basement membrane

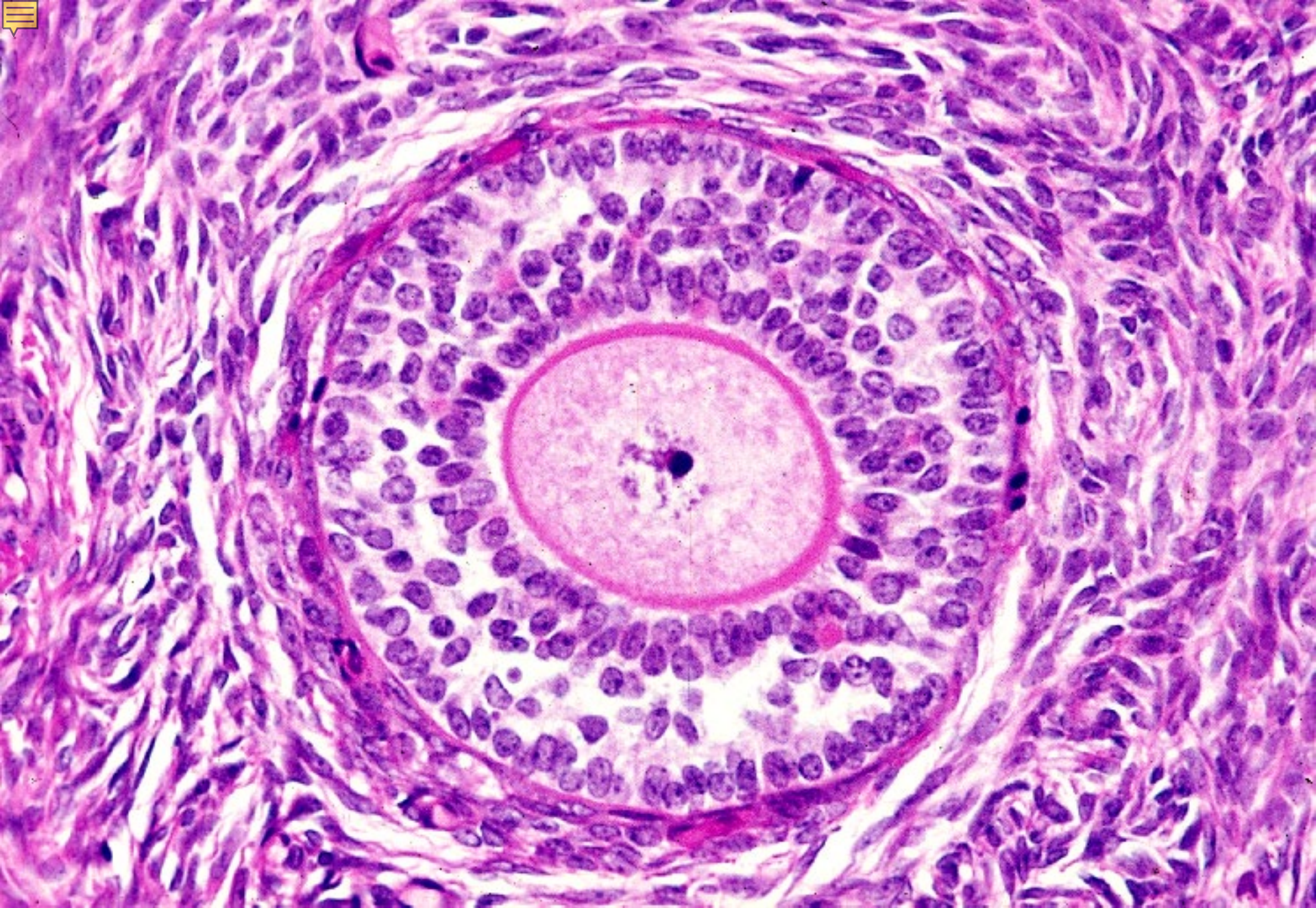
Nucleus

Cytoplasm

17-11. Developed primary egg follicle. Human, epon section, toluidinblue stain, x 160.



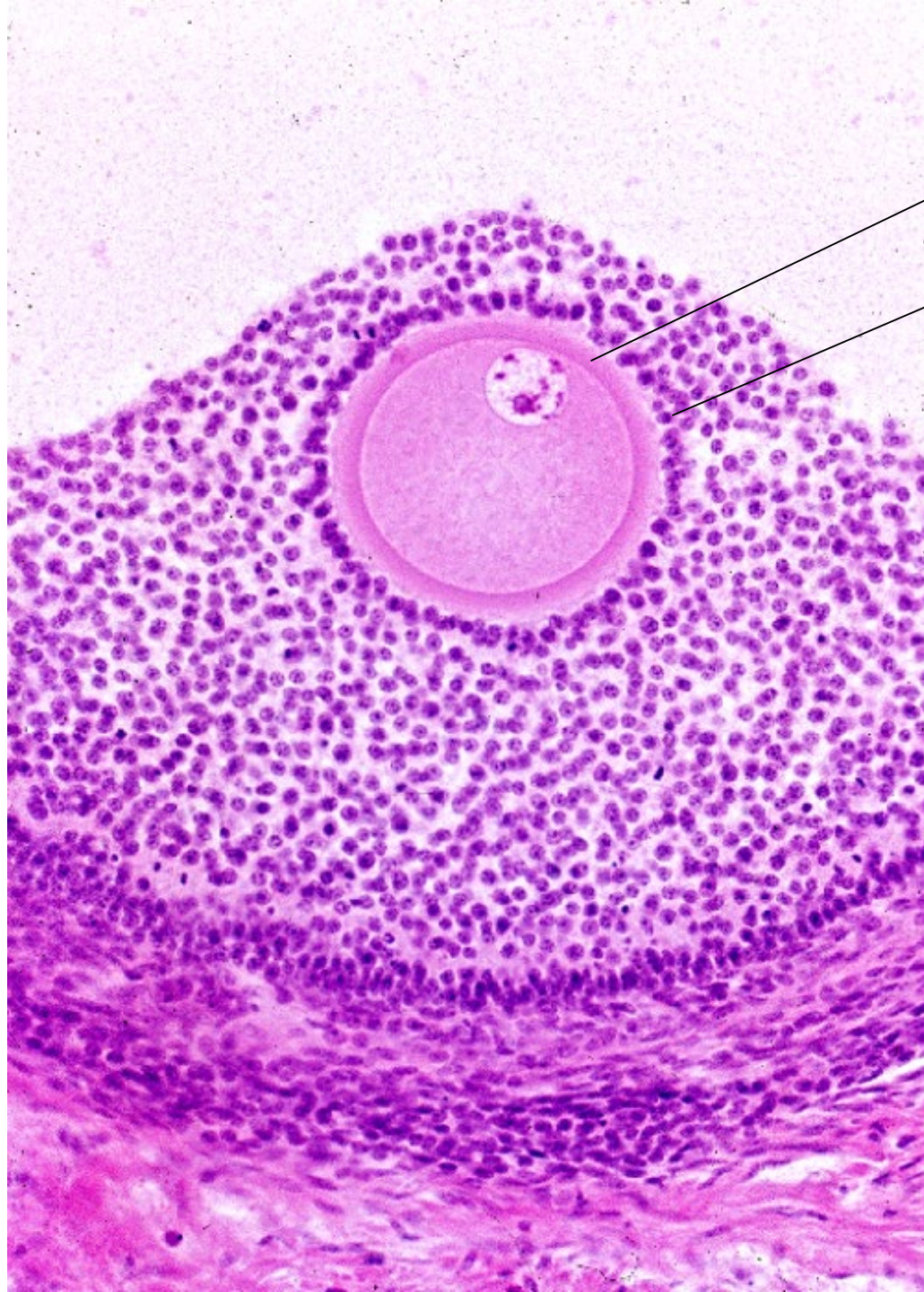
17-12. Young secondary egg follicle, Human, H-E stain, x 160.



17-13. A well developed secondary egg follicle. Human, H-E stain, x 100.



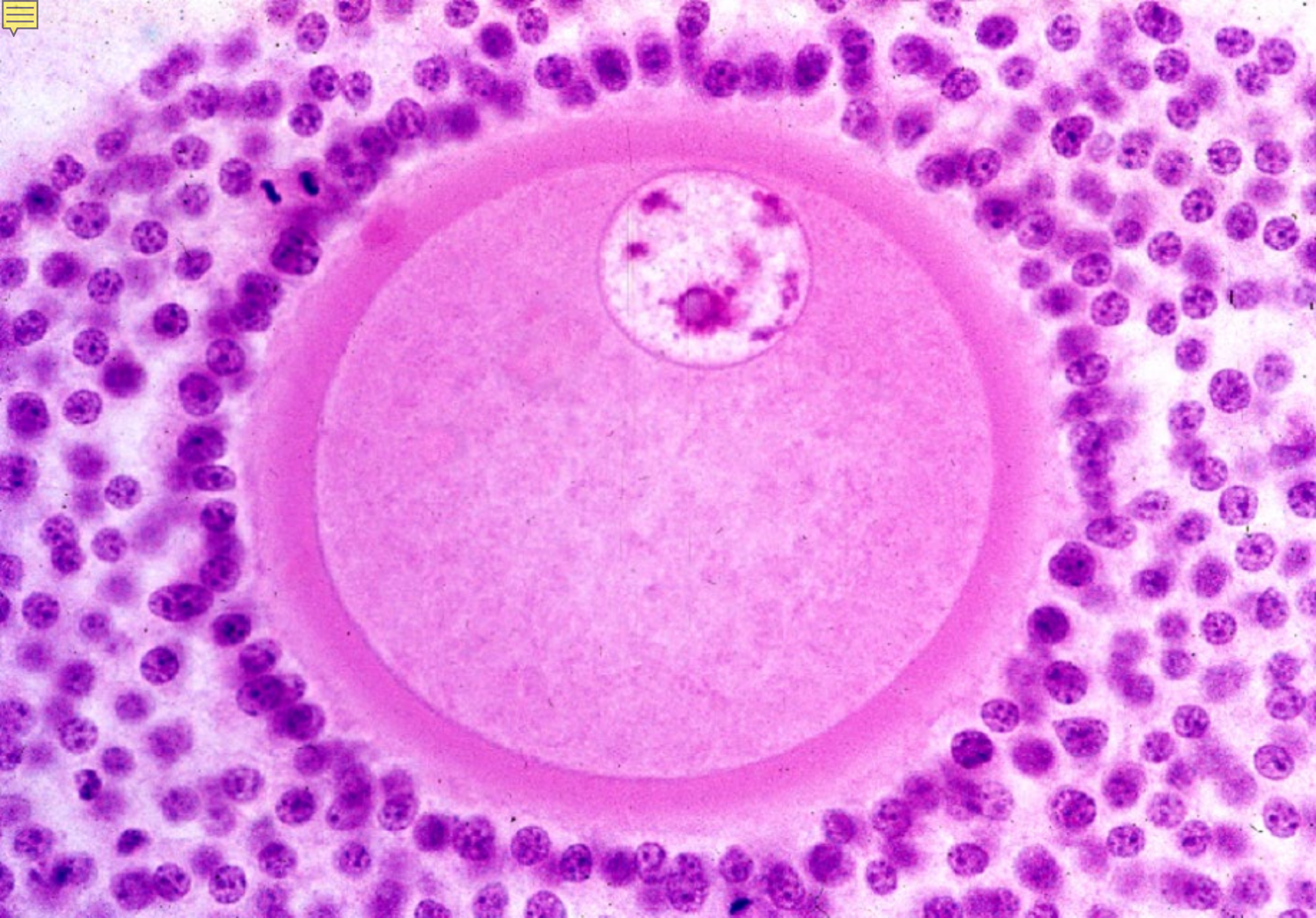
17-14. A Graafian follicle. Monkey, H-E stain, x 25.



Zona pellucida

Corona radiata

17-15.
A Graafian follicle,
Cumulus oophorus.
Monkey,
H-E stain,
x 64 .

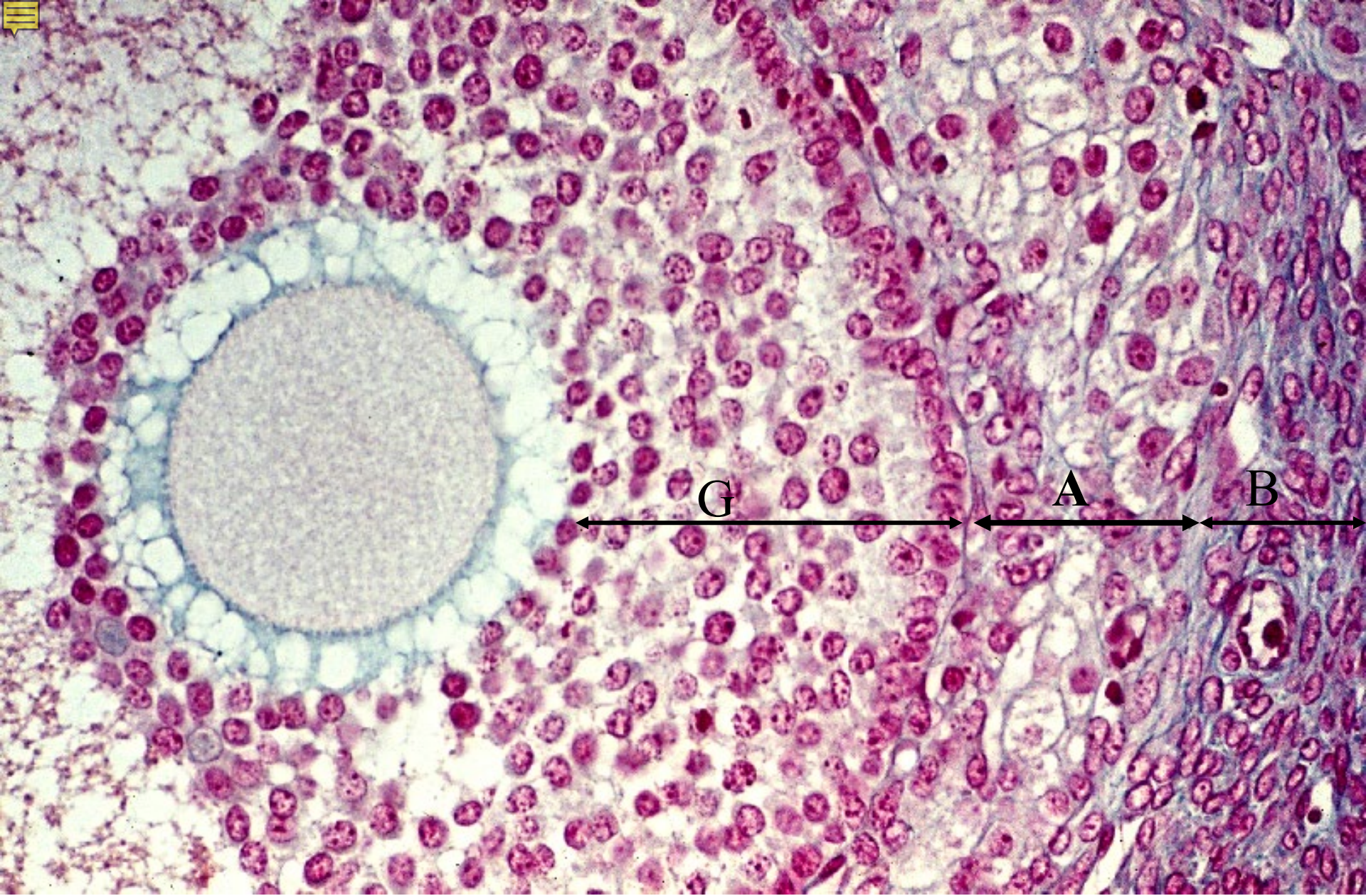


17-16. An egg cell just before ovulation surrounded with corona radiata.

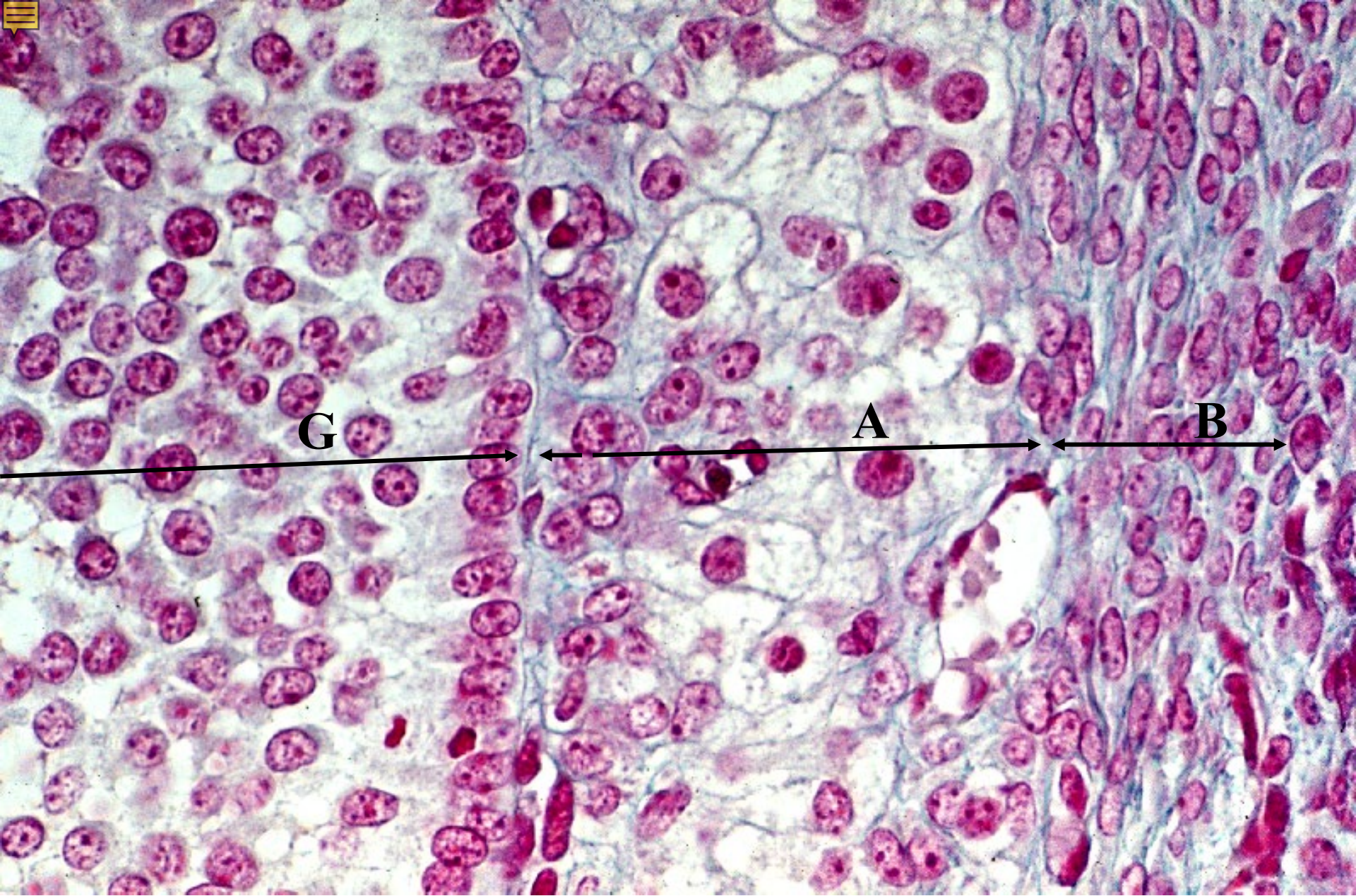
Monkey, H-E stain, x 200.



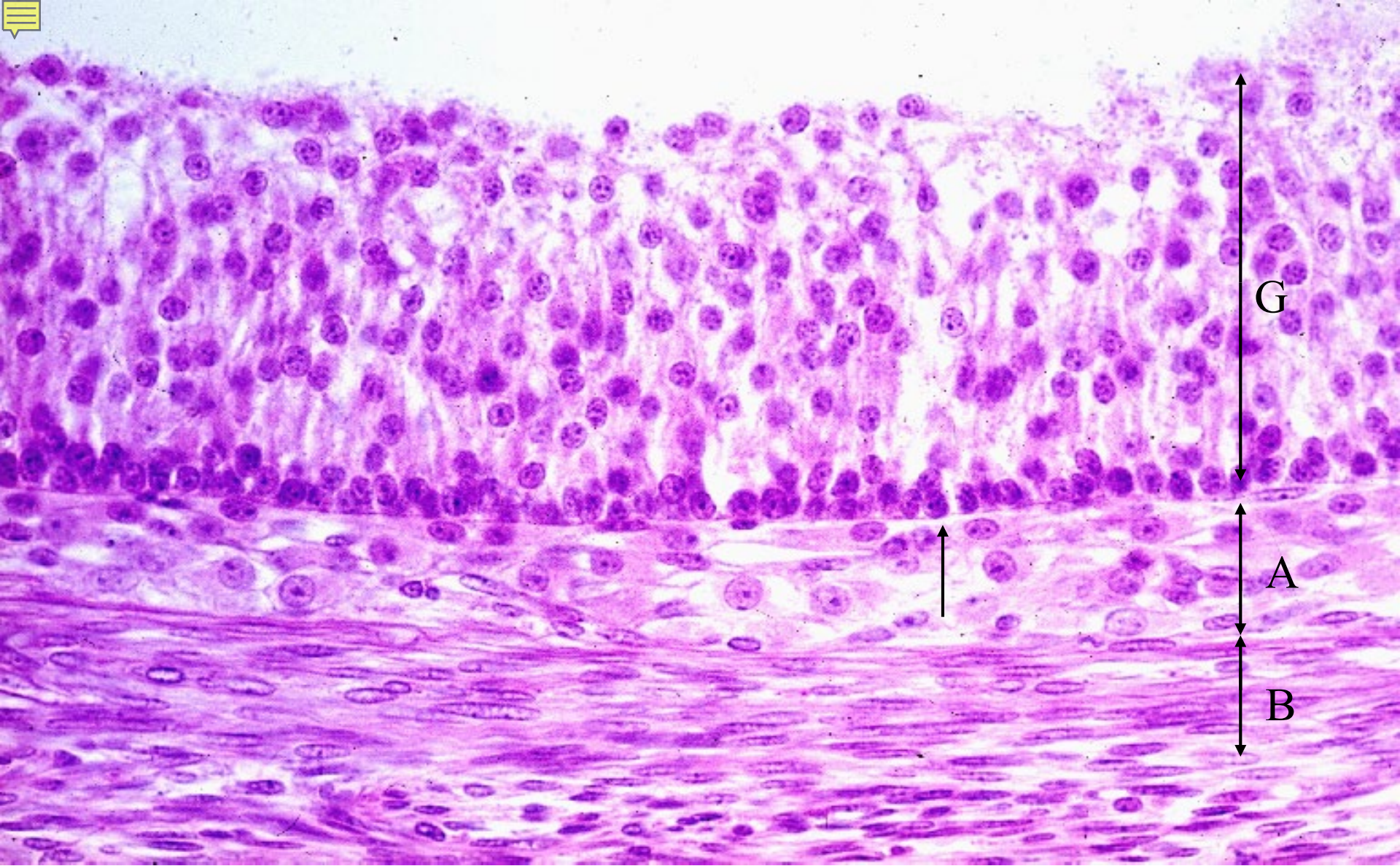
17-17. A small Graafian follicle 1. Human, MG stain, x 40.



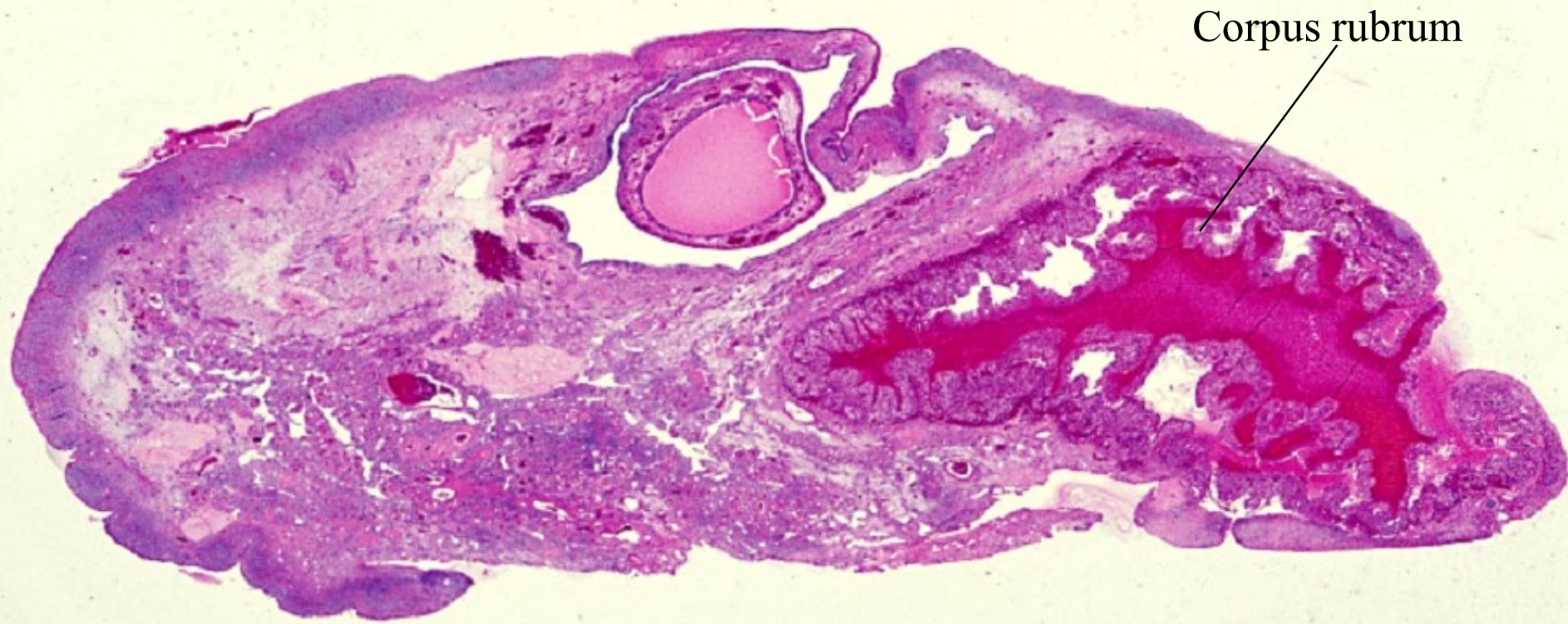
17-18. A small Graafian follicle 2. Cumulus oophorus and theca folliculi.
Human, MG stain, x 100.



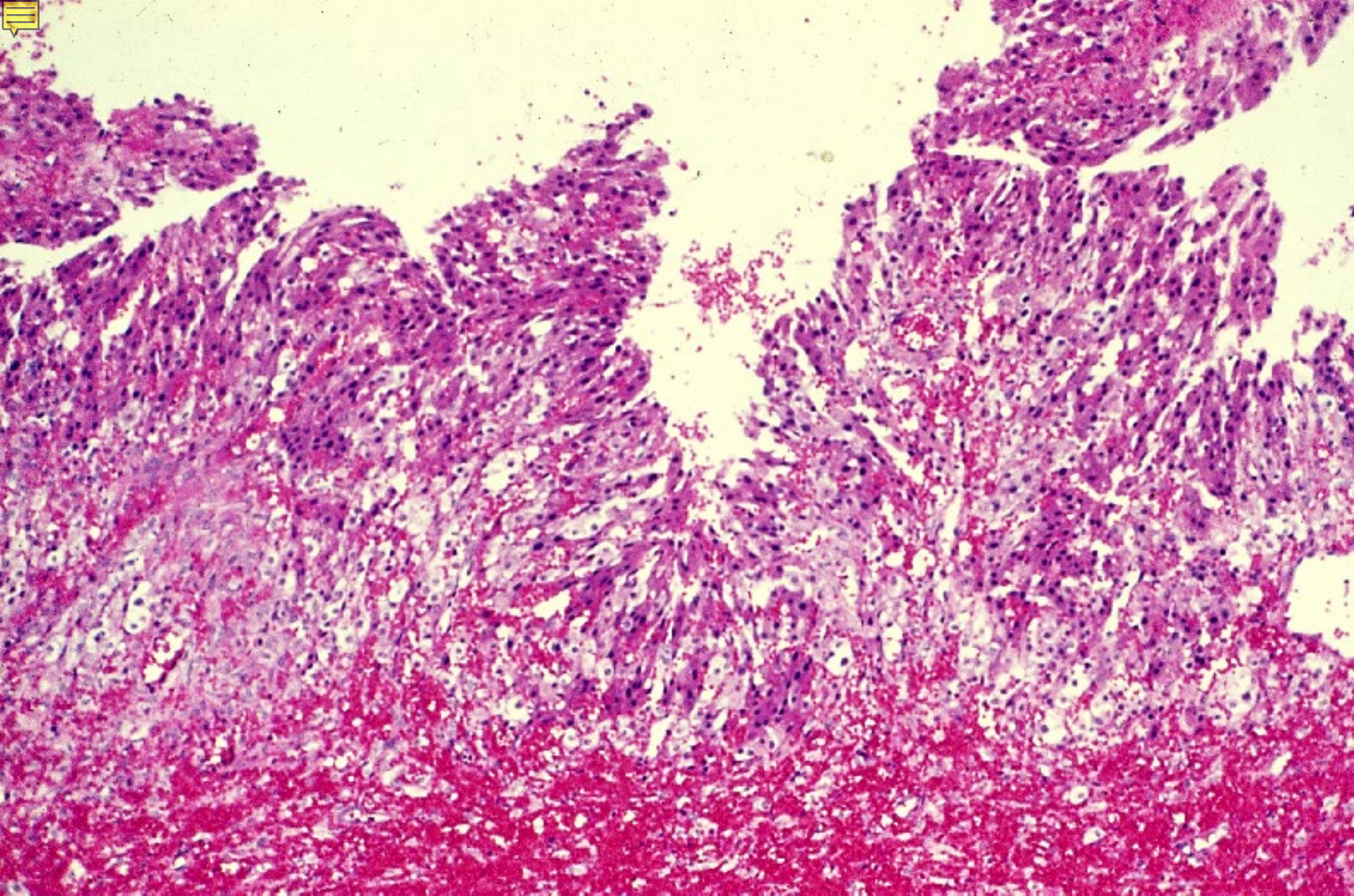
17-19. A small Graafian follicle 3. Stratum granulosum and theca folliculi interna et externa. Human, MG stain, x 160.



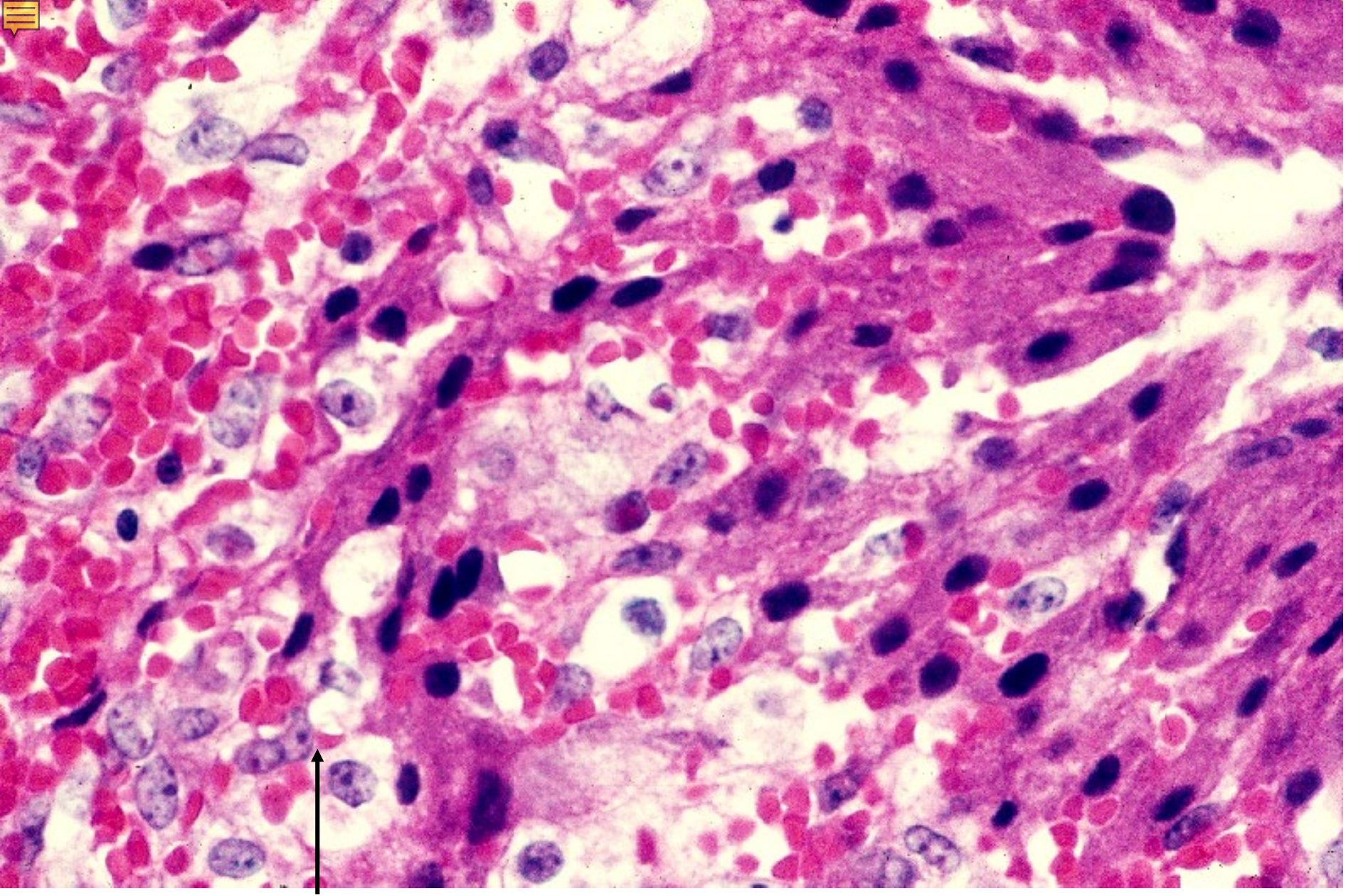
17-20. Stratum granulosum and theca folliculi interna et externa.
Monkey, H-E stain, x 100.



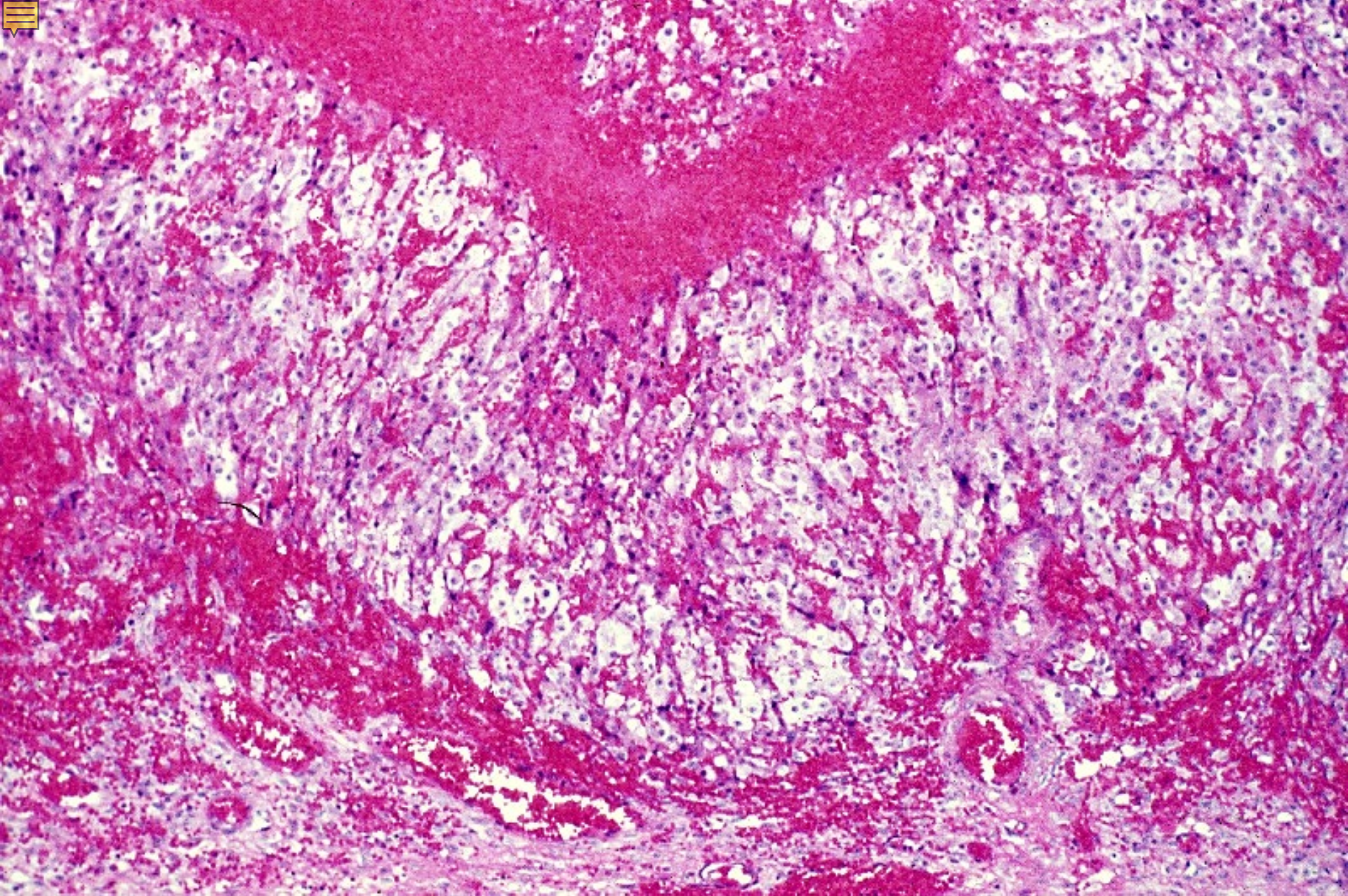
17-21. Corpus rubrum 1. General view. Human, H-E stain, x 1.3.



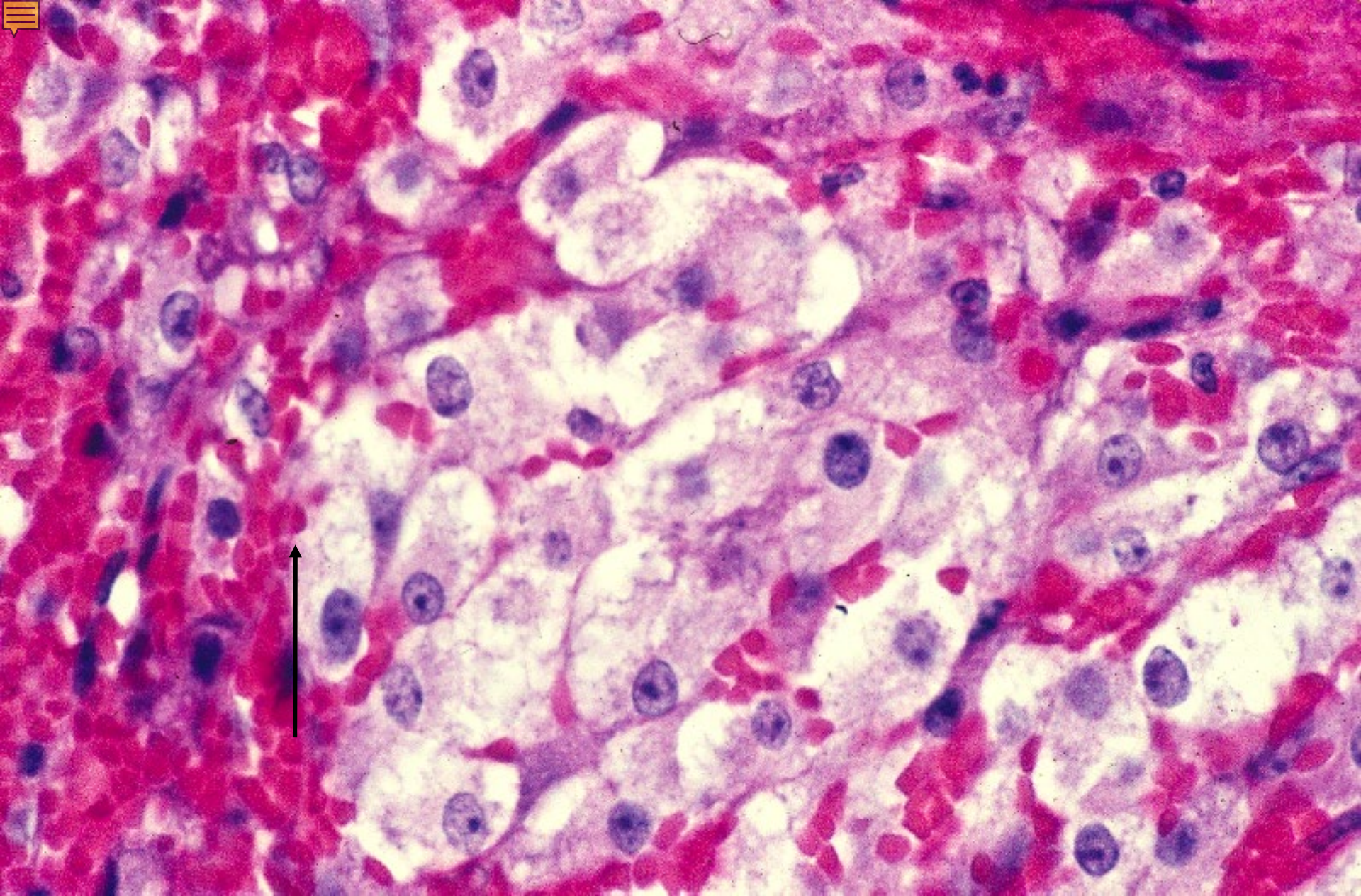
17-22. Corpus rubrum 2. Luteinization is still less progressed. Human, H-E stain, x 25.



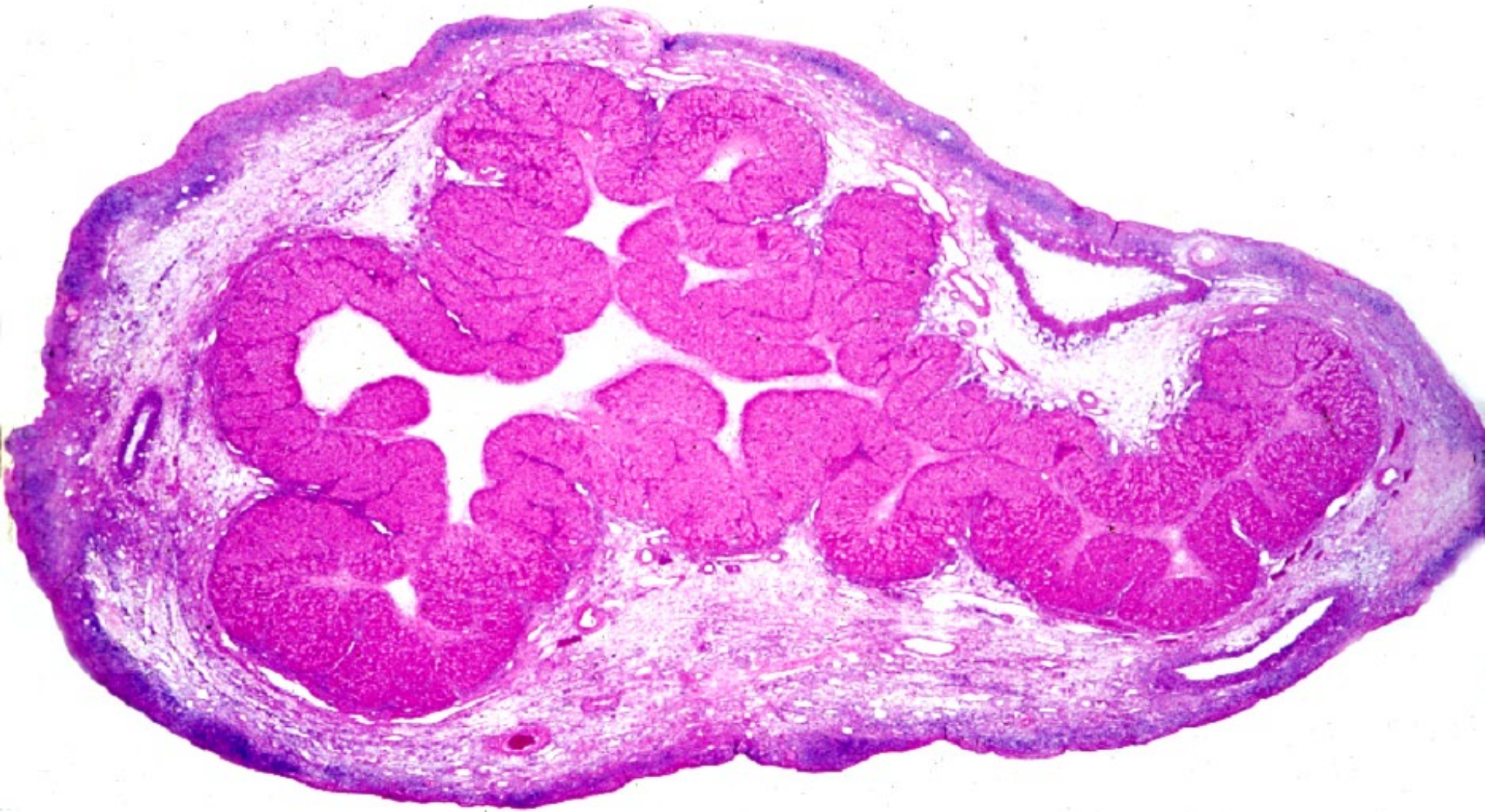
17-23. Corpus rubrum 3. Luteinization is still less progressed. Human, H-E stain, x 160.



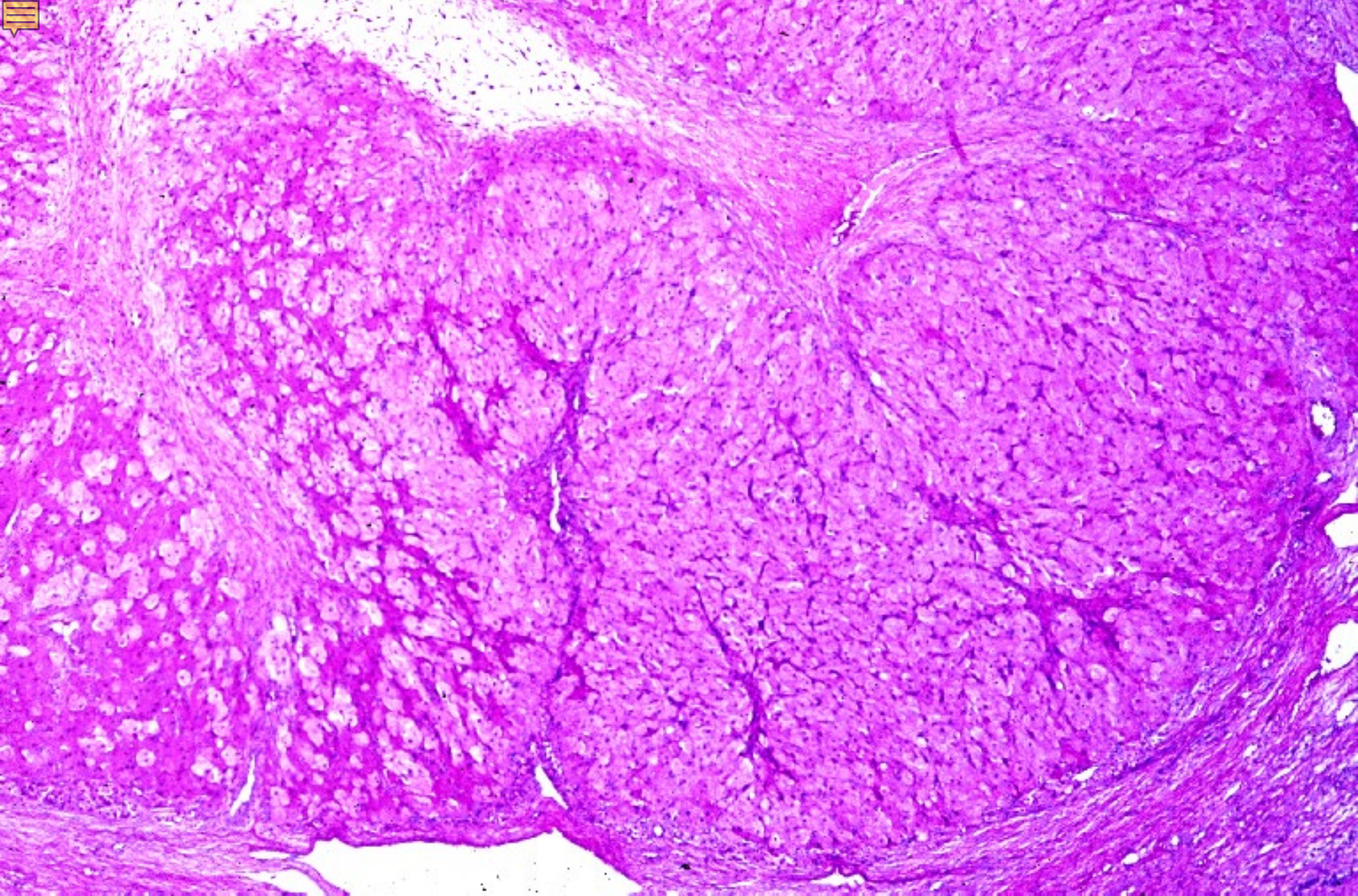
17-24. Corpus rubrum 4. Luteinization is progressed. Human, H-E stain, x 25.



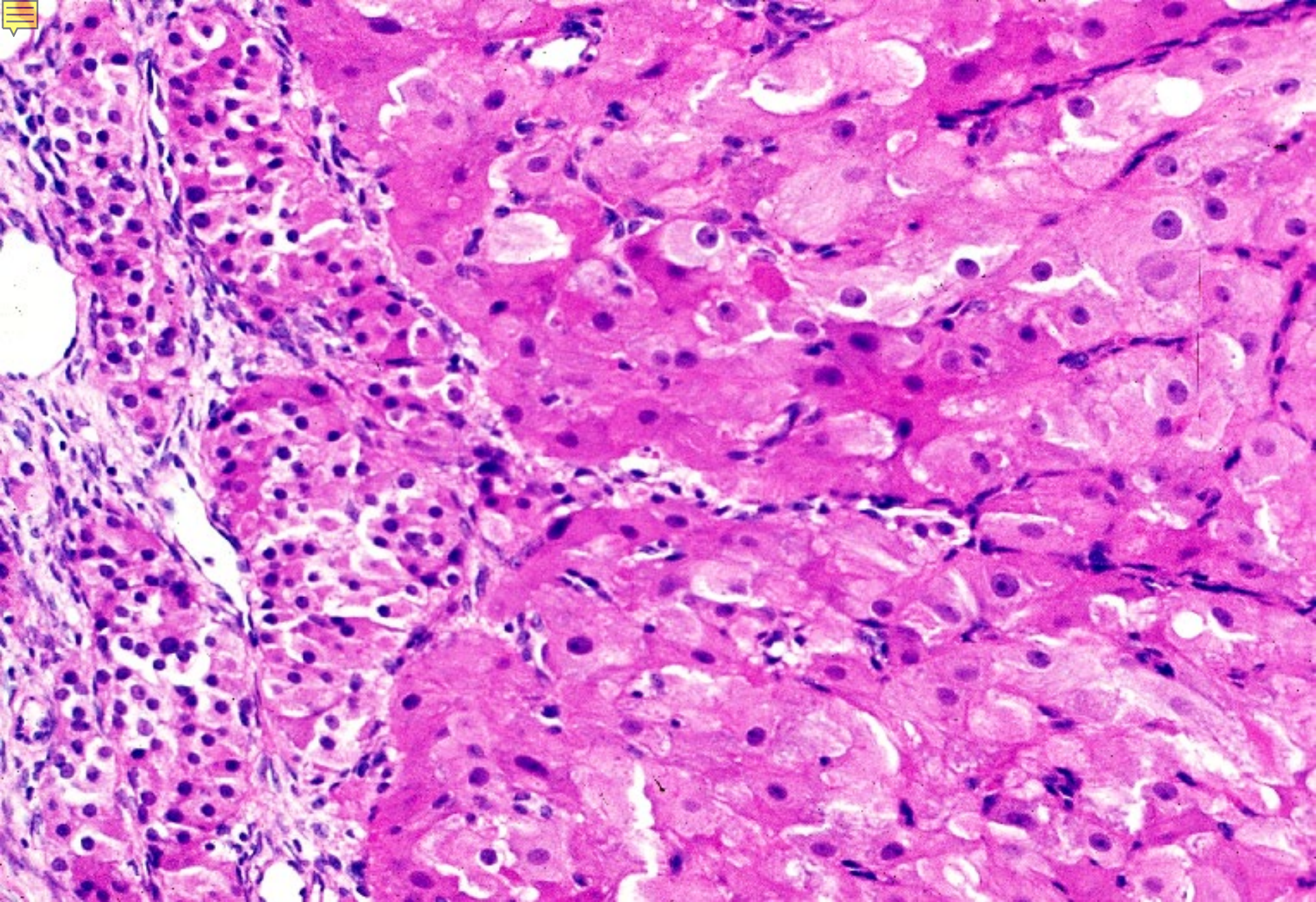
17-25. Corpus rubrum 5. Luteinization is progressed. Human, H-E stain, x 160.



17-26. Corpus luteum graviditatum 1. General view. Human, H-E stain, x 1.3.



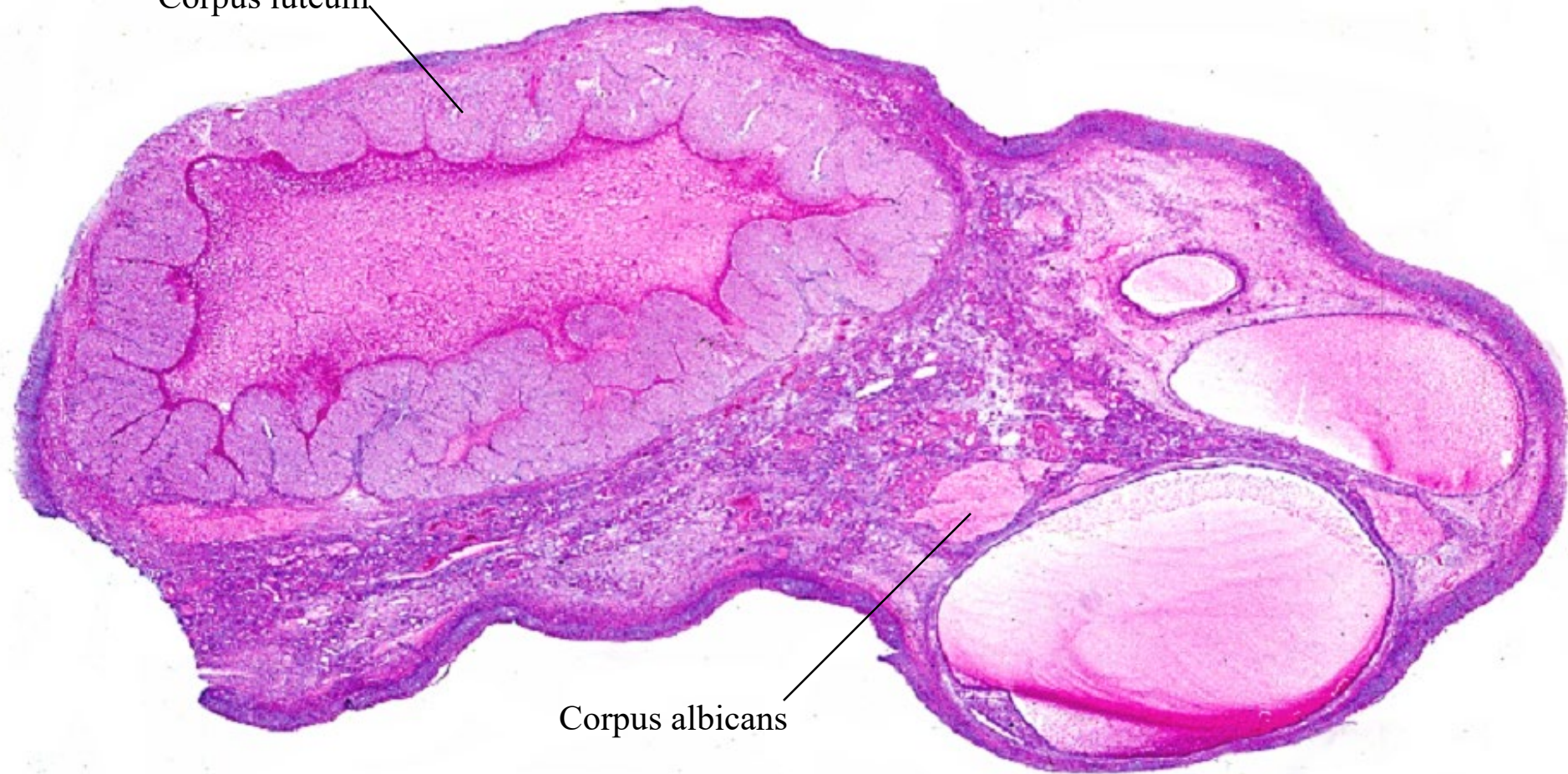
17-27. Corpus luteum graviditatum 2. General view. Human, H-E stain, x 10.



17-28. Corpus luteum graviditatum 3. Lutein cells (Granulosa lutein cells and theca lutein cells). Human, H-E stain, x 64.

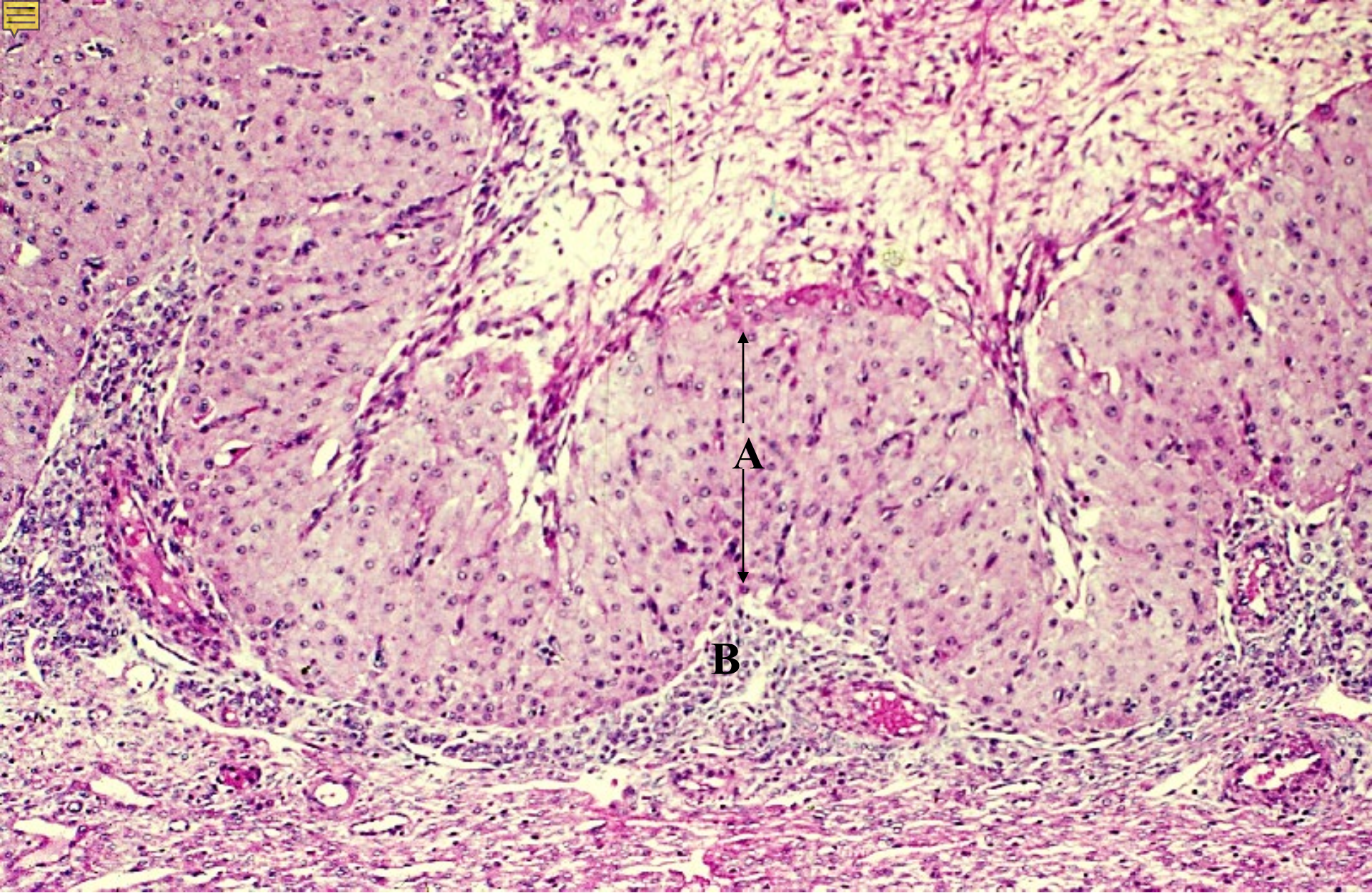


Corpus luteum

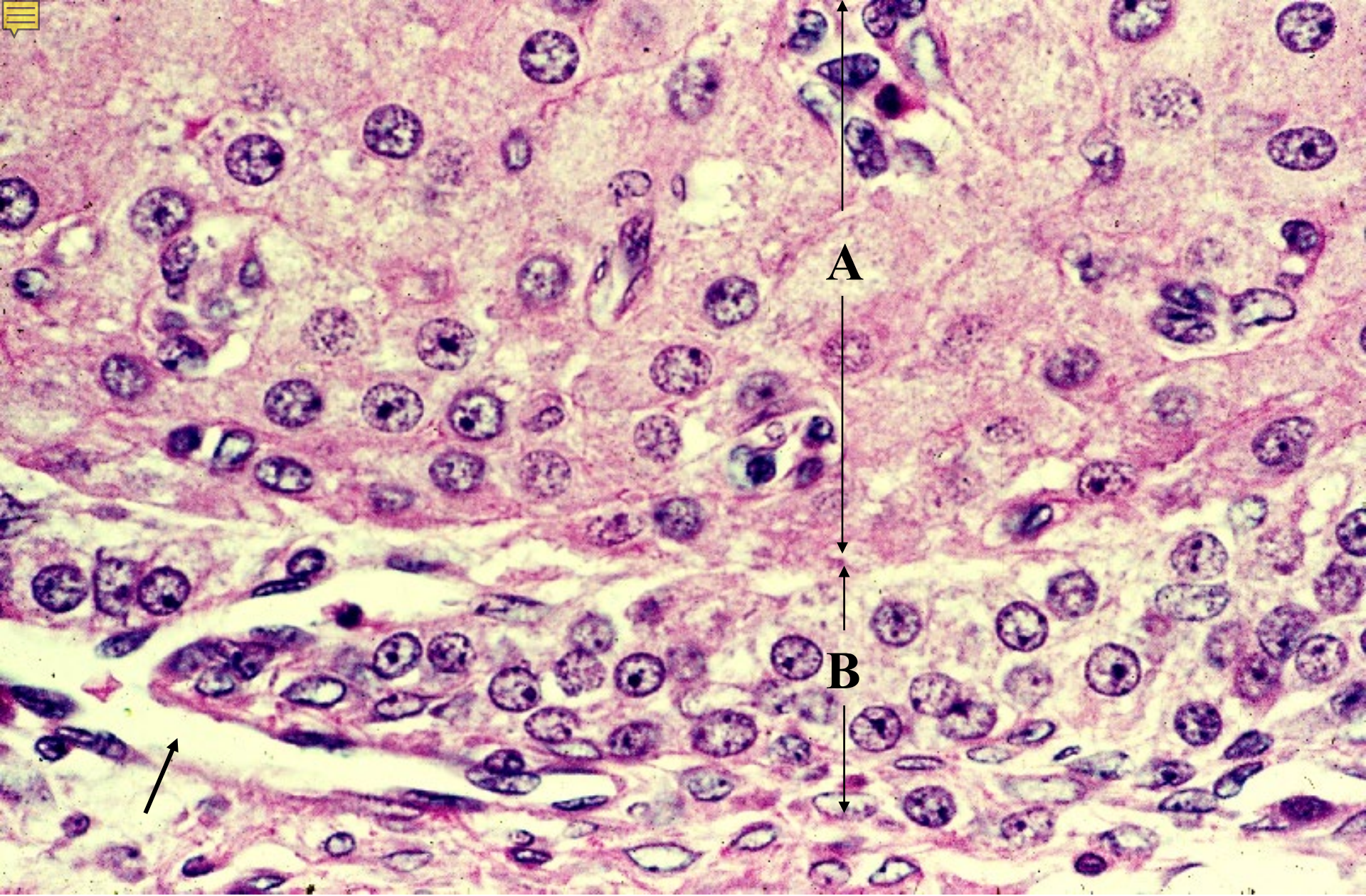


Corpus albicans

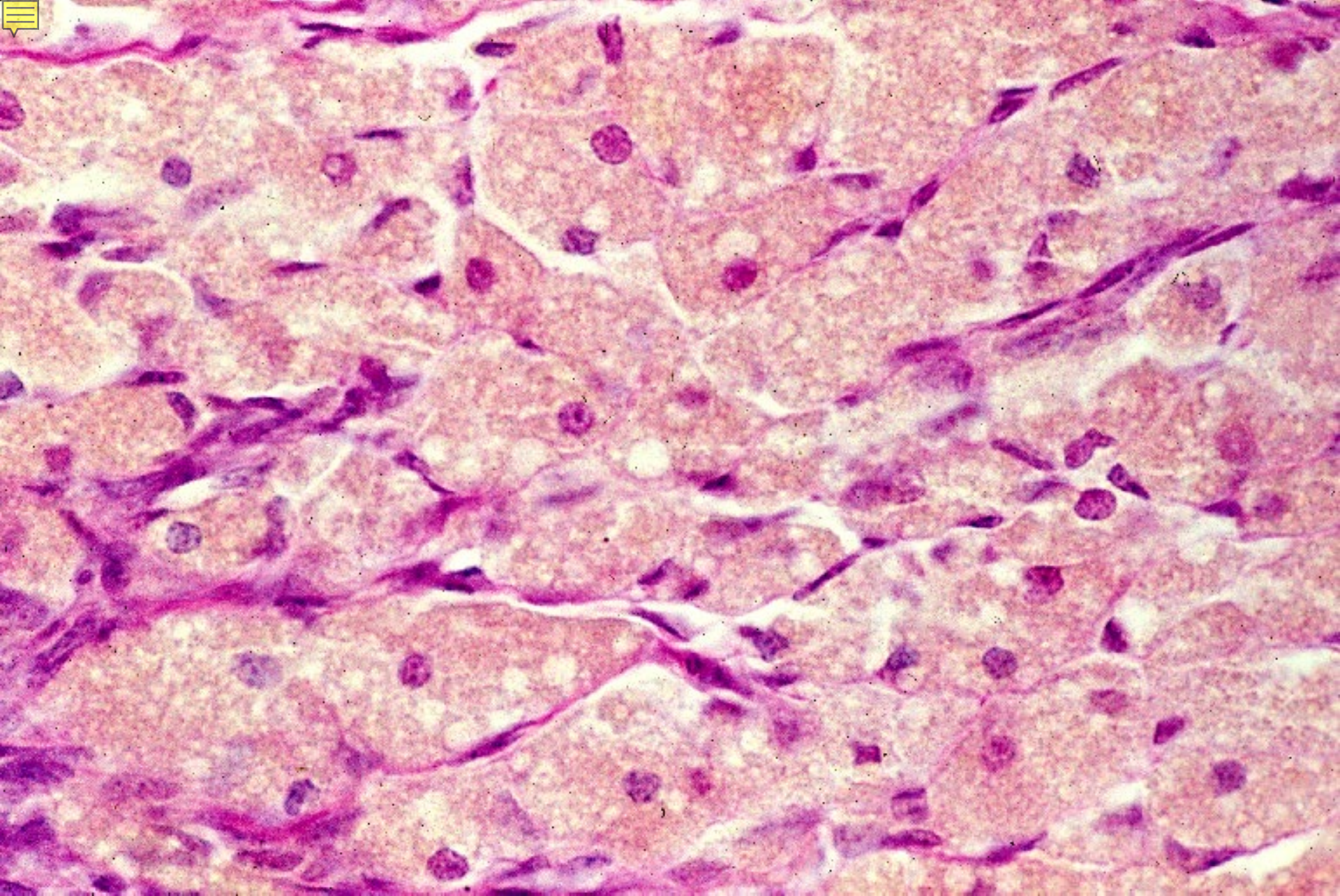
17-29. Corpus luteum menstruationis 1 (C.l.m.). General view.
Human, H-E stain, x 1.15.



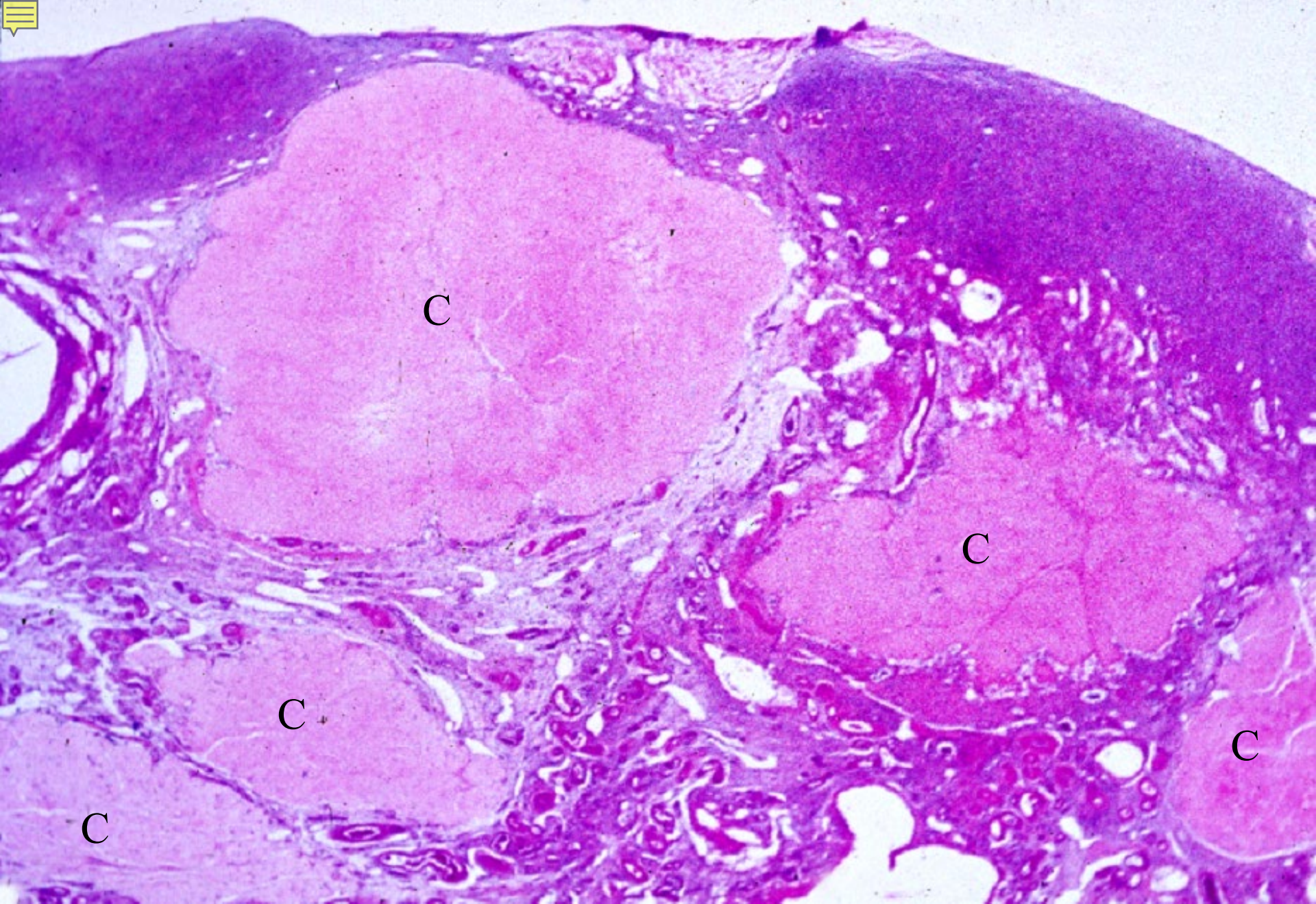
17-30. C. 1. m. 2. General view. Granulosa lutein cells and theca lutein cells.
Human, H-E stain, x 25.



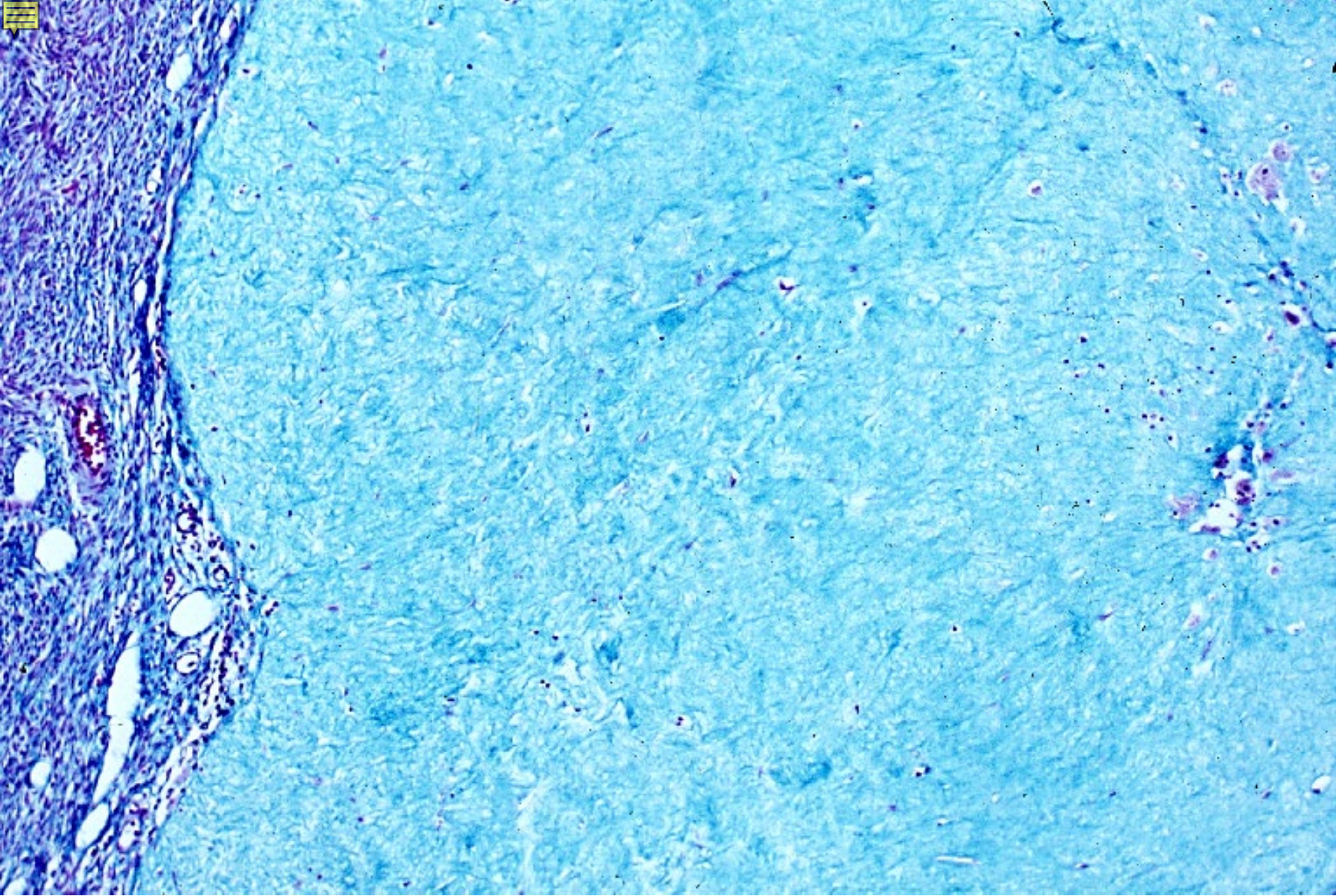
17-31. C. l. m. 3. Granulosa lutein cells and theca lutein cells. Human, H-E stain, x 160.



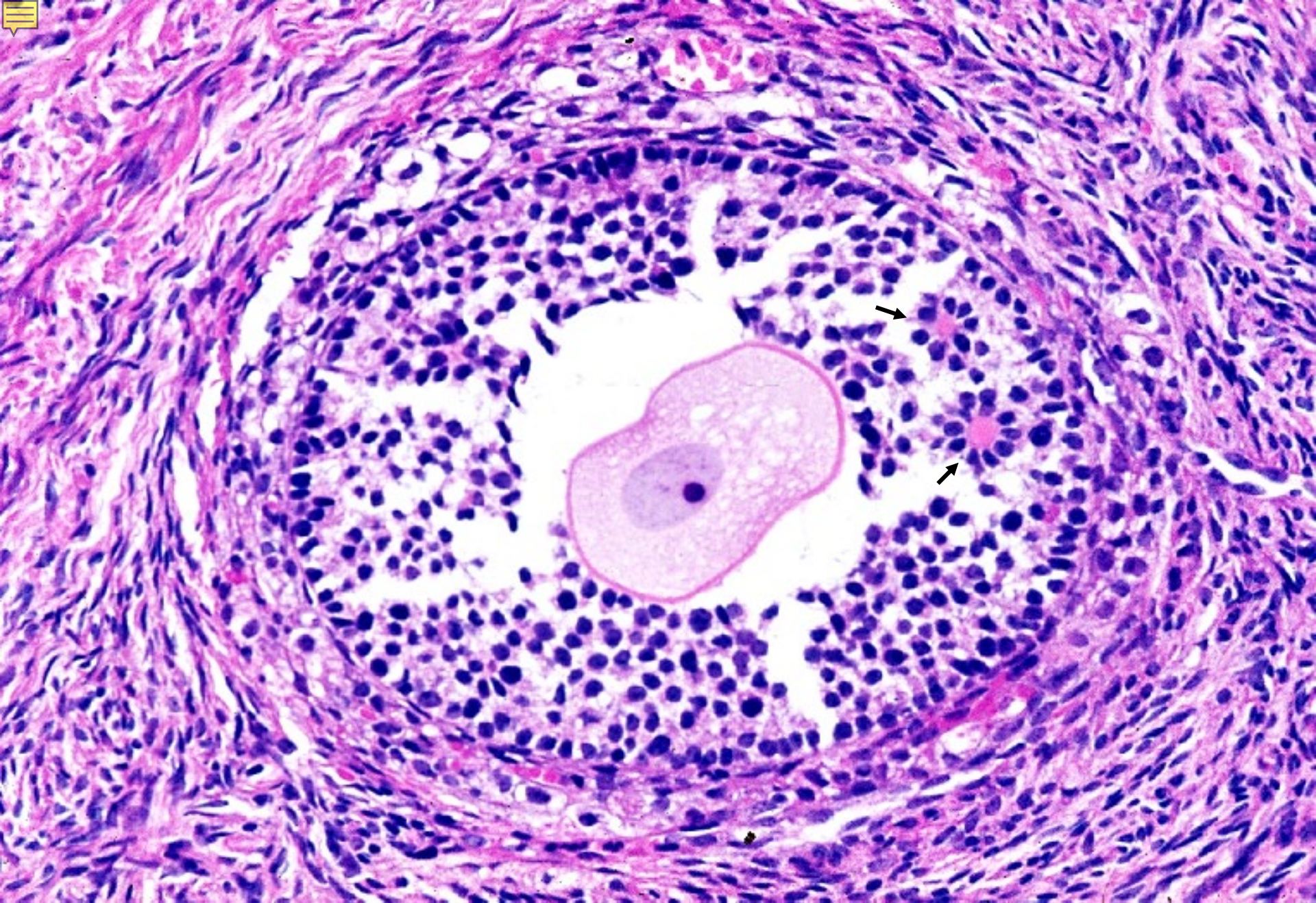
17-32. Granulosa lutein cells. Monkey, H-E stain, x 160.



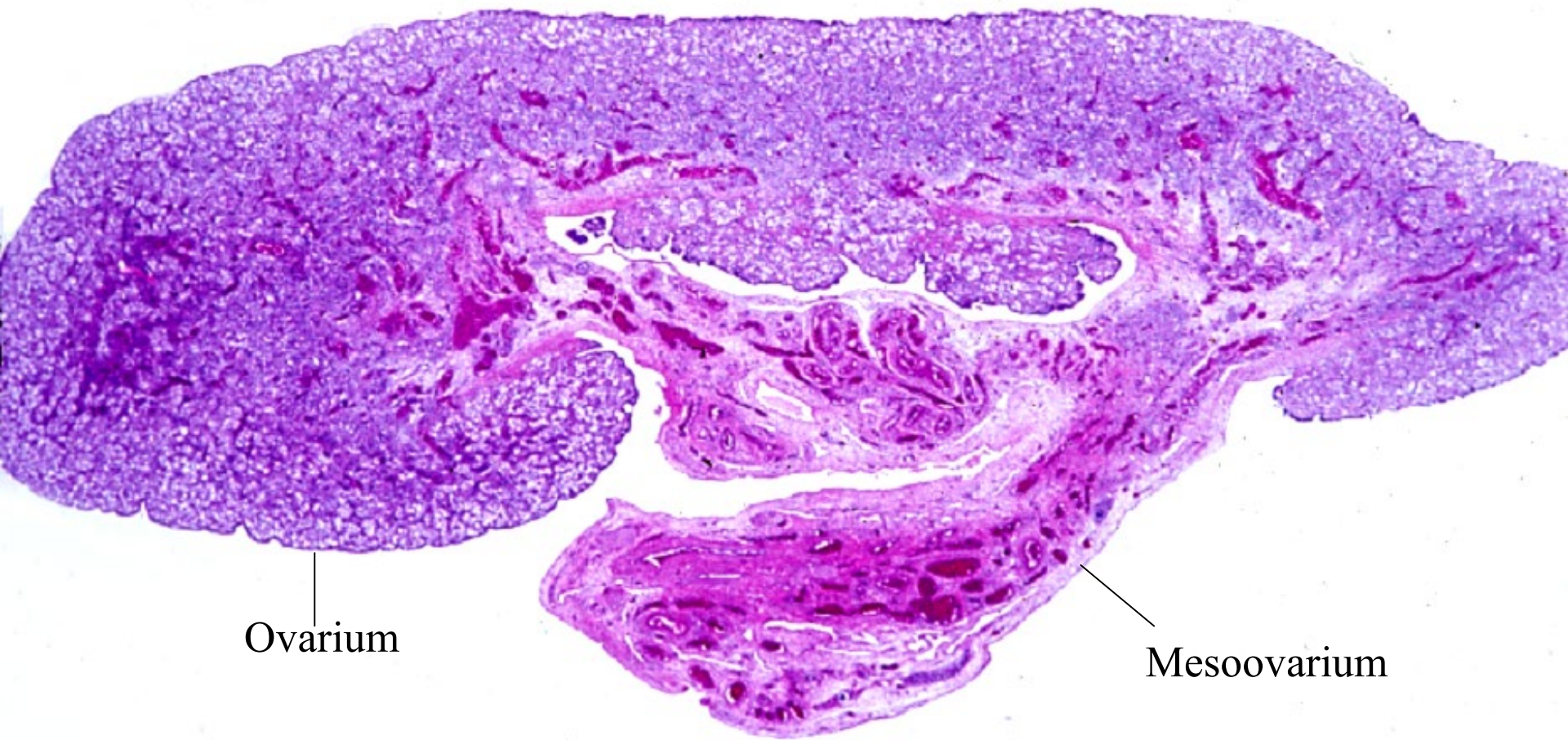
17-33. Corpus albicans 1. Human, H-E stain, x 4.



17-34. Corpus albicans 2. Human, MG stain, x 25.



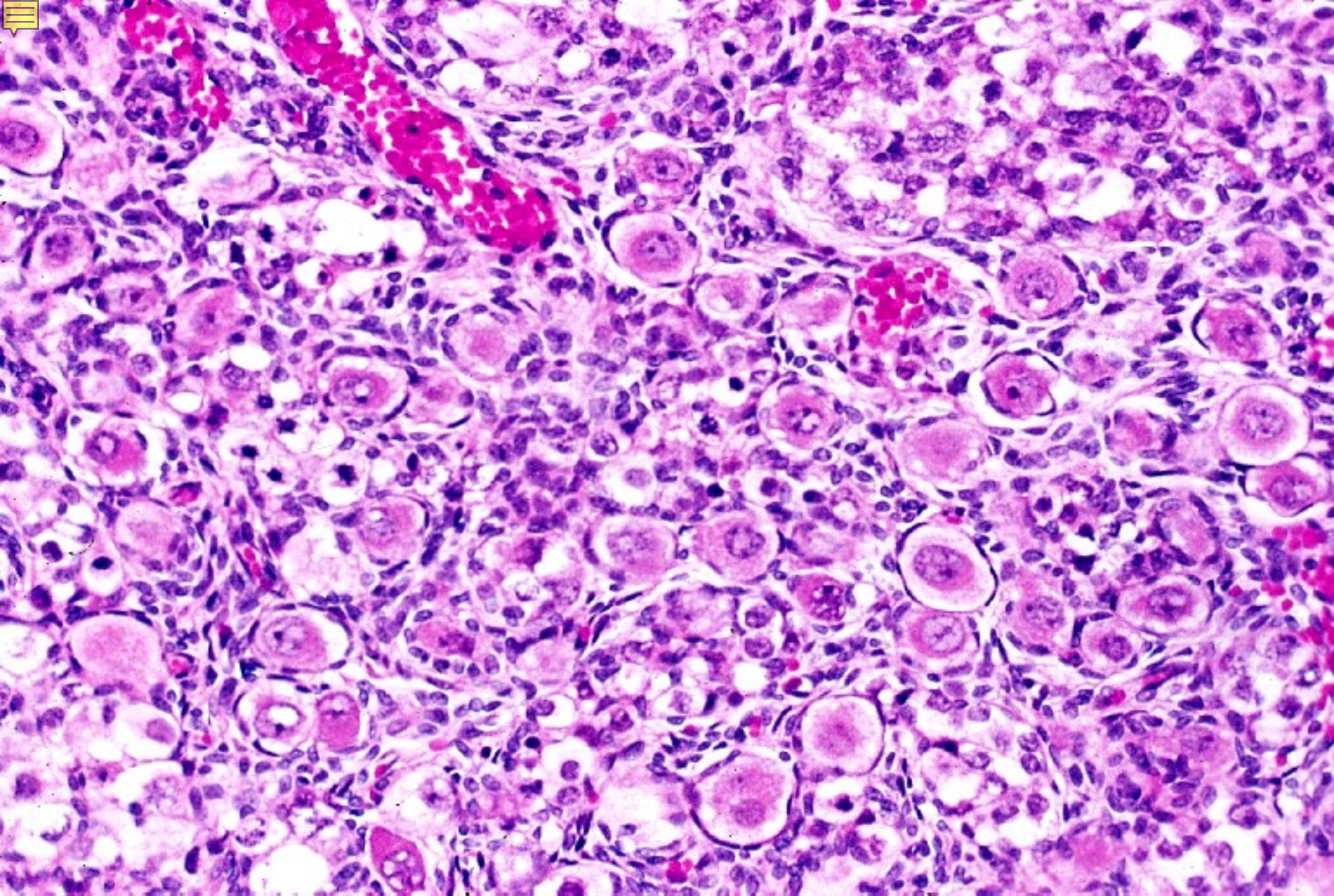
17-35. Atretic follicle. Human, H-E stain, x 80.



Ovary

Mesoovarium

17-36. Ovary of a human embryo 1. General view. H-E stain, x 4.

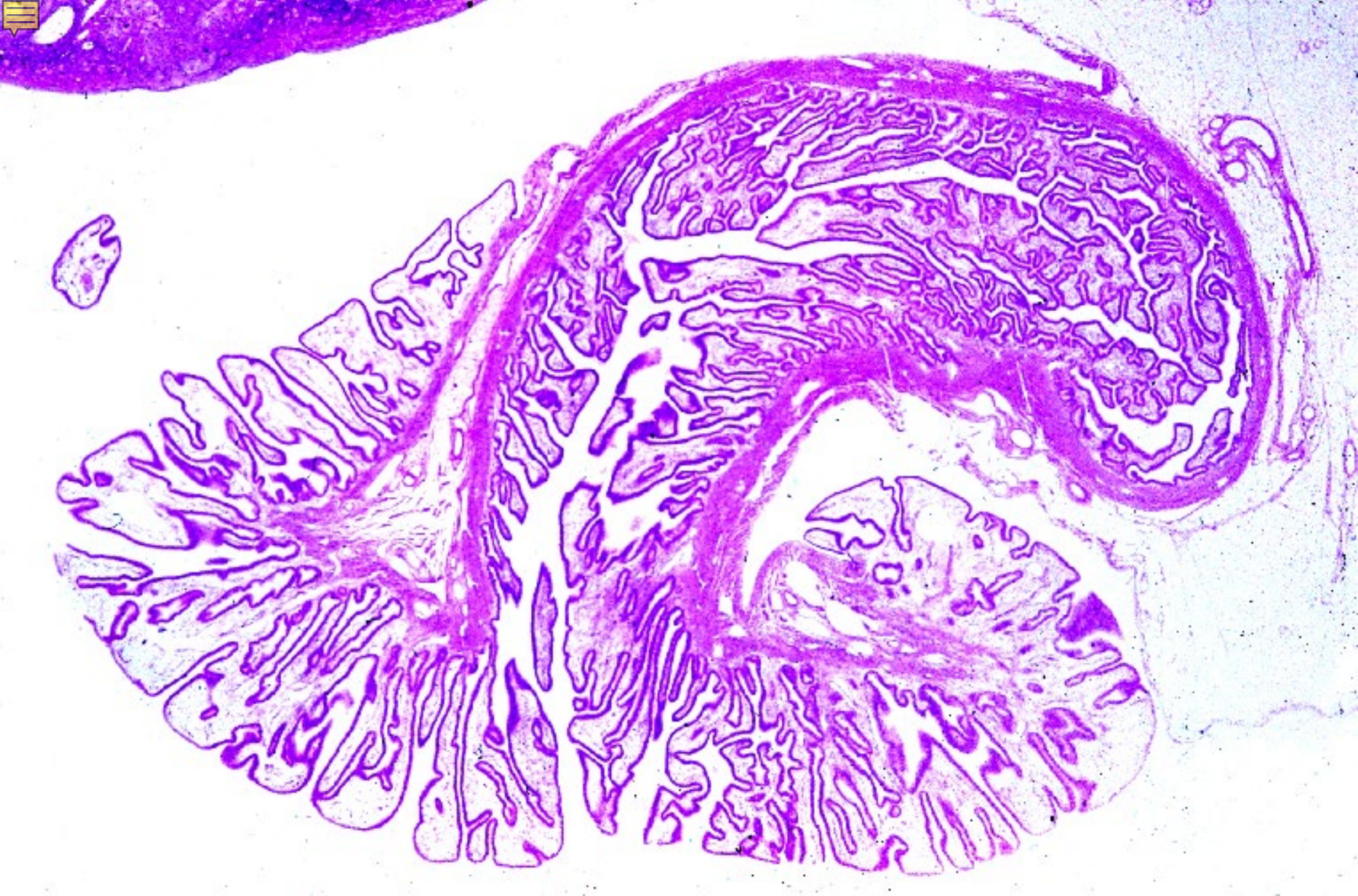


17-37. Ovary of a human embryo 2. H-E stain, x 64.

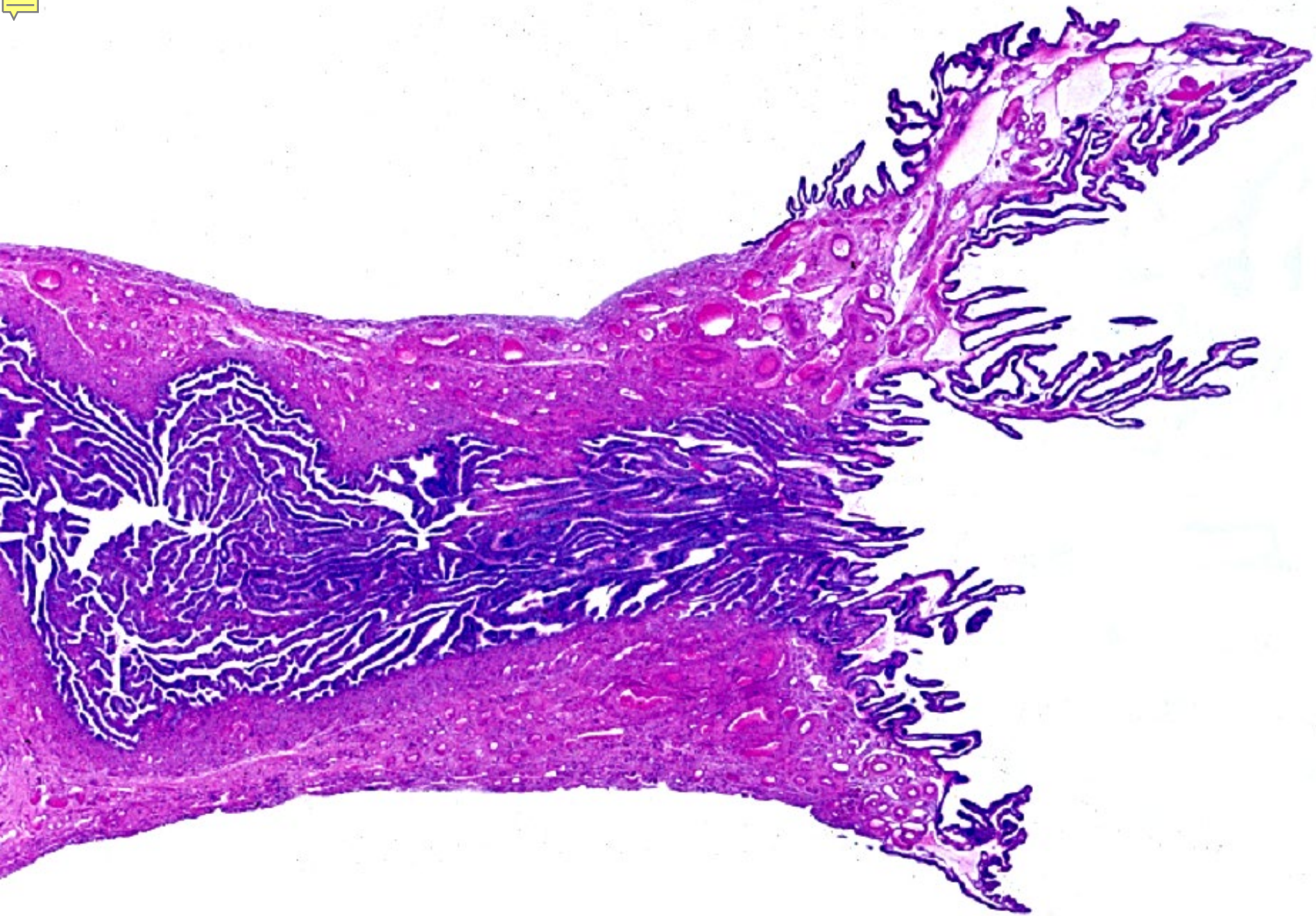


17-002

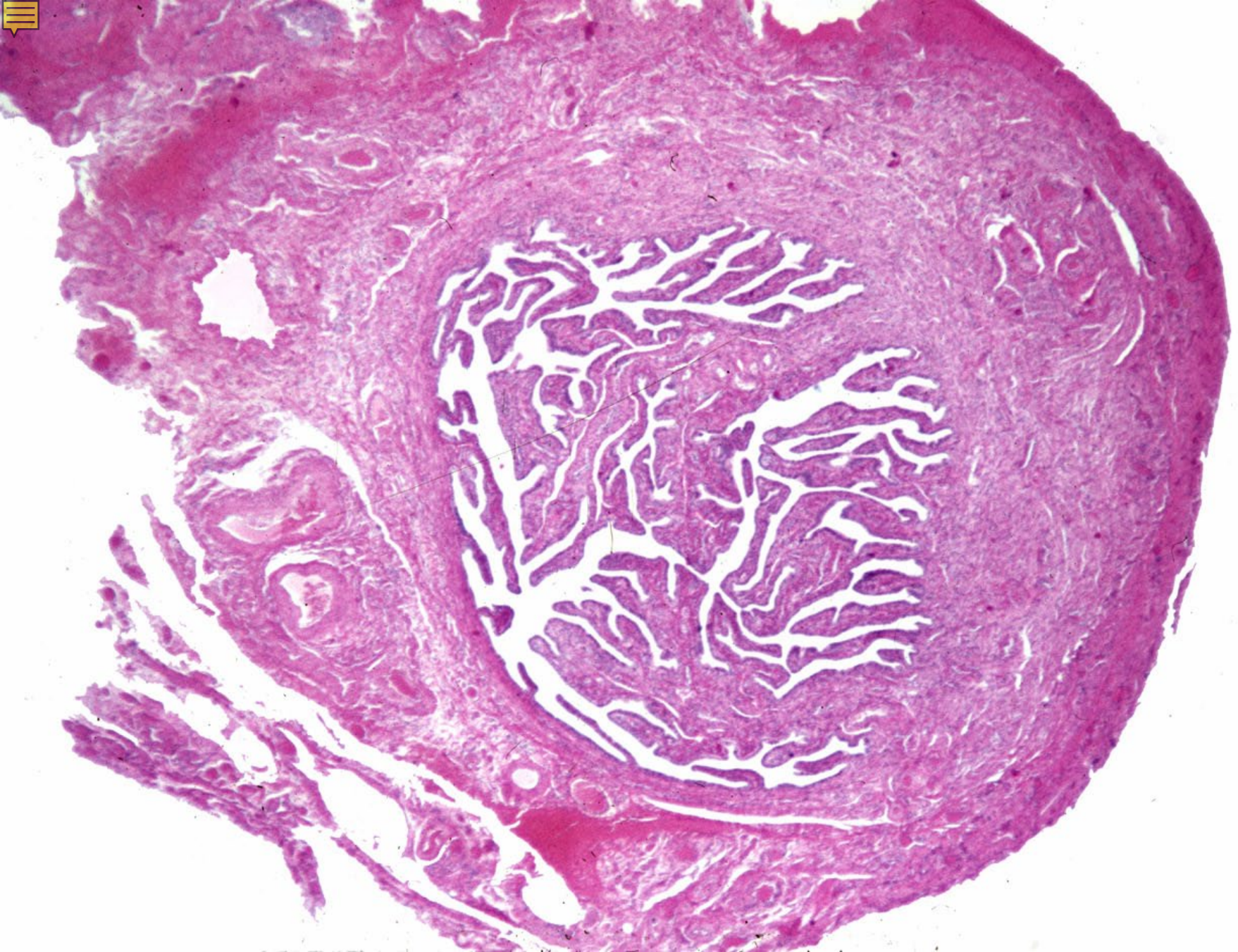
Oviduct



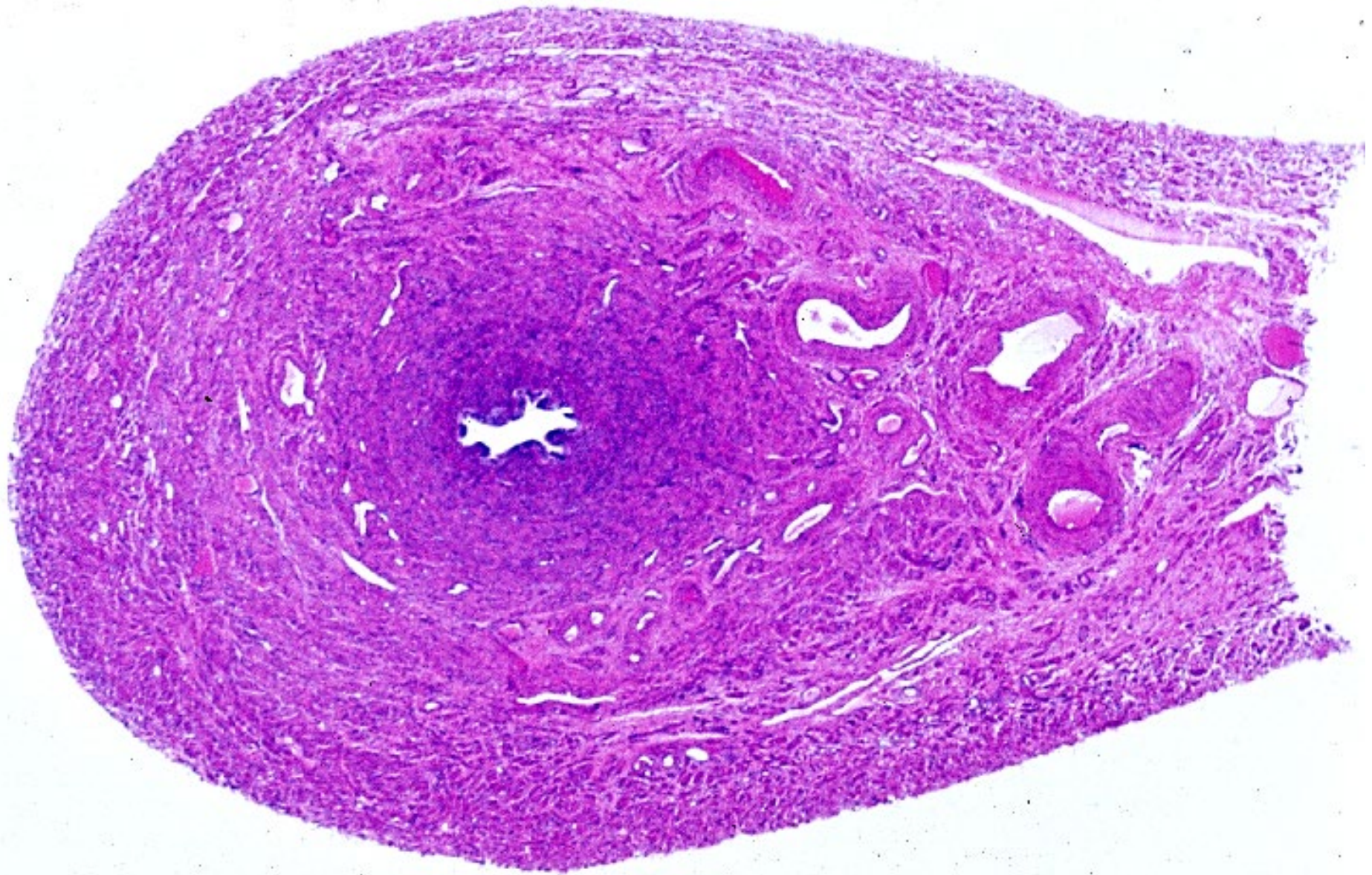
17-38. Ostium abdominale tubae 1. General view. Monkey, H-E stain, x 2.



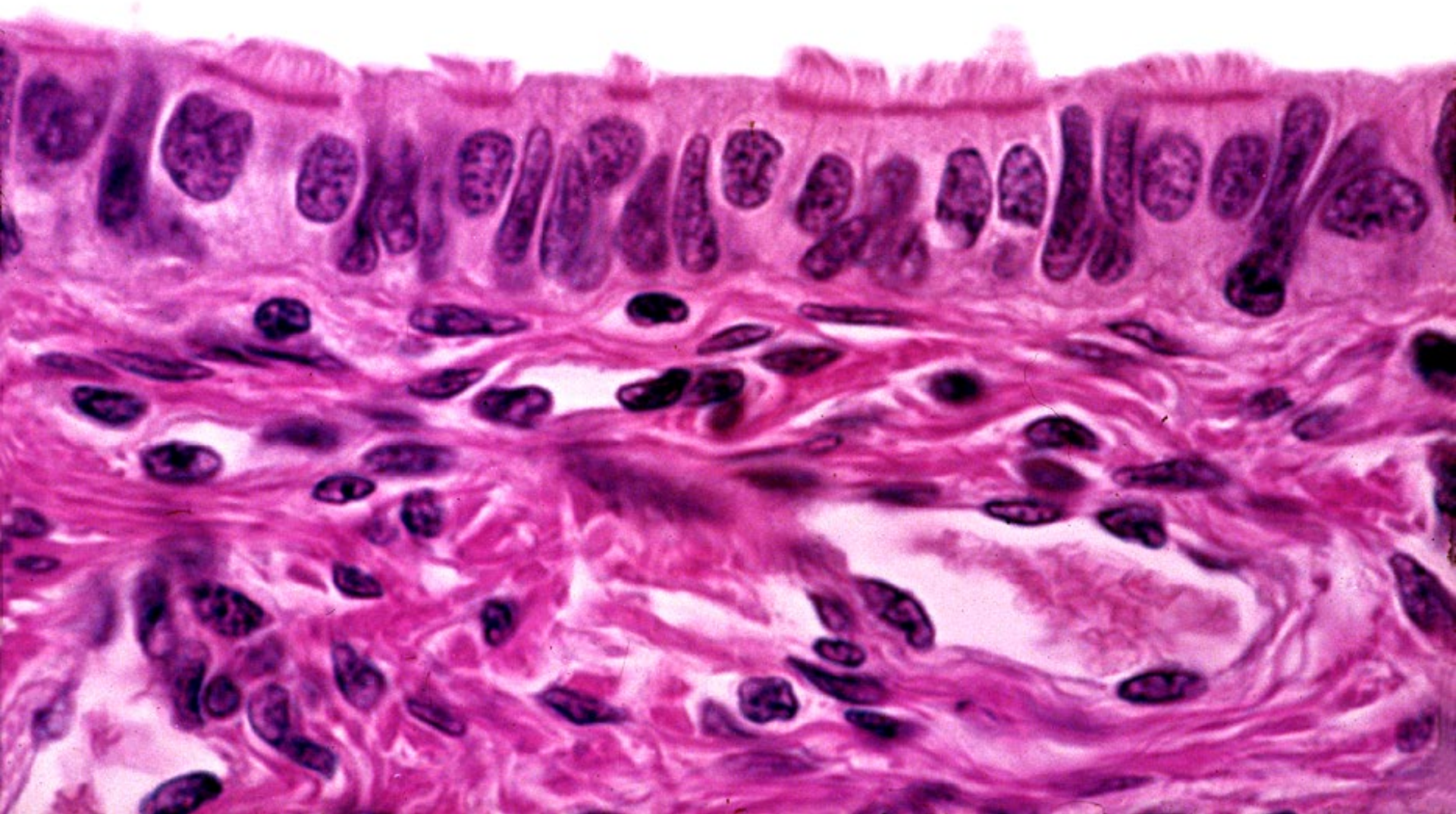
17-39. Ostium abdominale tubae 2. General view. Human, H-E stain, x 2.4.



17-40. Oviduct, transverse section. Human, H-E stain, x 5.



17-41. Isthmus tubae, transverse section. Human, H-E stain, x 6.5.

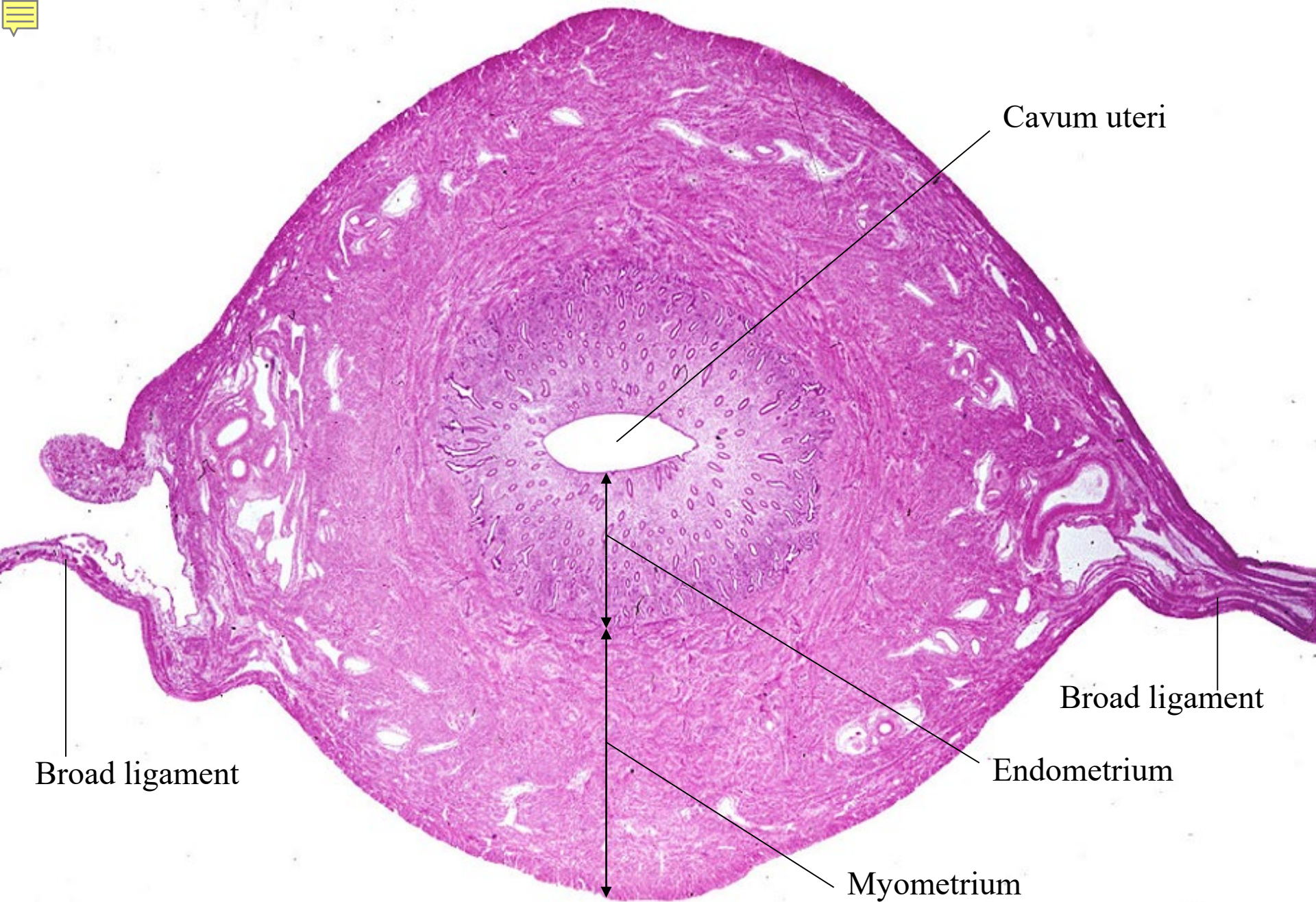


17-42. Epithelium of oviduct. Human, H-E stain, x 250.

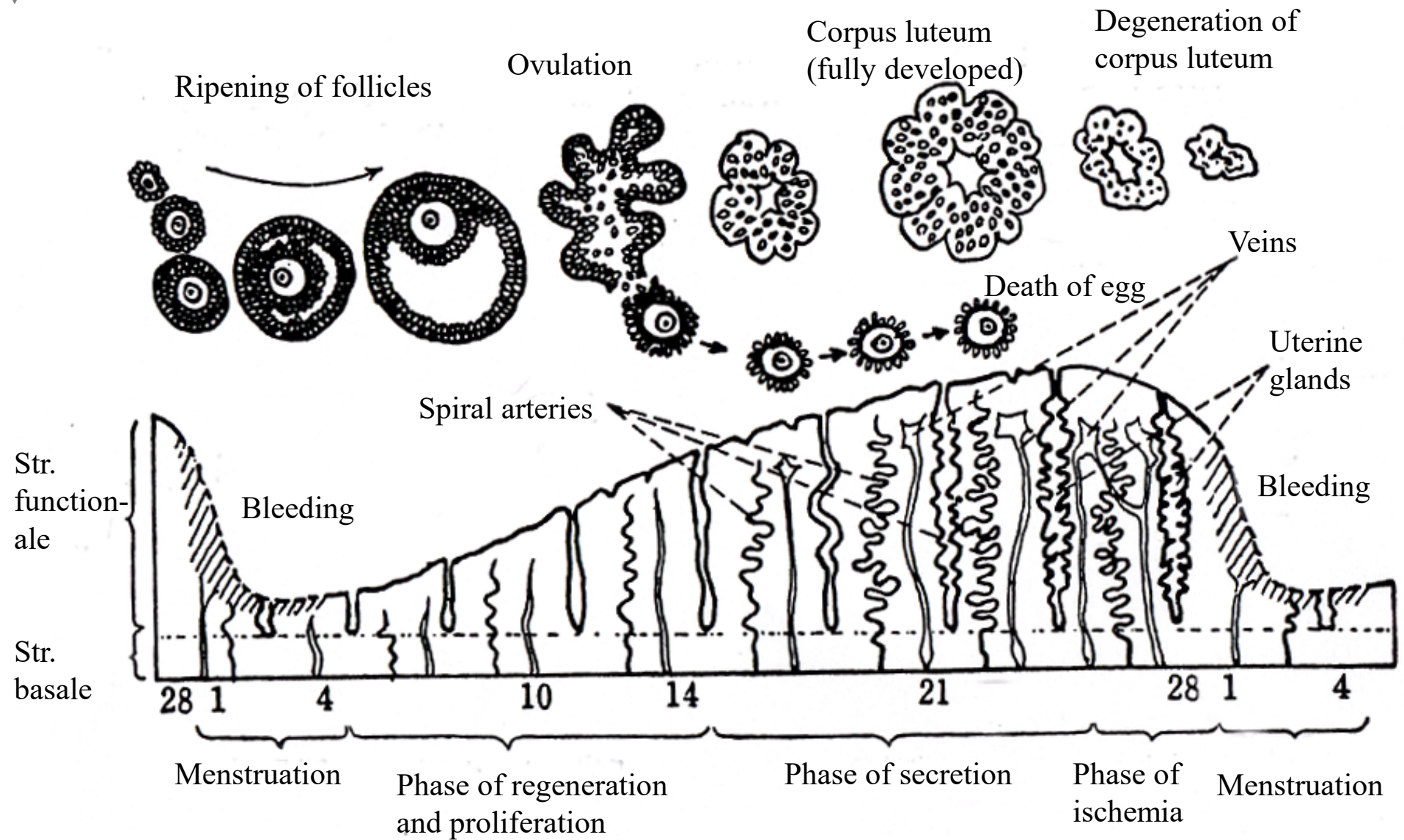


17-003

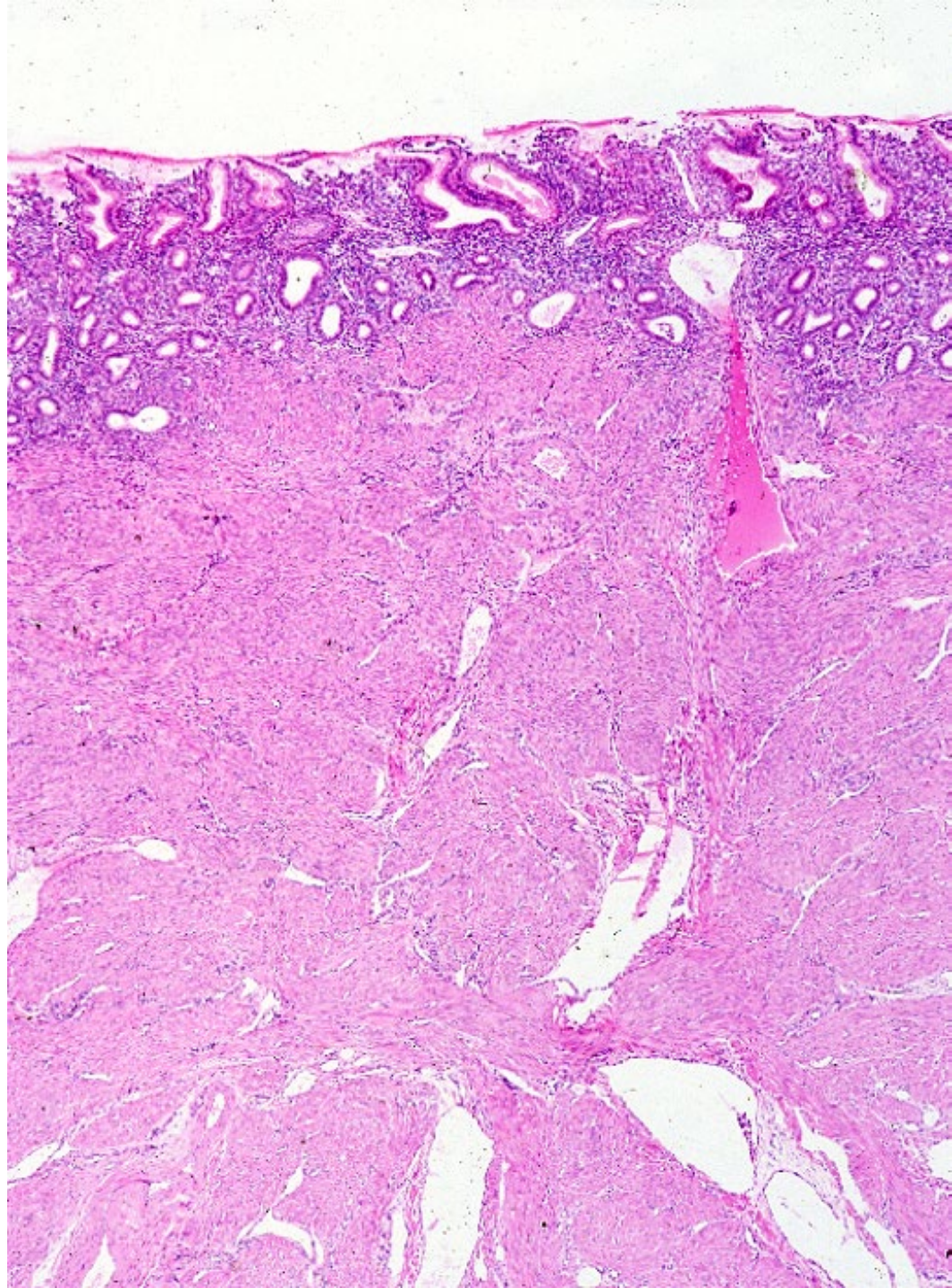
Uterus



17-43. Corpus uteri, transverse section. General view. Monkey, H-E stain, x 1.7.

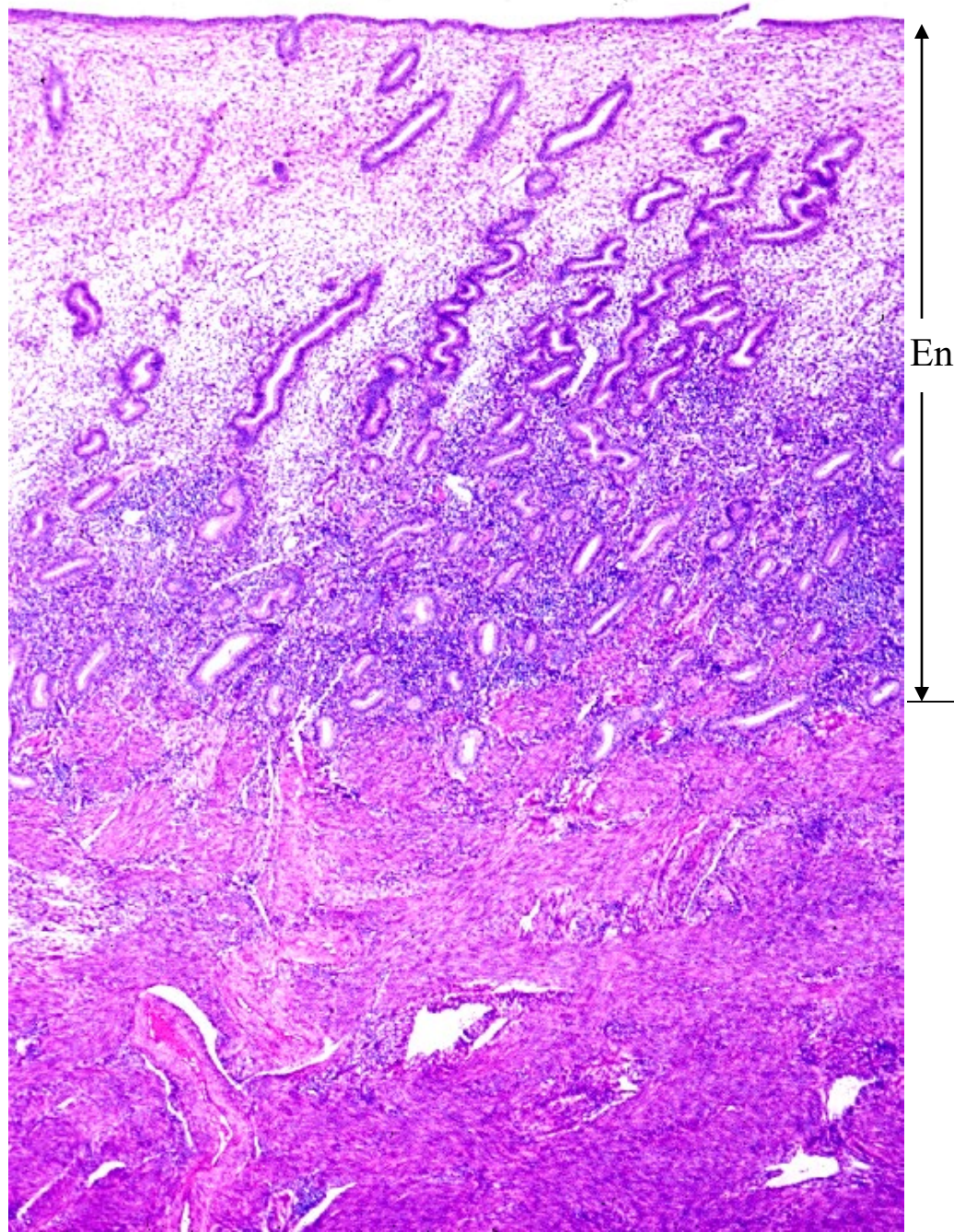


17-44. Scheme showing the interrelationship between ovary and uterus (endometrium).



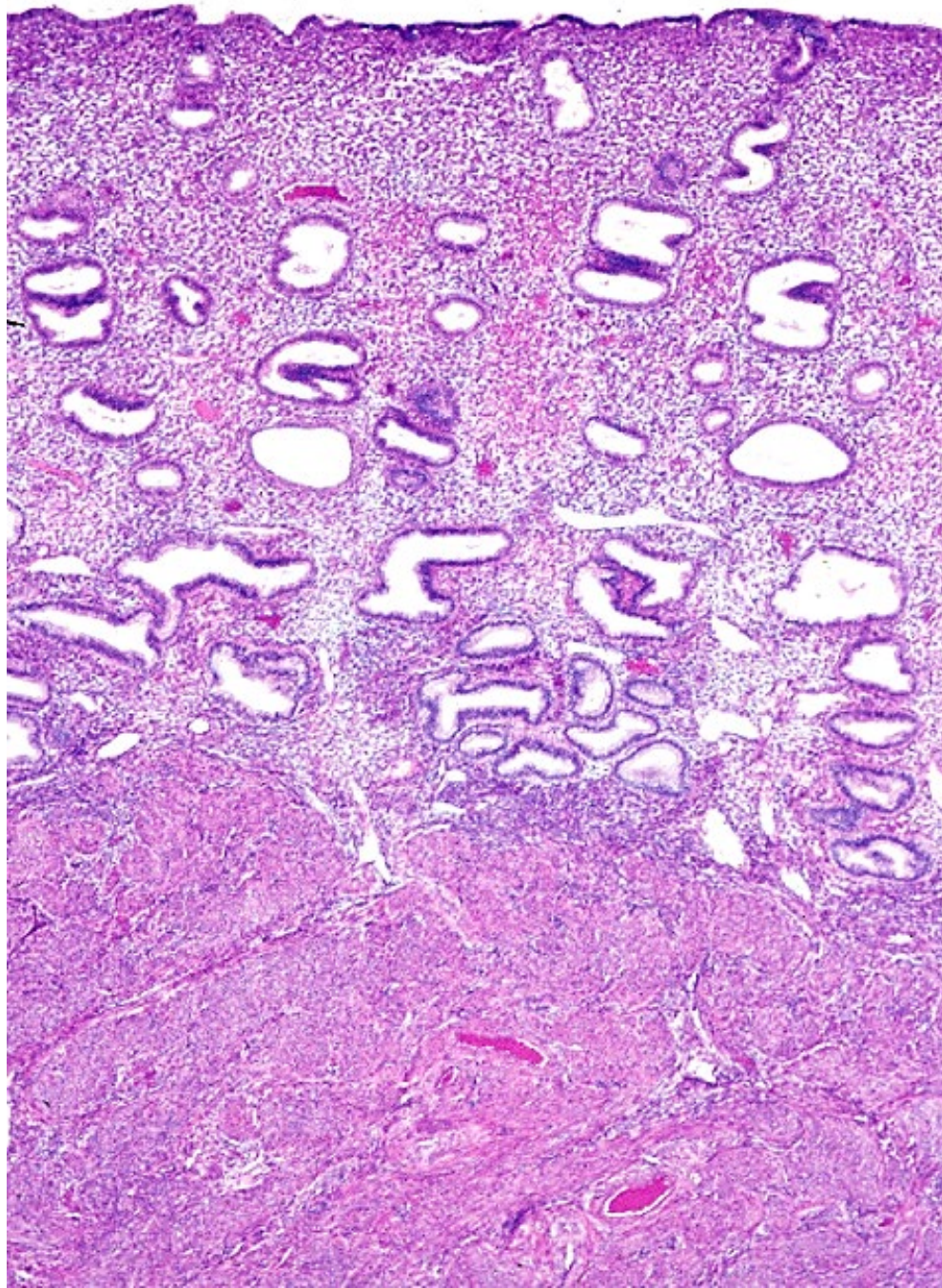
↑
Endometrium
↓

17-45.
Endometrium
on the 3rd day of
menstrual cycle.
Human,
H-E stain,
x 10.



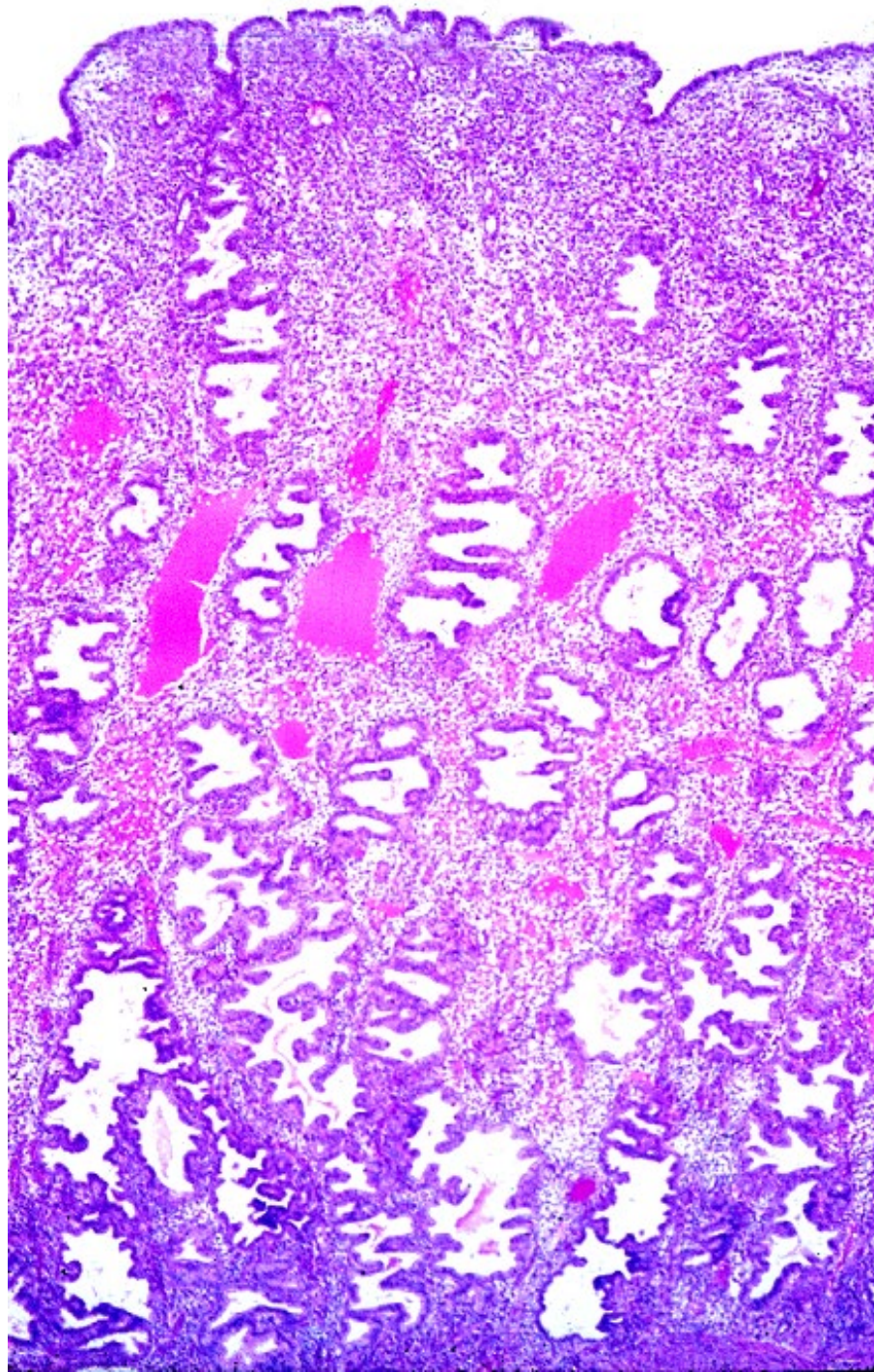
Endometrium

17-46.
Endometrium
on the 7th day.
Human,
H-E stain,
x 10.



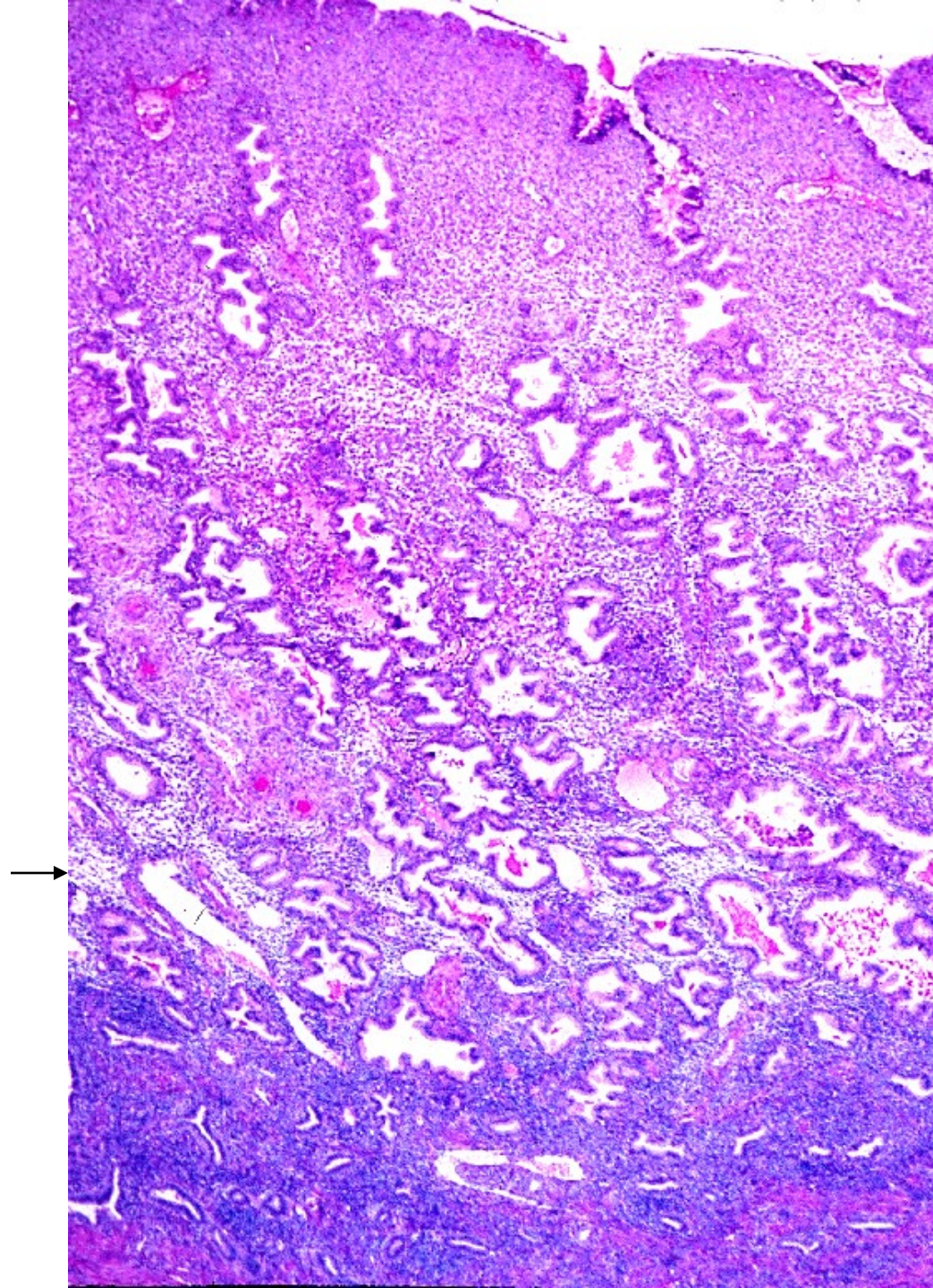
Endometrium

17-47.
Endmetrium
on the 14th day.
Human,
H-E stain,
x 10.



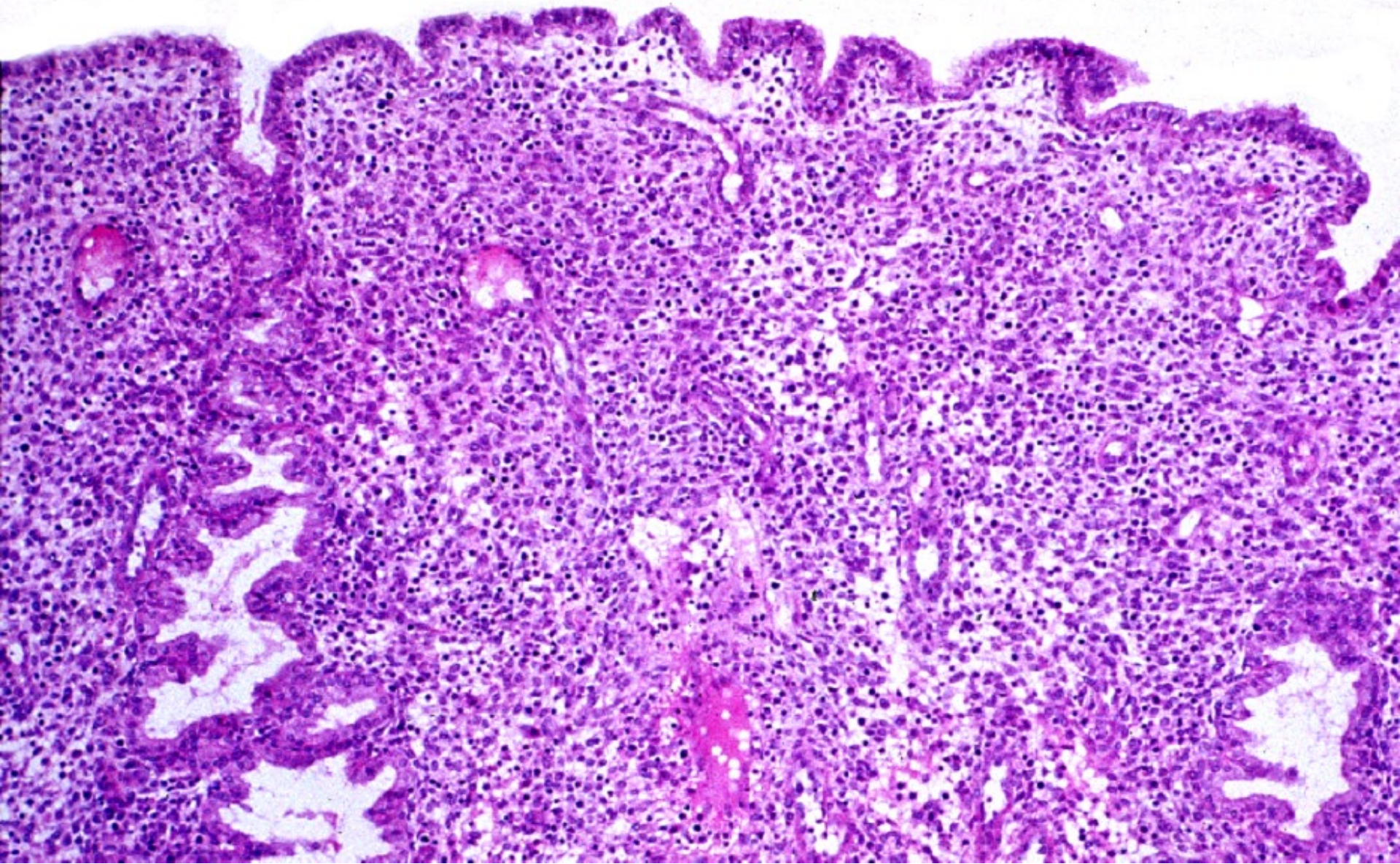
Endometrium

17-48.
Endometrium
on the 22nd day.
Human,
H-E stain,
x 10.

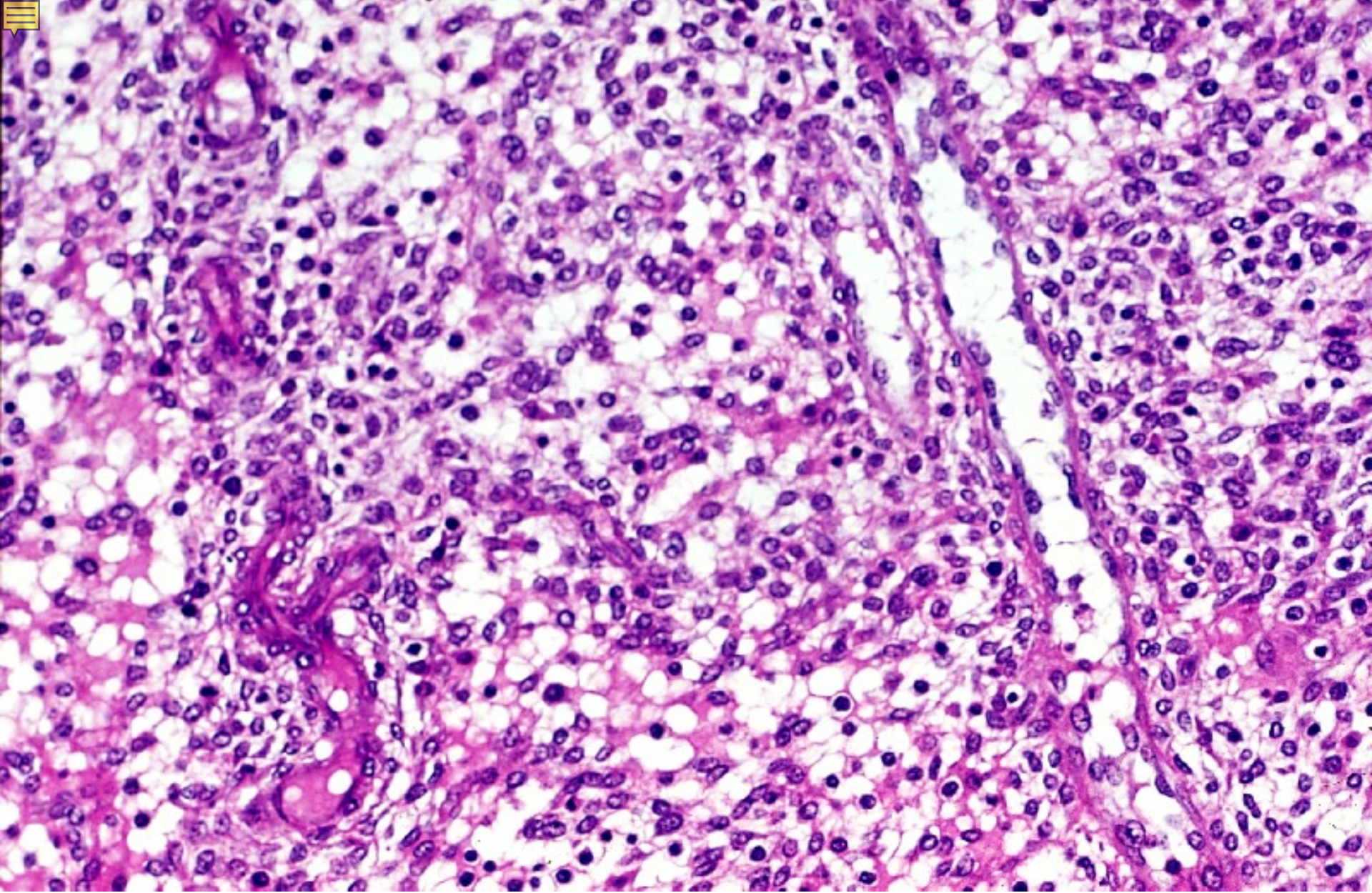


Endometrium

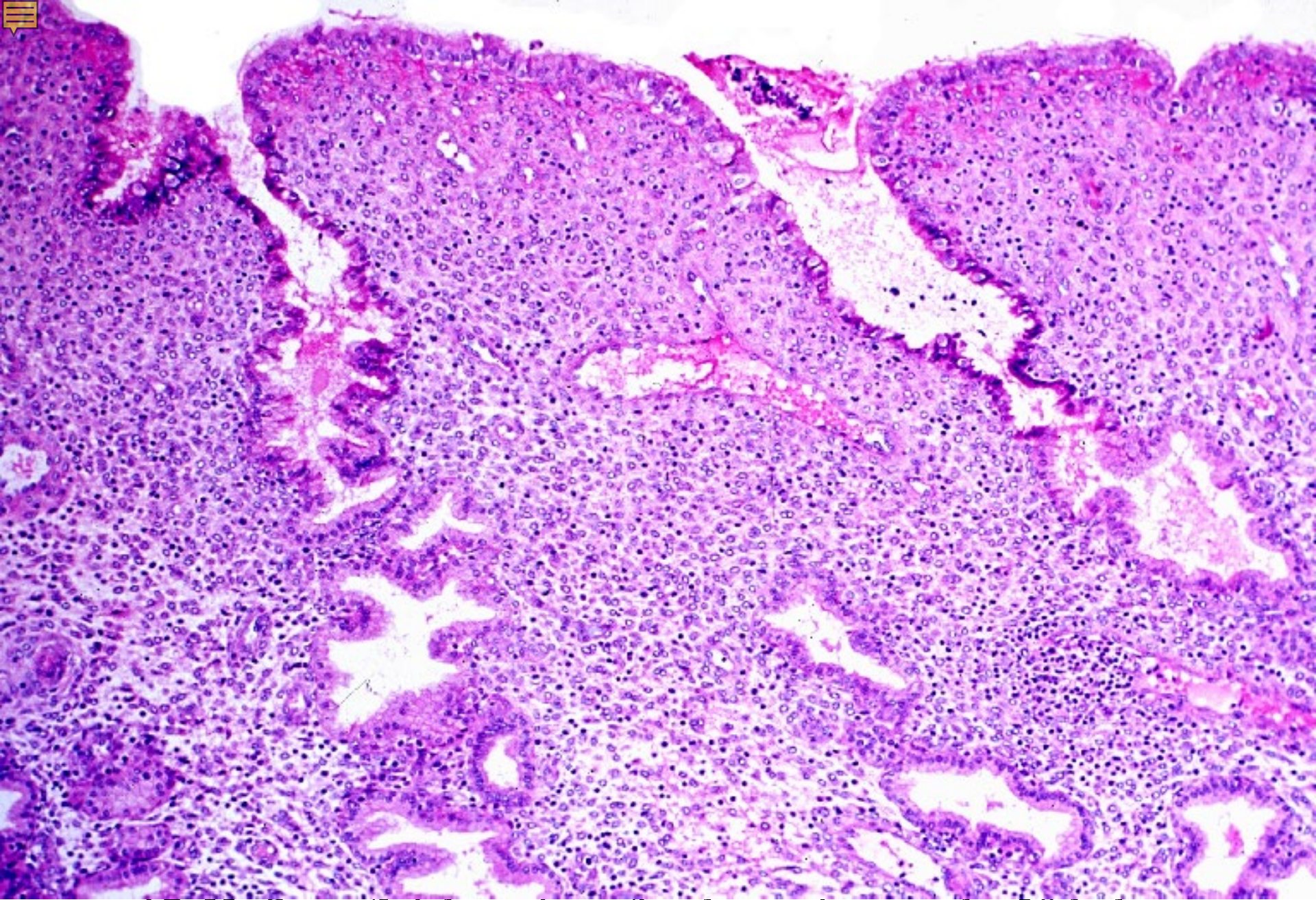
17-49.
Endometrium
on the 28th day.
Human,
H-E stain,
x 10.



17-50. Superficial portion of endometrium on the 22nd day.
Beginning of decidualization. Human, H-E stain, x 25.



17-51. Deeper portion of endometrium on the 22nd day.
Edematous stroma. Human, H-E stain, x 64.



17-52. Superficial portion of endometrium on the 28th day. Decidualization is accomplished. Human, H-E stain, x 25.



Lumen of cervical
canal

17-53.
Cervical canal,
longitudinal
section.
Human,
H-E stain,
x 1.2.

Lumen of vagina

Posterior wall of vagina

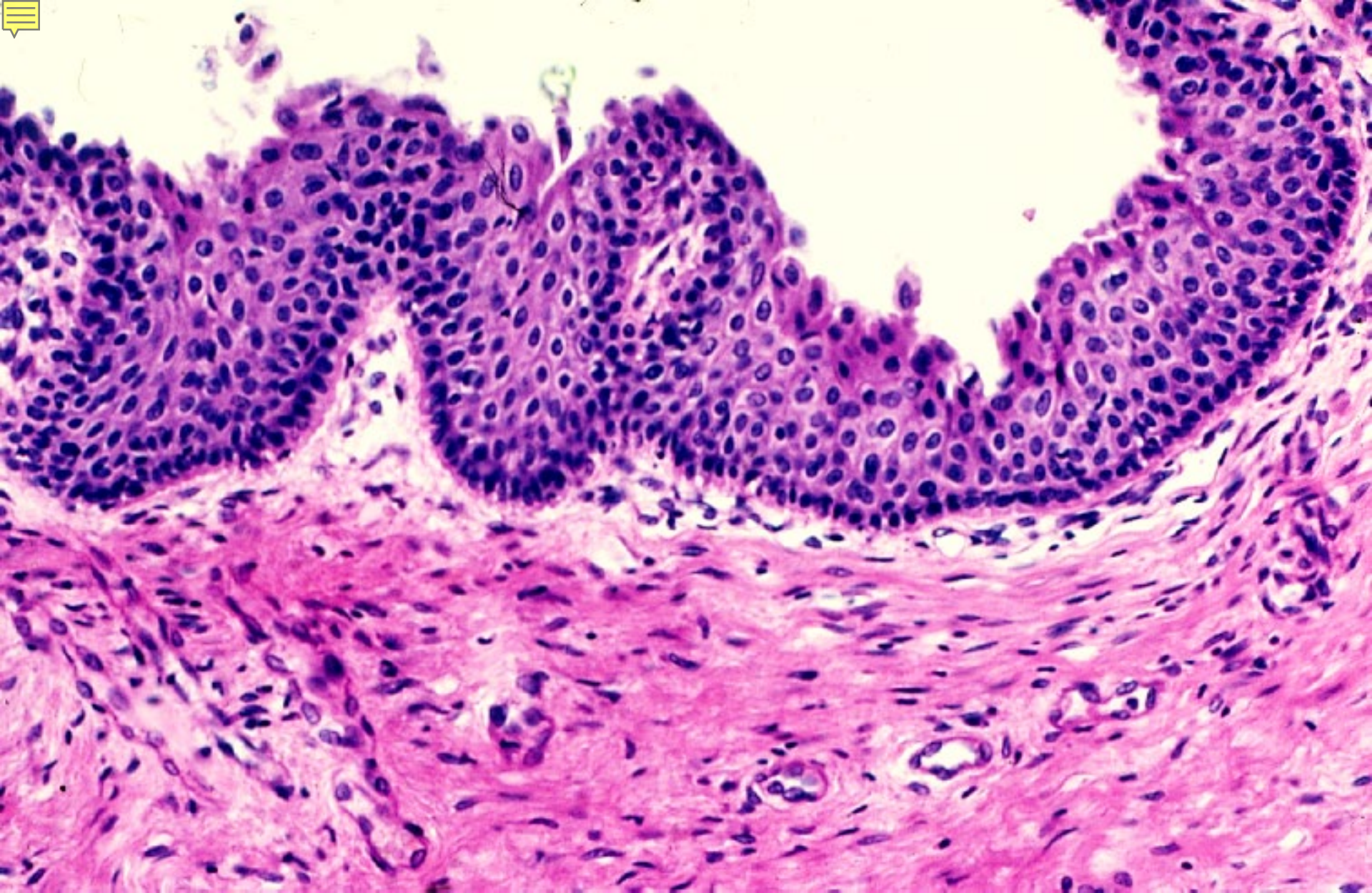


17-004

Vagina and Genitalia



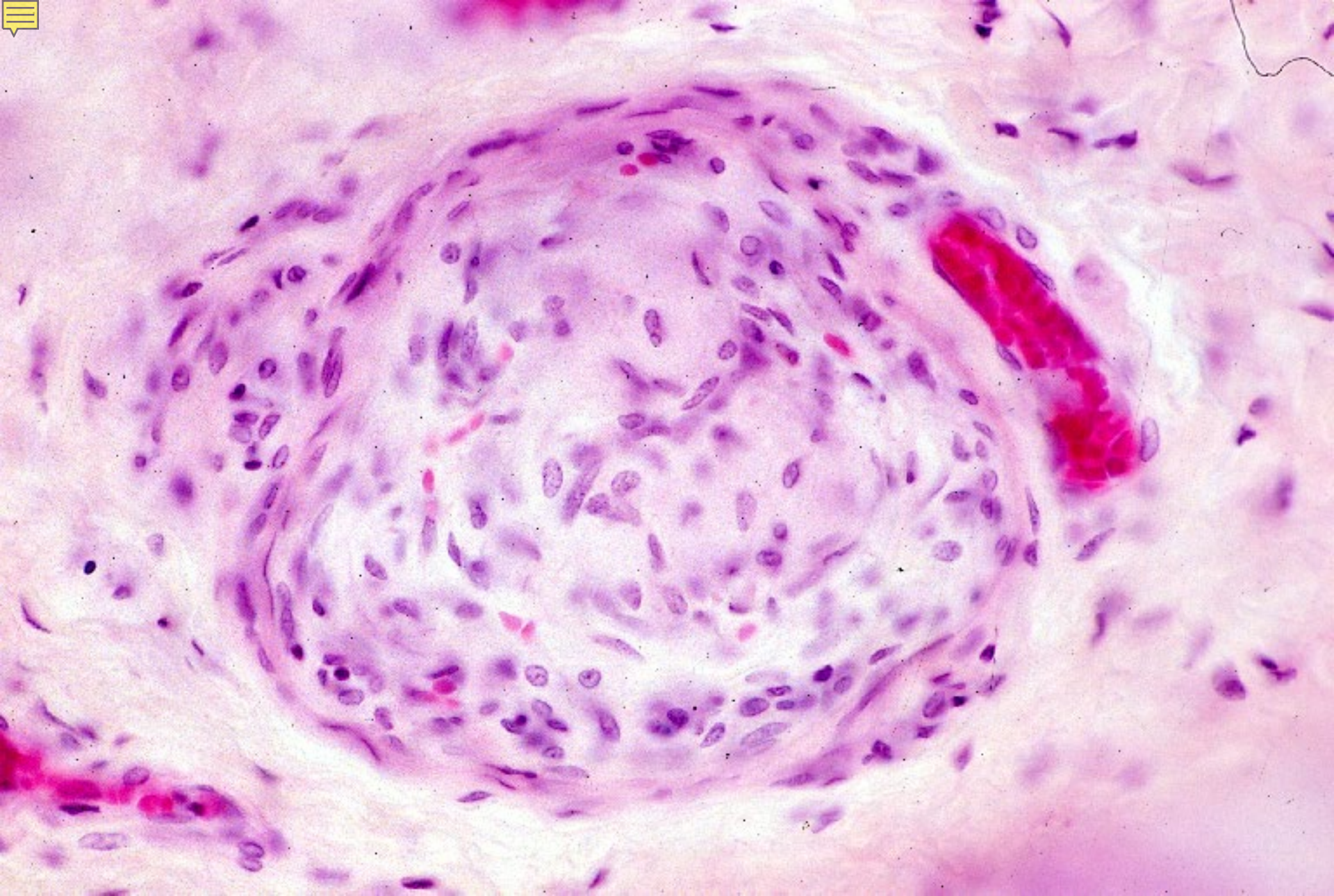
17-54. Anterior wall of vagina and urethra. Human, H-E stain, x 1.7.



17-55. Epithelium of vagina. Human, H-E stain, x 64.



17-56. Criteris, longitudinal section. Human, H-E stain, x 3.



17-57. Genital corpuscle. Human, H-E stain, x 100.

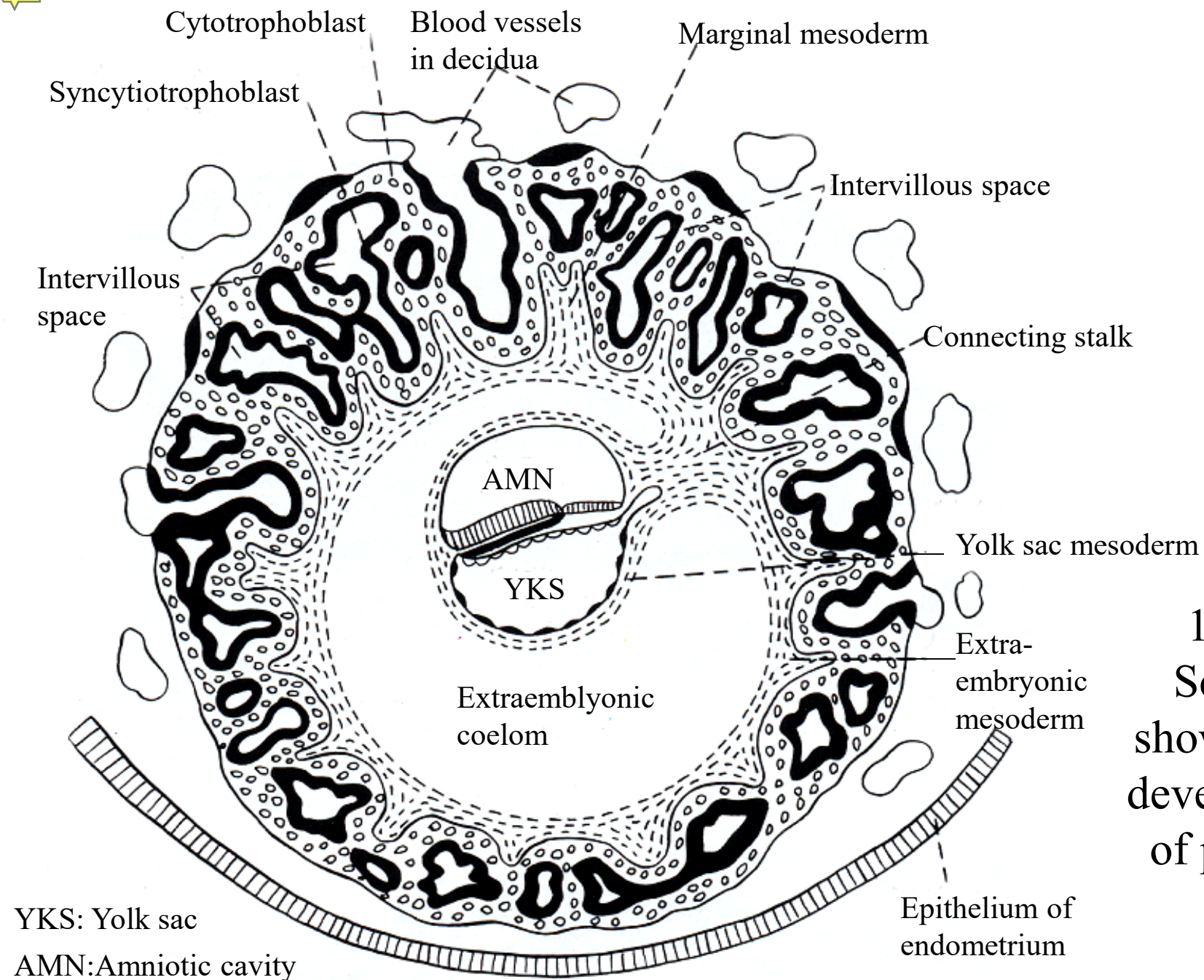


17-58.
Labium minus
pudendi,
transverse
section.
Human,
H-E stain,
x 4.

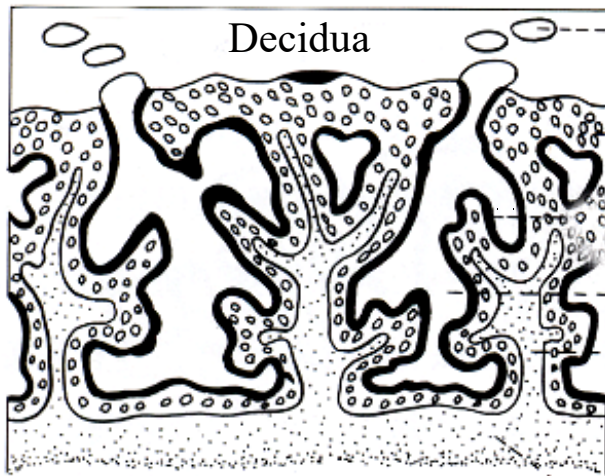


17-004

Placenta



17-59.
Scheme
showing the
development
of placenta
1.



Blood vessel in decidua

Cytotrophoblast

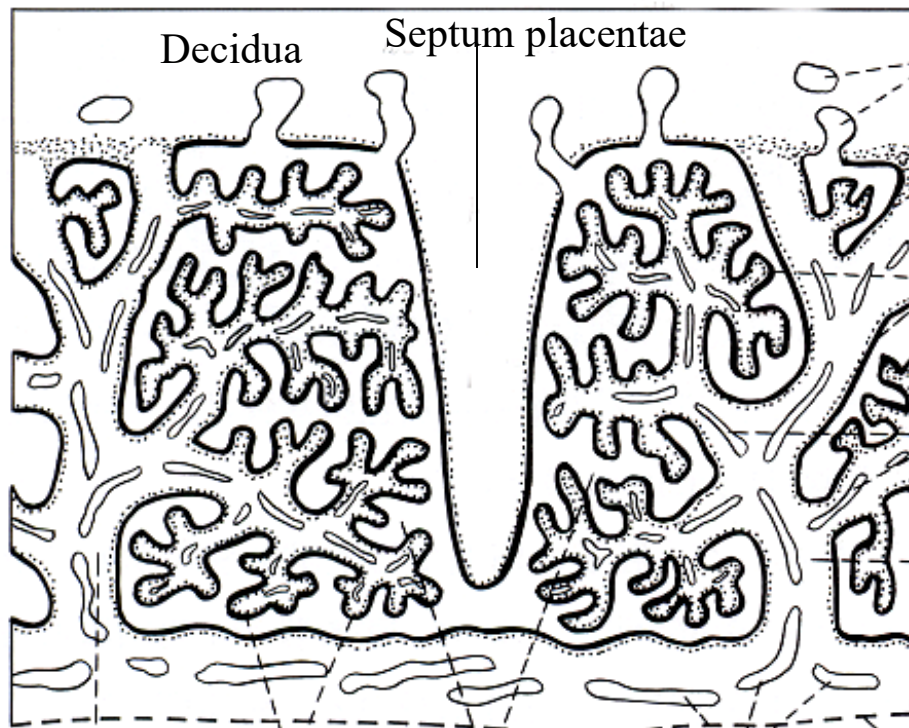
Syncytiotrophoblast

Intervillous blood space

Mesodermal core of villus

Marginal mesoderm

①



Blood vessels in decidua (maternal)

Cytotrophoblast

Syncytiotrophoblast

Embryonic blood vessels

Stem villus

Chorionic plate

Epithelium of amnion

Free villi

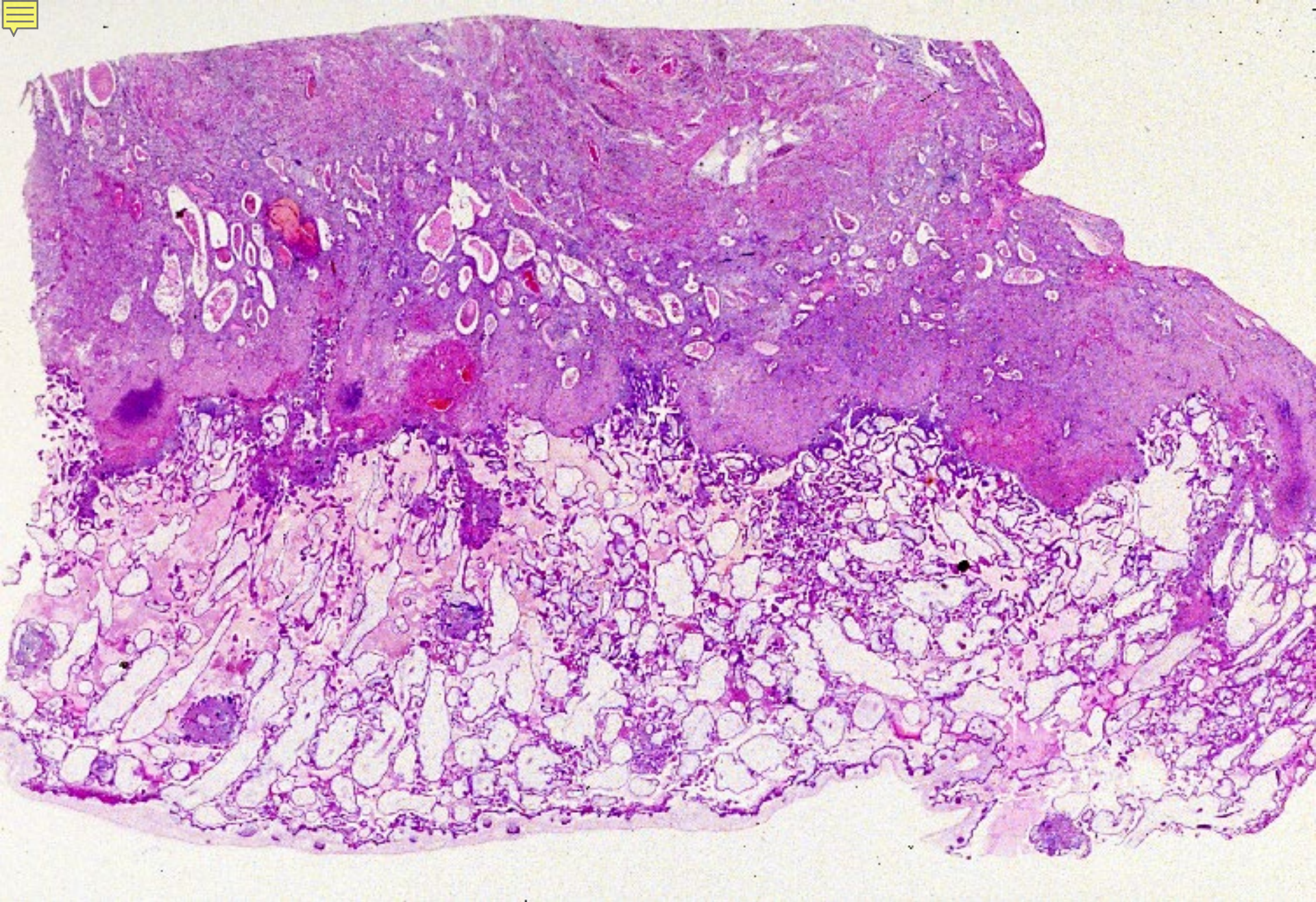
Intervillous blood space

Embryonic blood vessels

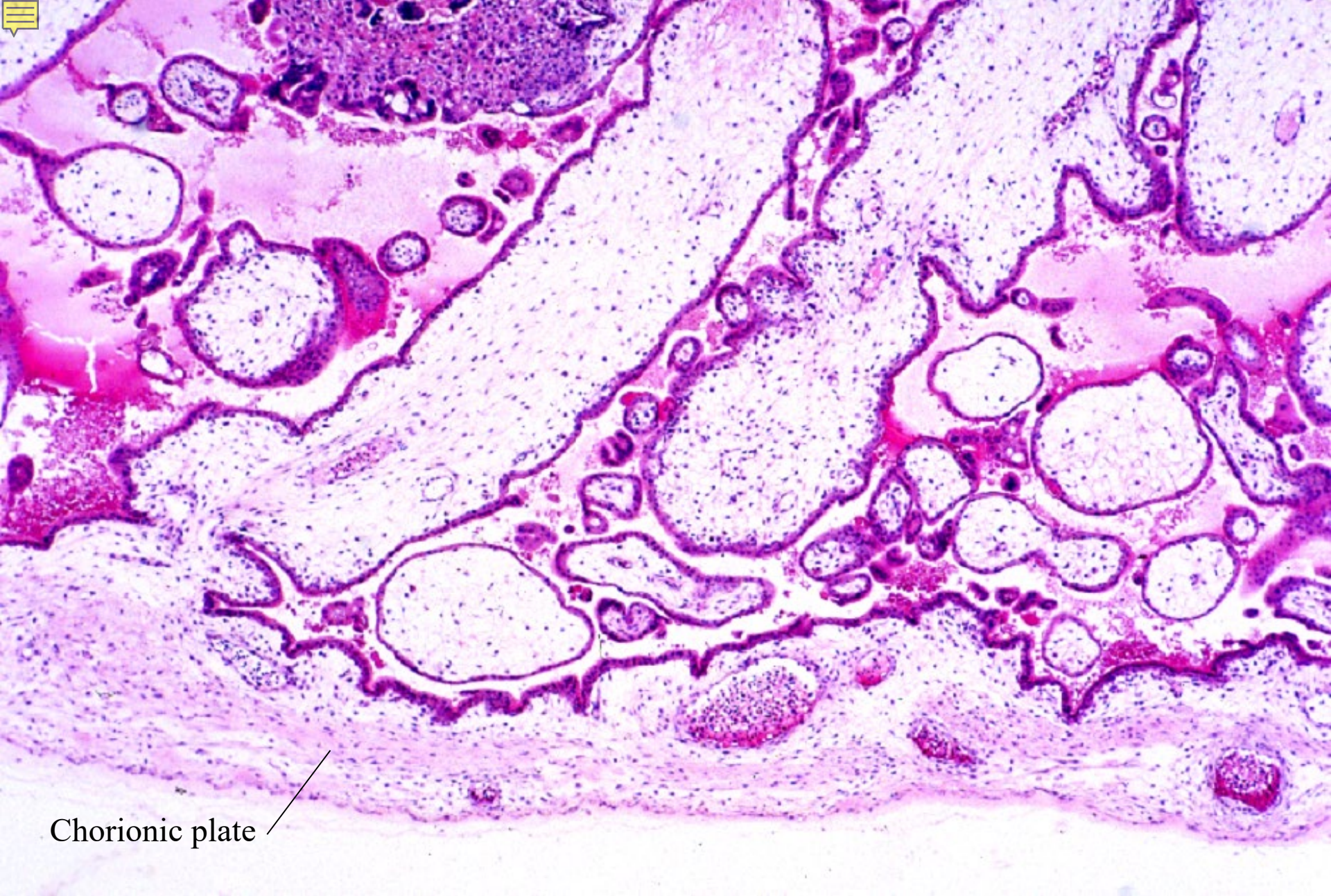
Stem villus

②

17-60.
Scheme
showing the
development
of placenta
2 and 3.



17-61. Placenta on the 51st day of gestation 1. Human, H-E stain, x 1.5.

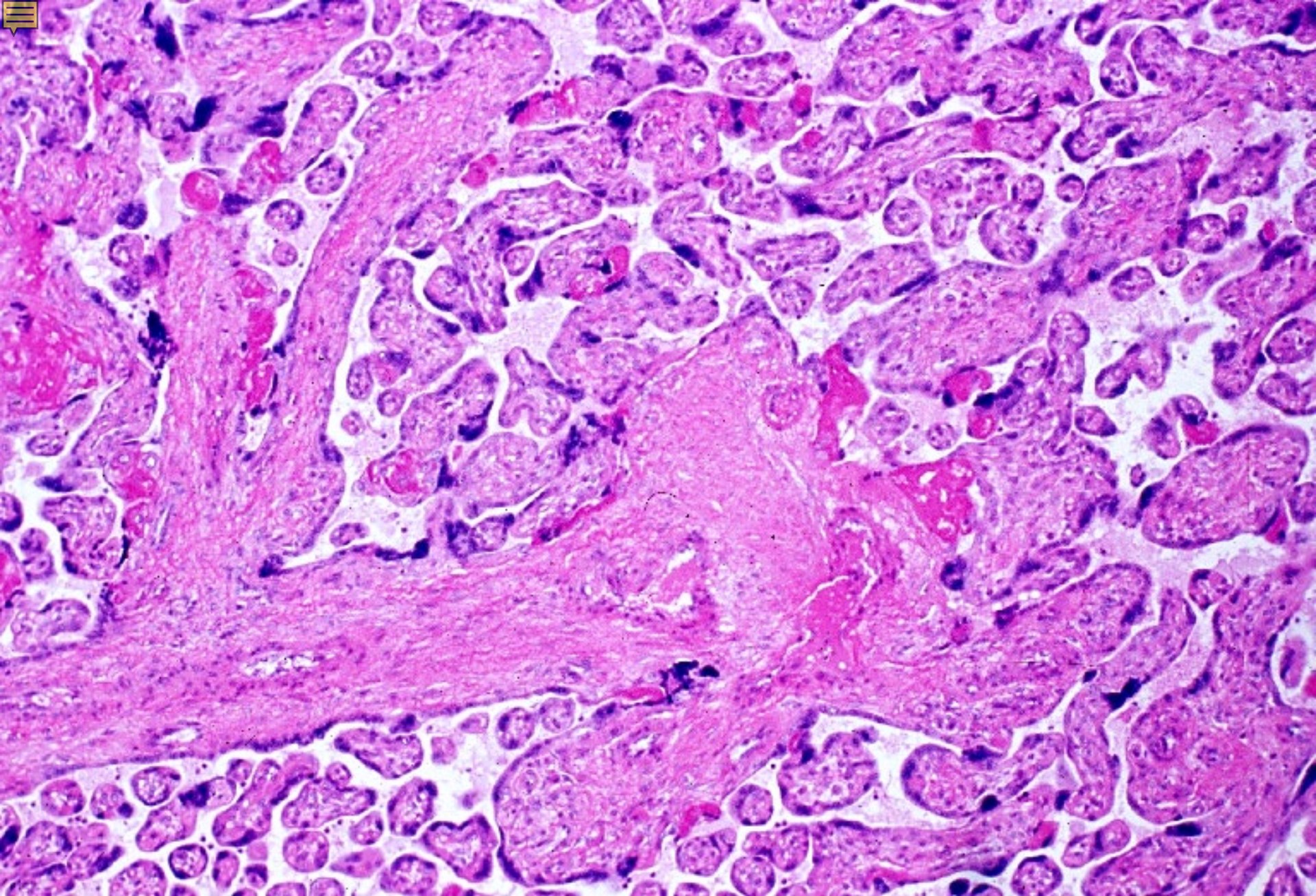


Chorionic plate

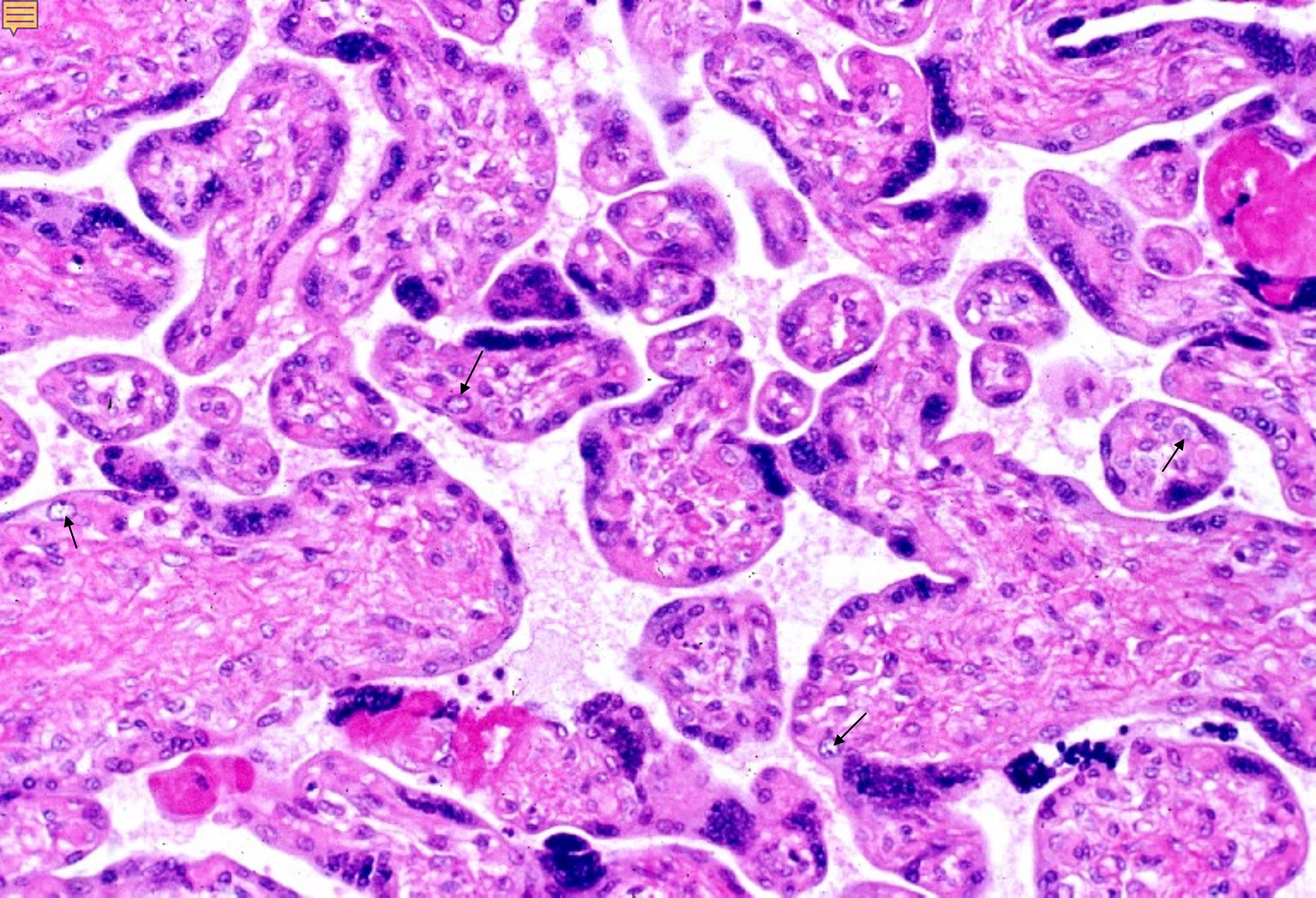
17-62. Placenta on the 51st day of gestation 2. Human, H-E stain, x 13.



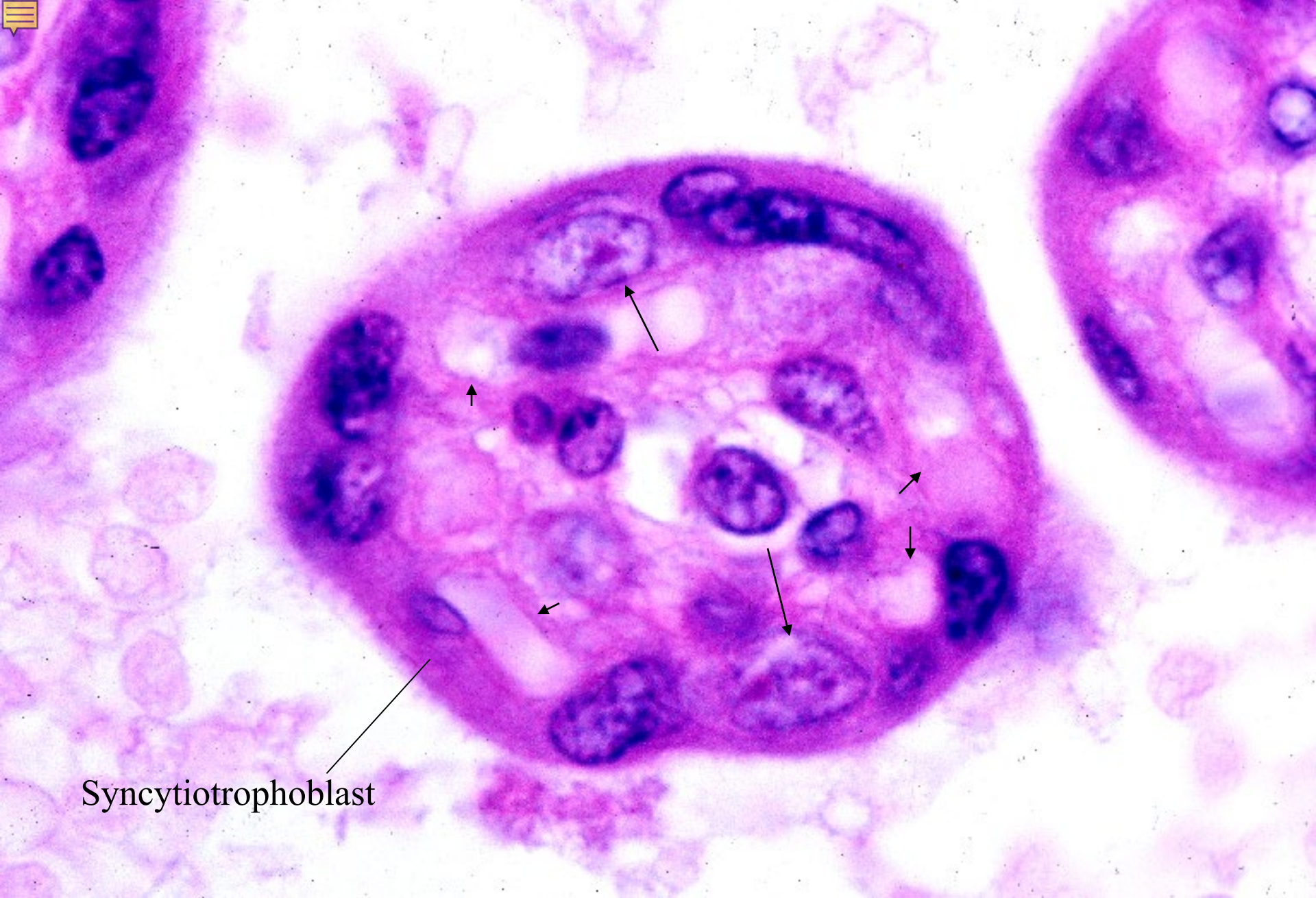
17-63. Placenta on the 51st day of gestation 3. Transverse section of a placental villus Human H-E stain x 200



17-64. Stem of placental villi 1. Placenta after delivery. Human, H-E stain, x 25.



17-65. Placental villi 2. Placenta after delivery. Human, H-E stain, x 64.



Syncytiotrophoblast

17-66. A placental vilus, transverse section. Placenta after delivery.

Human, H E stain, x 400



17-005

Mammary Gland

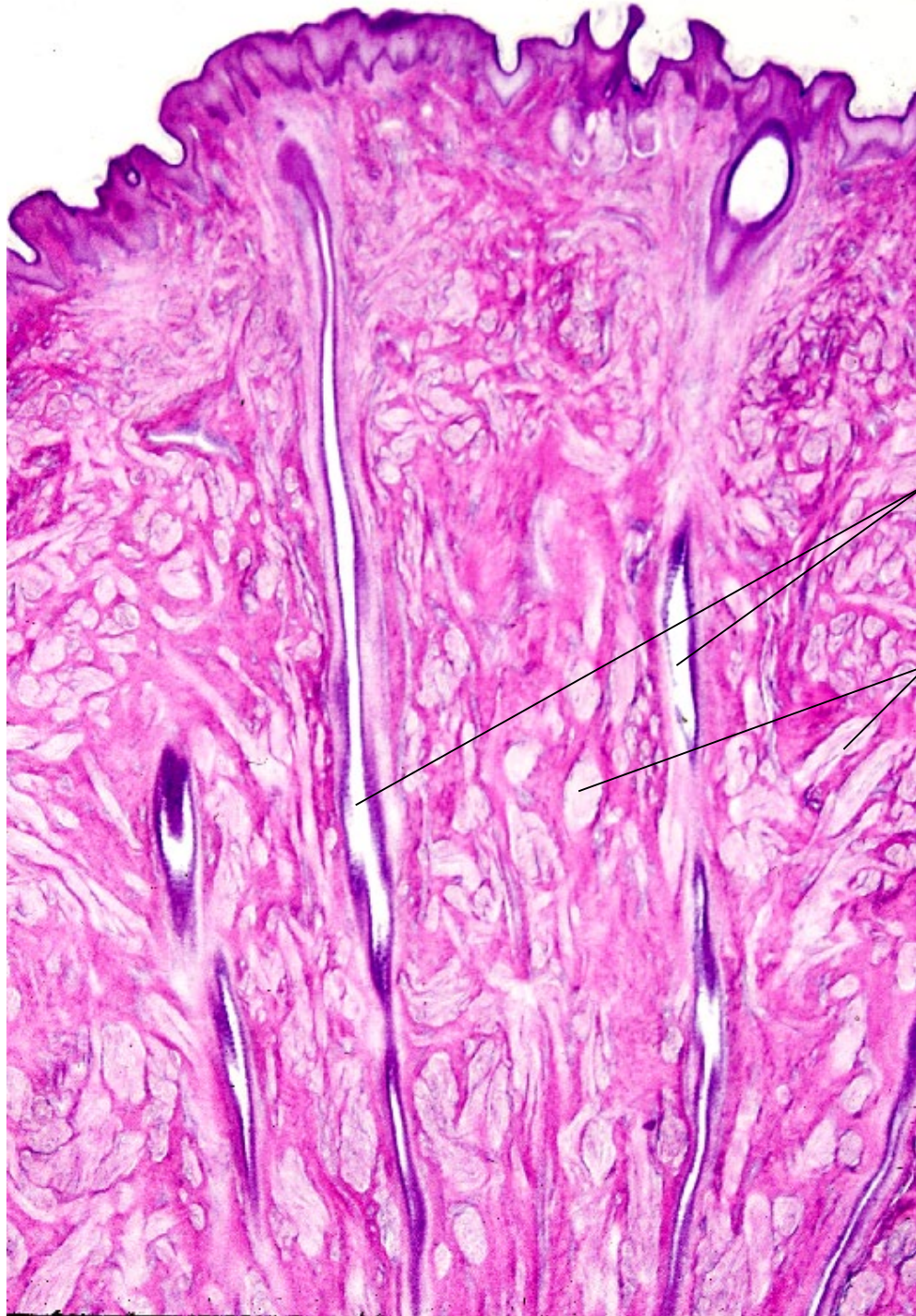


Nipple

Ductus lactiferus

Lobus of resting gland

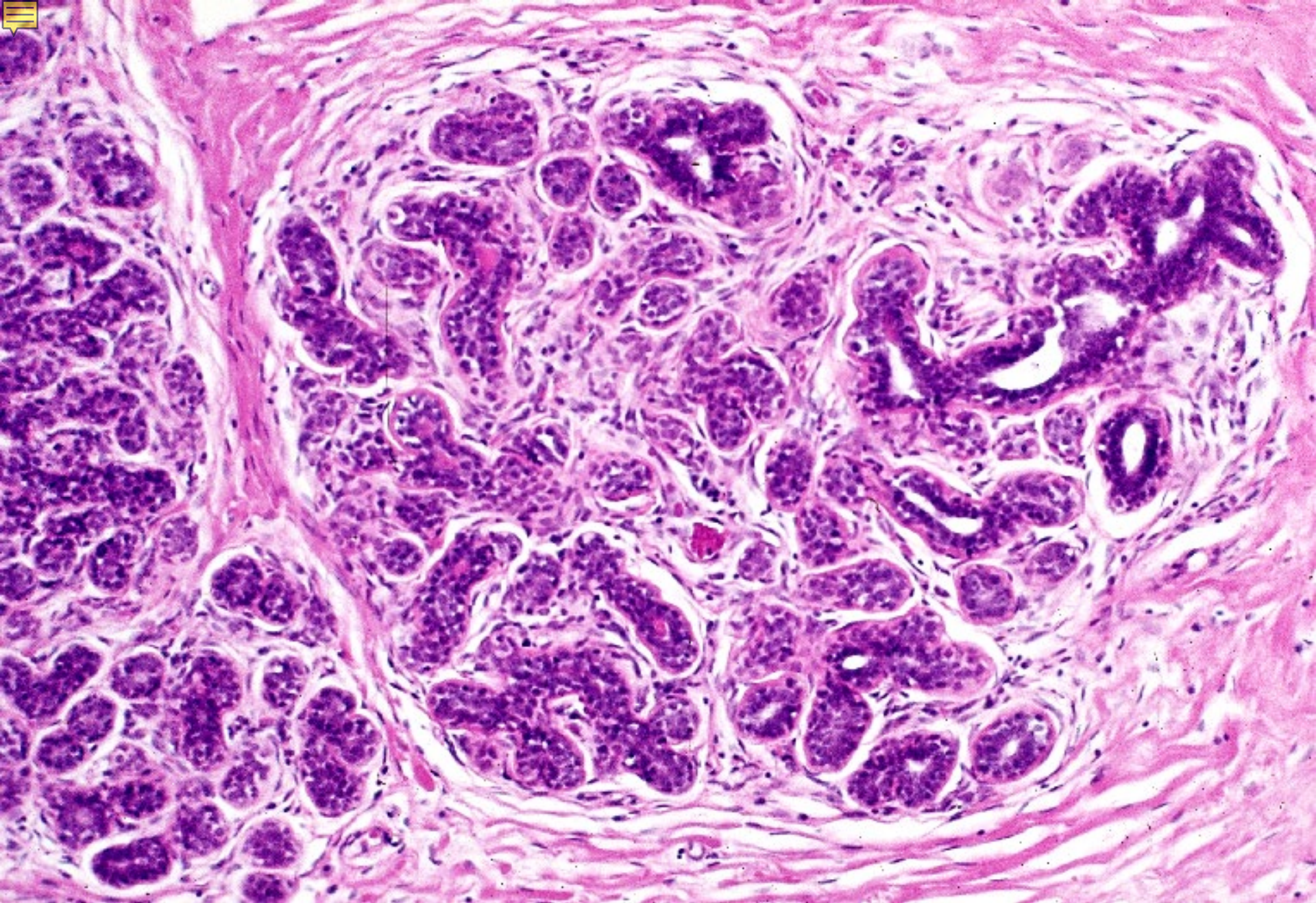
17-67.
Nipple,
longitudinal section
1. General view.
Human,
H-E stain,
x 0.7.



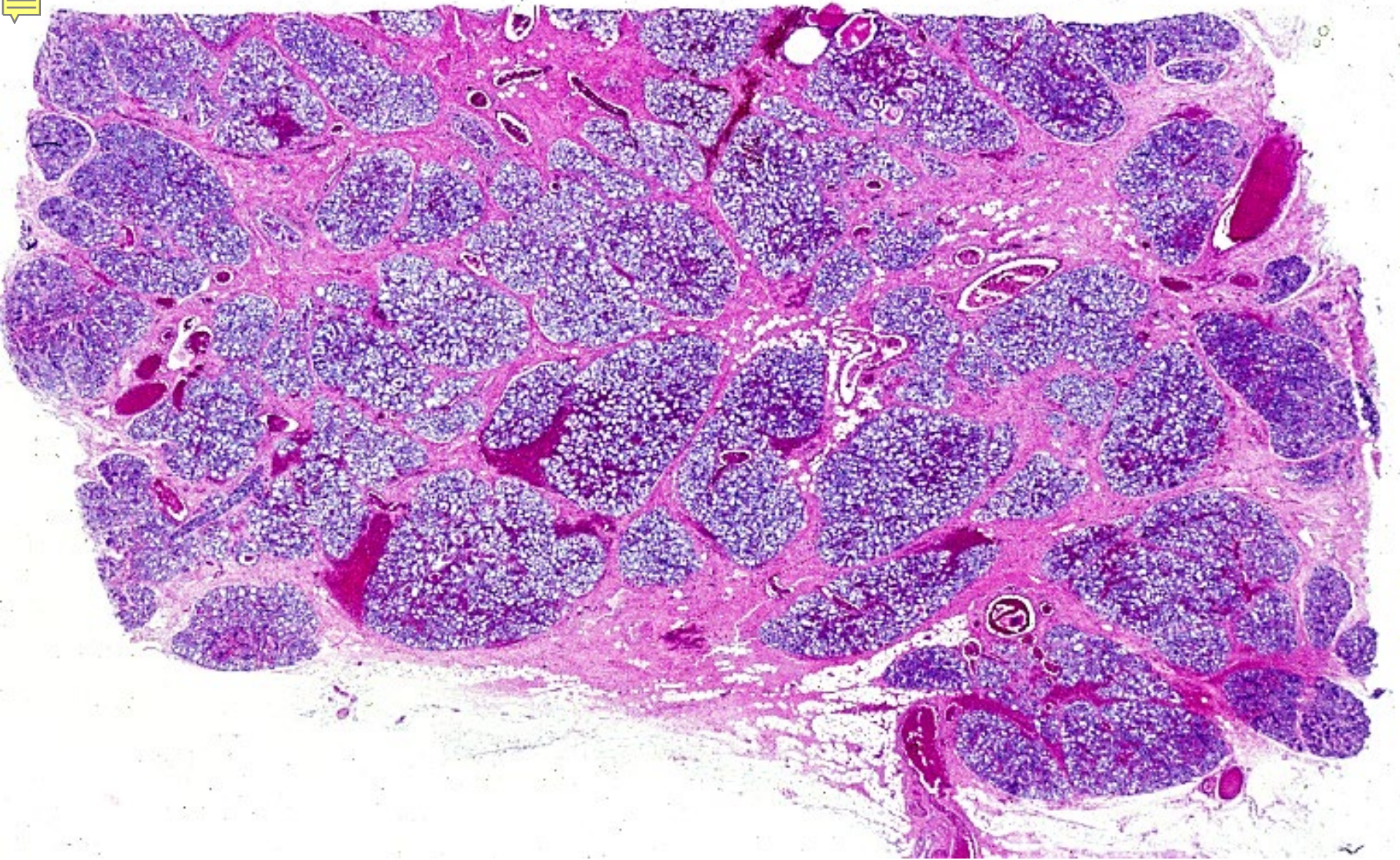
Lactiferous sinus

Smooth muscles

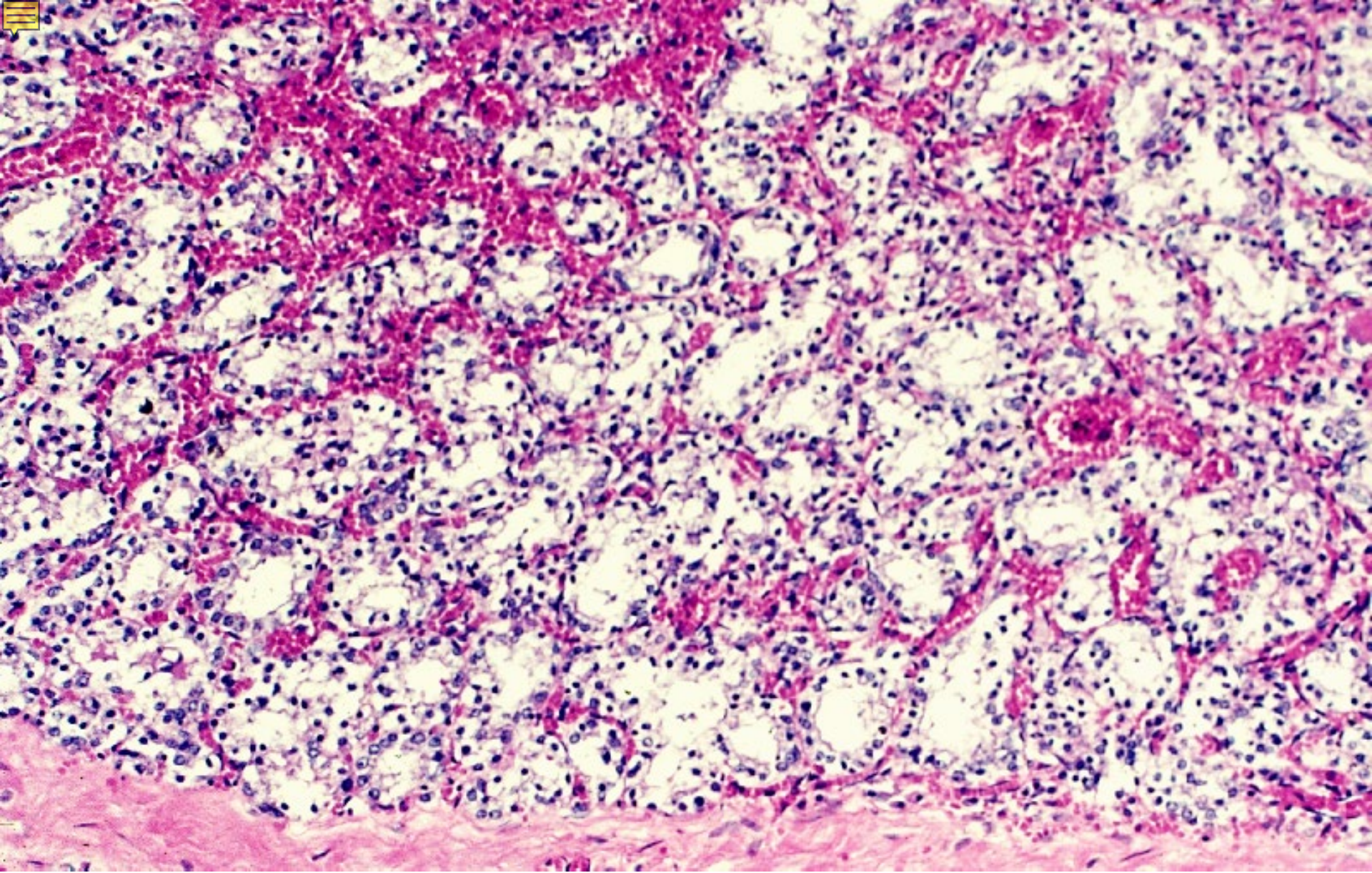
17-68.
Nipple,
longitudinal section.
Ductus lactiferi.
Human,
H-E stain,
x 4.



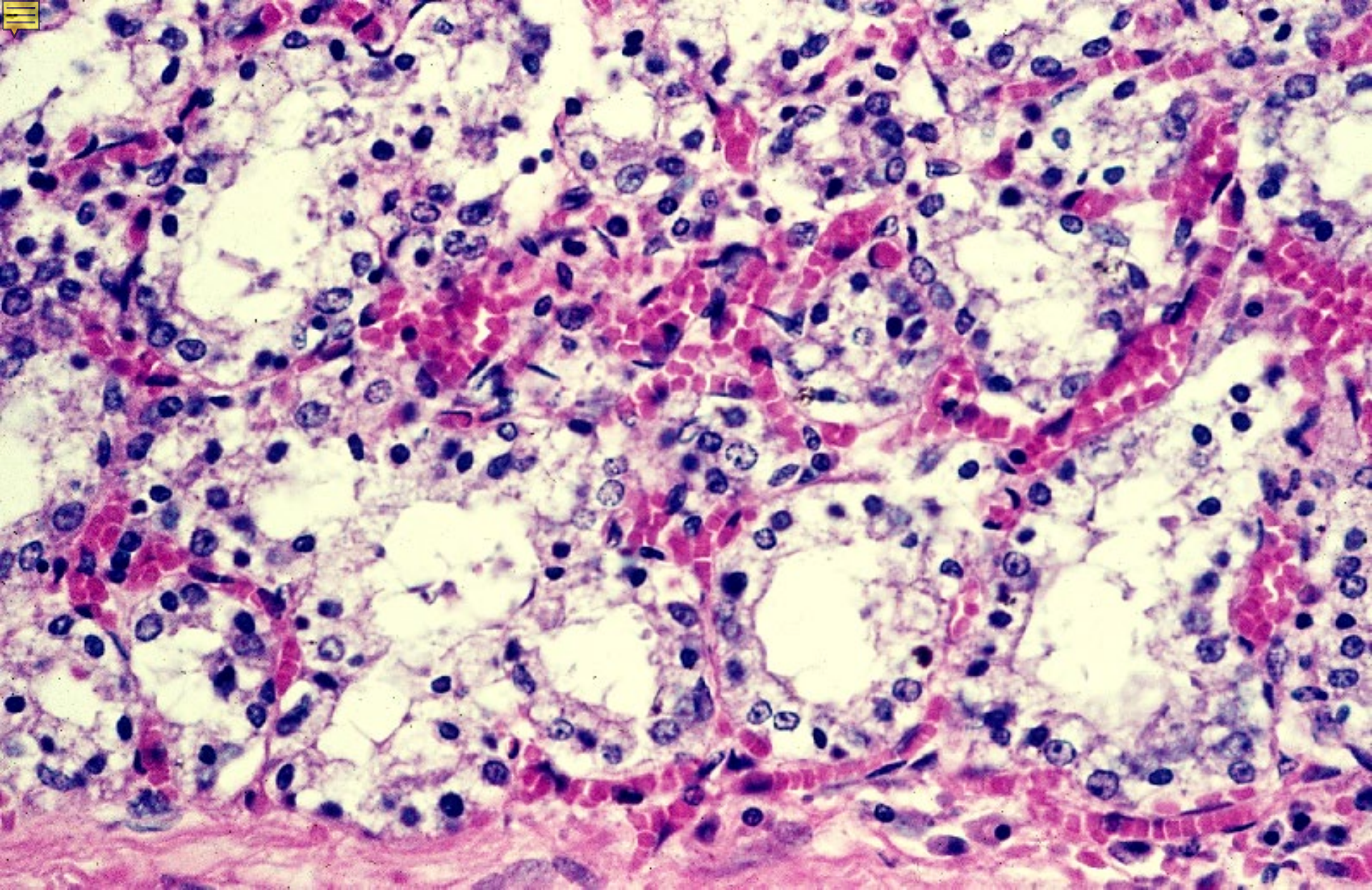
17-69. Mammary gland 1. Resting stage. Human, H-E stain, x 25.



17-70. Mammary gland at term 1. Human, H-E stain, x 2.5.



17-71. Mammary gland at term 2. Human, H-E stain, x 25.



17-72. Mammary gland at term 3. Human, H-E stain, x 100.