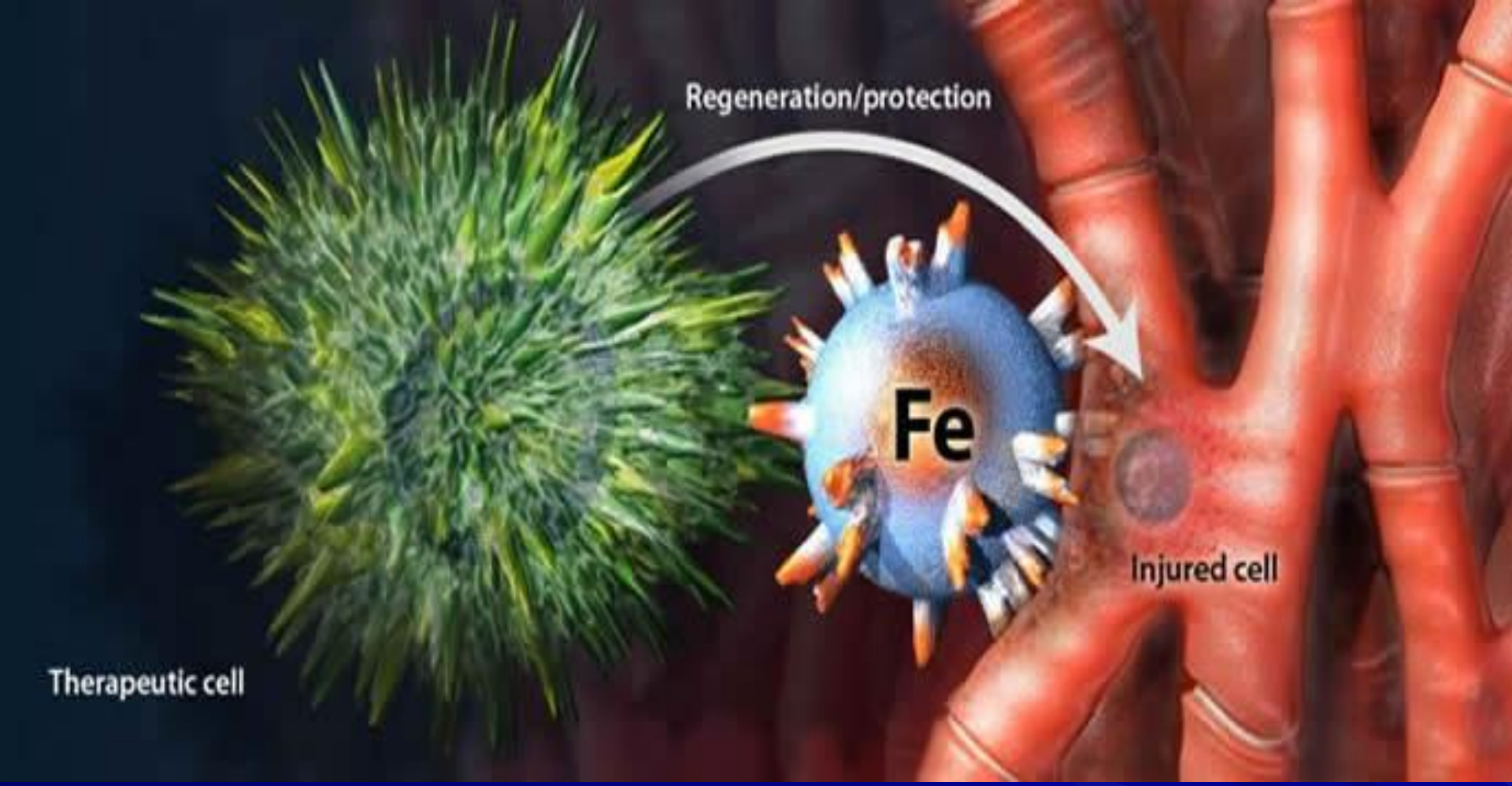


Procese de adaptare şi compensare. Regenerarea ţesuturilor.
Компенсаторно-приспособительные процессы.
Регенерация тканей.
Adaptation and compensation. Regeneration.

Tema: Procese de adaptare şi compensare. Regenerarea ţesuturilor.

I. Micropreparate:

№ 38. Hiperplazia simplă a endometrului. (*Coloraţie H-E.).* **Indicaţii:**

1. Glande endometriale alungite, cu aspect şerpuitor.
2. Glande dilatate chistic.
3. Stroma endometriului.

№ 35. Ţesut de granulaţie. (*Coloraţie H-E.).* **Indicaţii:**

1.Vase cu pereţi subţiri.
2.Celulele ţesutului de granulaţie (macrofage, leucocite, limfocite, plasmocite, fibroblaşti).

№ 150. Cardioscleroză macrofocală postinfarctică. (*Coloraţie picrofuxină (van Gieson)).* **Indicaţii:**

1. Fascicule de ţesut fibroconjunctiv.
2. Cardiomiocite hipertrofiate.

№ 36. Hipertrofia compensatorie a miocardului. (*Coloraţie H-E.).* **Indicaţii:**

1. Cardiomiocite hipertrofiate.
2. Nuclee mărite în dimensiuni, intens colorate.
3. Cardiomiocite nemodificate.
4. Stroma fibroconjunctivă a miocardului.

II. Macropreparate:

№ 4. Hipertrofia ventriculului stâng al inimii.
№ 5. Hipertrofia ventriculului drept al inimii.
№ 90. Hipertrofia peretelui vezicii urinare în adenom de prostată.
№ 20. Atrofia brună a inimii.
№ 109. Atrofia ovarului.
№ 88. Hidronefroză.
№ 123. Hidrocefalie.

Тема: Компенсаторно-приспособительные процессы. Регенерация тканей.

I. Микропрепараты:

№ 38. Простая гиперплазия эндометрия. (*Окраска Г-Э.).* **Обозначения:**

1. Удлинённые извитые железы эндометрия.
2. Кистозно расширенные железы.
3. Строма эндометрия.

№ 35. Грануляционная ткань. (*Окраска Г-Э.).* **Обозначения:**

1. Тонкостенные сосуды.
2. Клетки грануляционной ткани (макрофаги, лейкоциты, лимфоциты, плазмоциты, фибробласты).

№ 150. Постинфарктный кардиосклероз (рубец в миокарде после инфаркта).
(Окраска пикрофуксином по ван Гизону). **Обозначения:**

1.Очаговое разрастание волокнистой соединительной ткани.
2.Гипертрофированные мышечные волокна по периферии рубца.

№ 36. Компенсаторная гипертрофия миокарда. (*Окраска Г-Э).* **Обозначения:**

1. Гипертрофированные мышечные волокна.
2. Увеличенные, гиперхромные ядра клеток.
3. Нормальные кардиомиоциты.
4. Соединительнотканная строма миокарда.

II. Макропрепараты:

№ 4. Гипертрофия левого желудочка сердца.
№ 5. Гипертрофия правого желудочка сердца.
№ 90. Гипертрофия стенки мочевого пузыря при аденоме простаты.
№ 20. Бурая атрофия сердца.
№ 109. Атрофия яичника.
№ 88. Гидронефроз.
№ 123. Гидроцефалия.

Adaptation and compensation. Regeneration.

I. Microspecimens:

№ 38. Simple hyperplasia of the endometrium. *(H-E. stain).* **Indications:**
1. Elongated endometrial glands with meandering appearance.
2. Cystically dilated glands.
3. Endometrial stroma.

№ 35. Granulation tissue. *(H-E. stain).* **Indications:**
1. Thin-walled vessels.
2. Granulation tissue cells (macrophages, leukocytes, lymphocytes, plasma cells, fibroblasts).

№ 150. Macrofocal postinfarction cardiosclerosis. *(Pycrofuxin by van Gieson method stain).* **Indications:**
1. Connective tissue bundles.
2. Hypertrophied cardiomyocytes.

№ 36. Compensatory myocardial hypertrophy. *(H-E. stain).* **Indications:**
1. Hypertrophied cardiomyocytes.
2. Increased in size and intense stained nuclei.
3. Unchanged cardiomyocytes.
4. Myocardial stroma.

II. Macrospecimens:

№ 4. Left ventricular hypertrophy.
№ 5. Right ventricular hypertrophy.
№ 90. Urinary bladder wall hypertrophy in prostate adenoma.
№ 20. Brown atrophy of the heart.
№ 109. Atrophy of the ovary.
№ 88. Hydronephrosis.
№ 123. Hydrocephaly.

Cașexie.

Normal Atrofiat

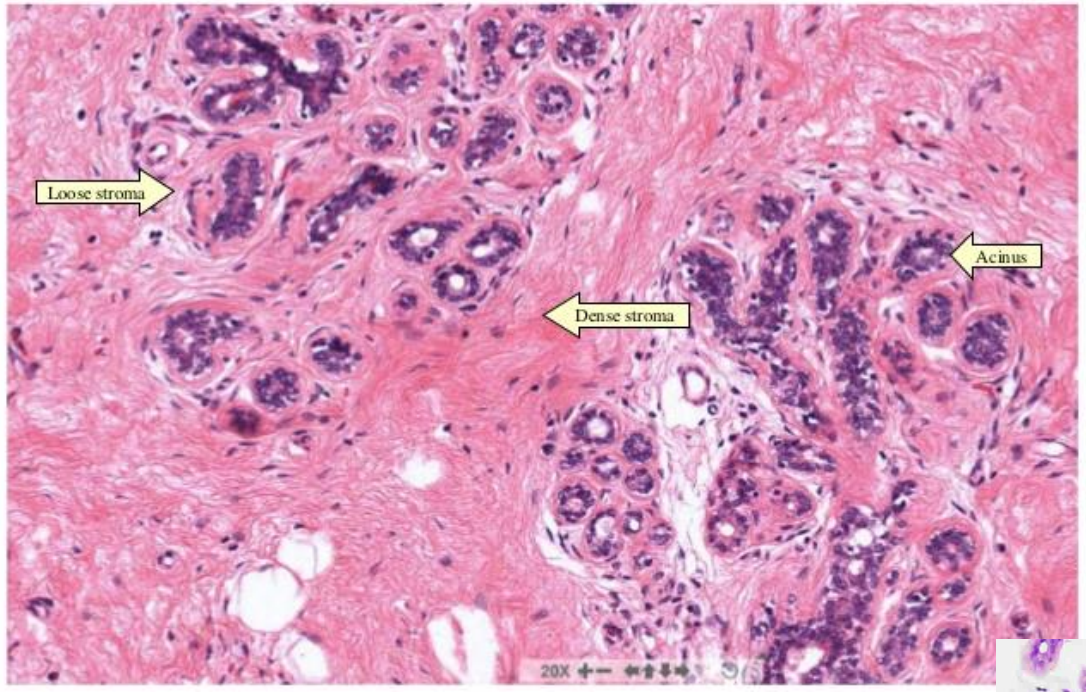
Atrofia ischemică bilaterală a creierului.

Hidrocefalie.

Atrofie prin compresie.

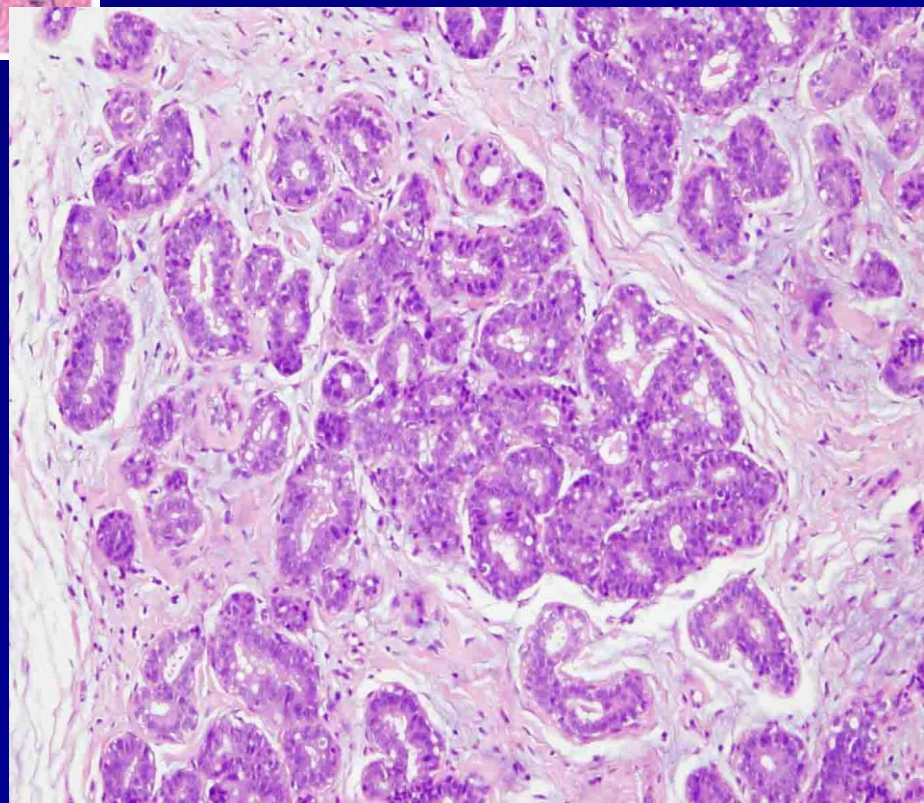
Hidronefroză.

Glanda mamară.

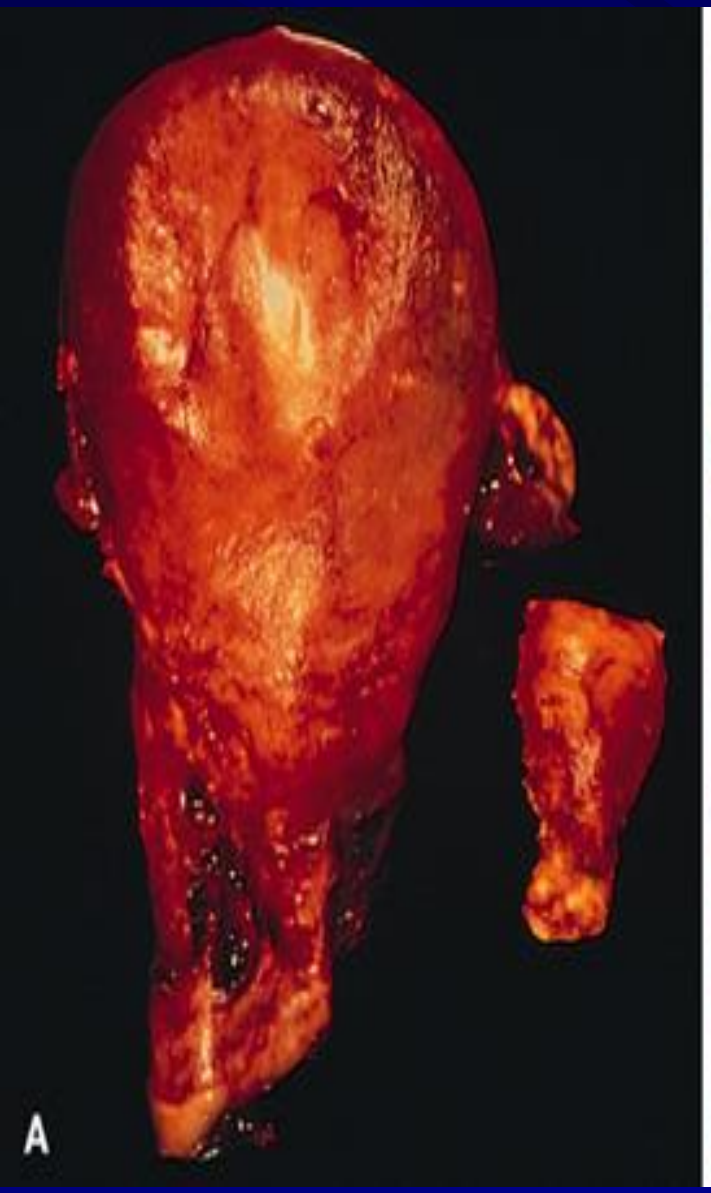


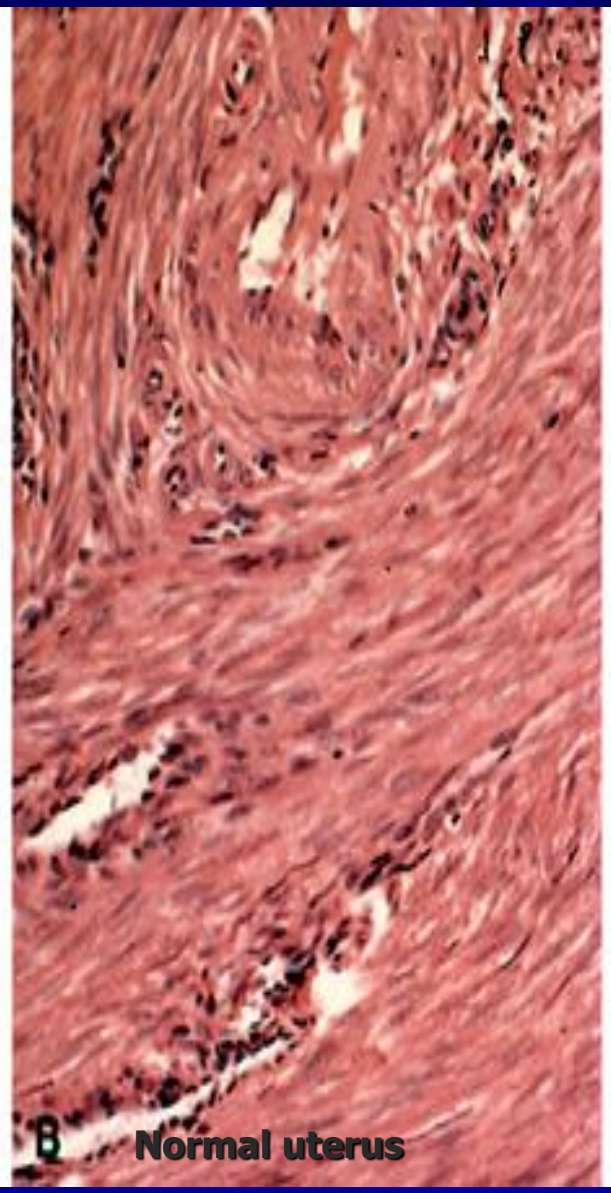
Norma.

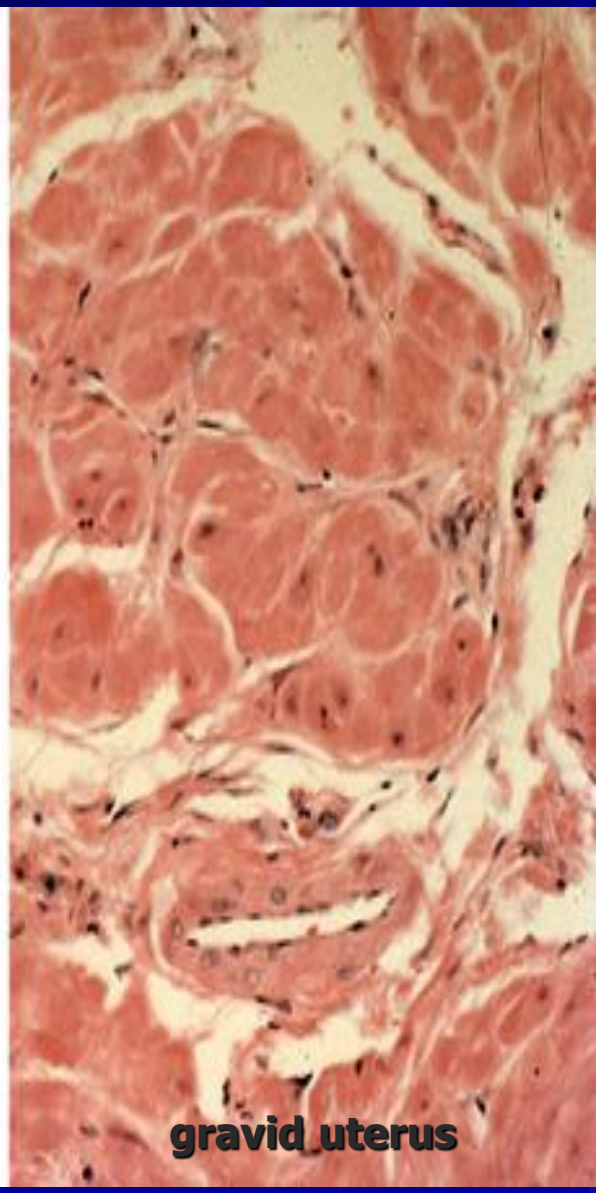
Hiperplazie.



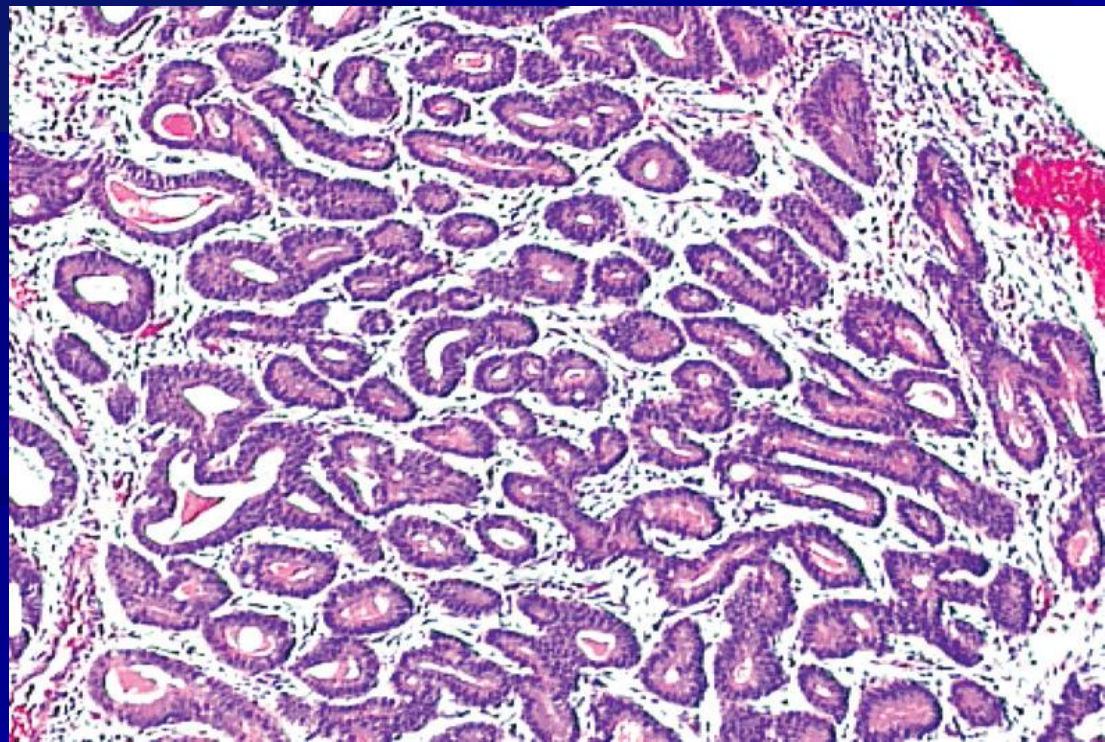
Hipertrofia fiziologică a uterului.

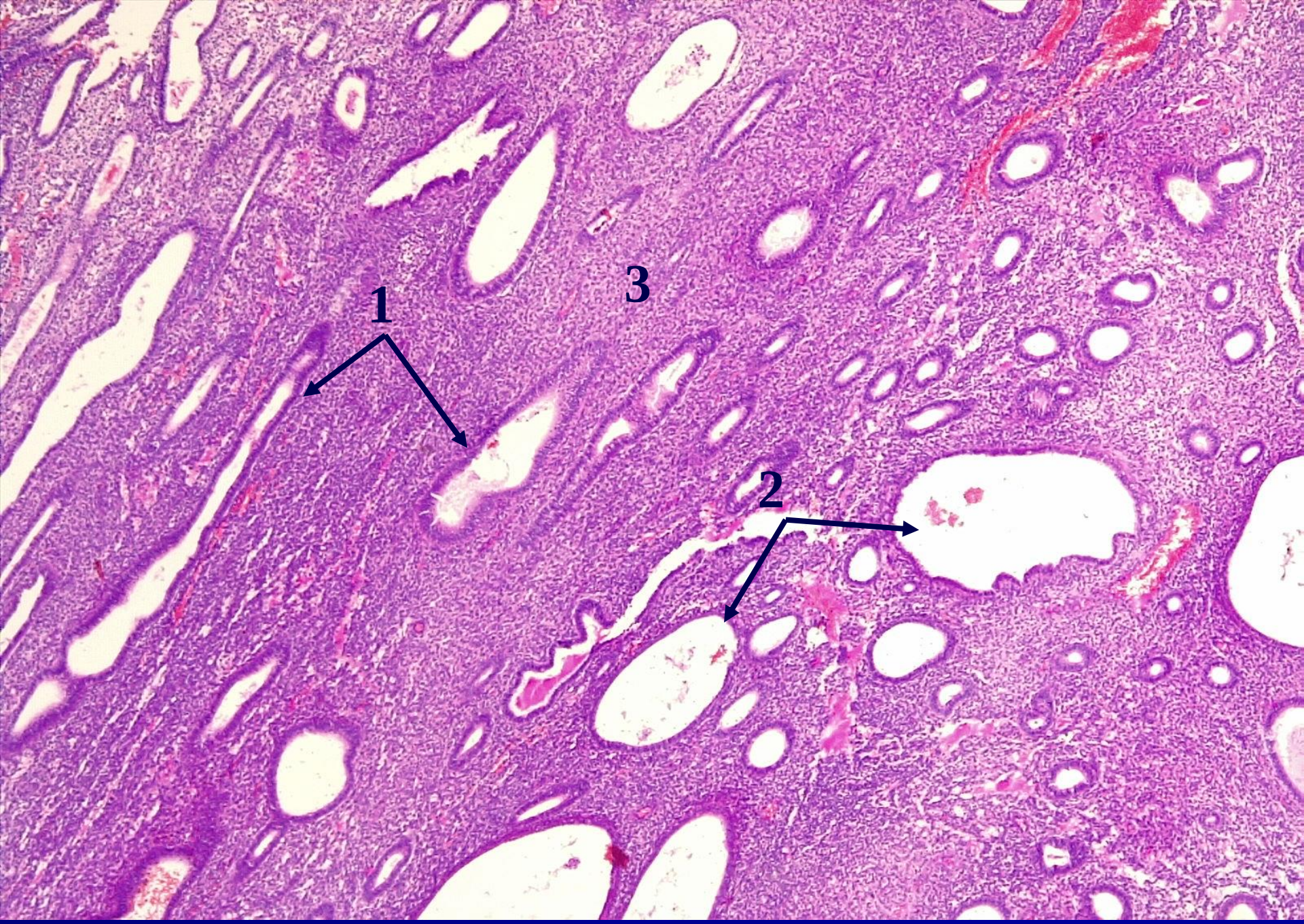






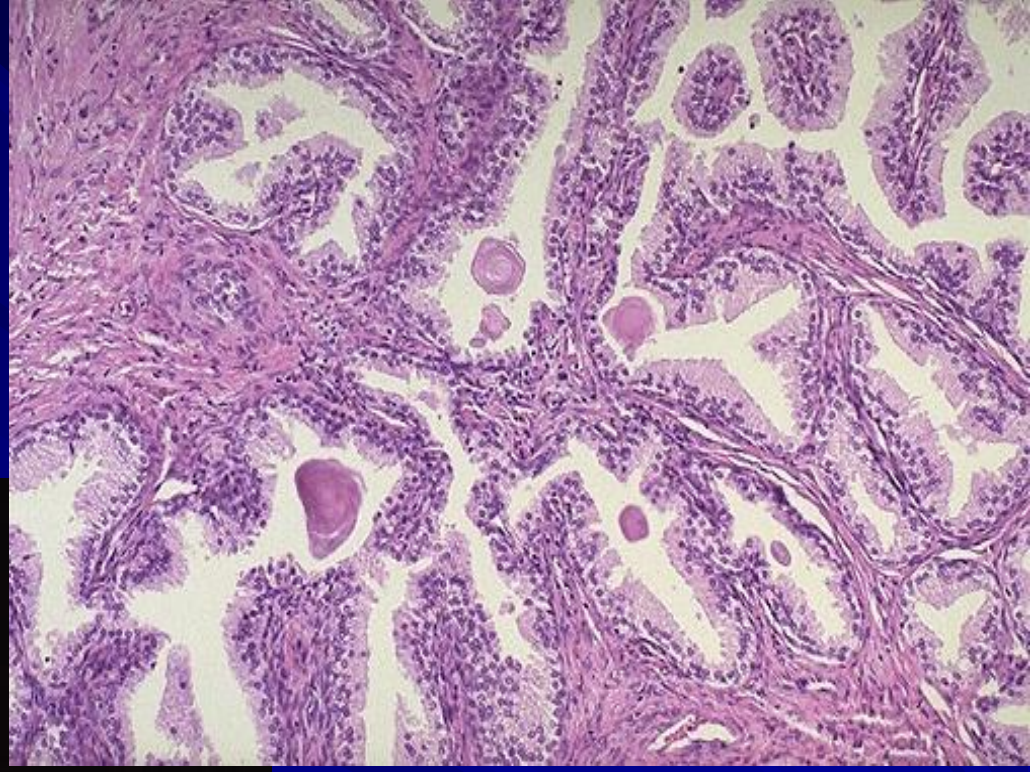
Hiperplazie endometrială (coloraţie H-E).

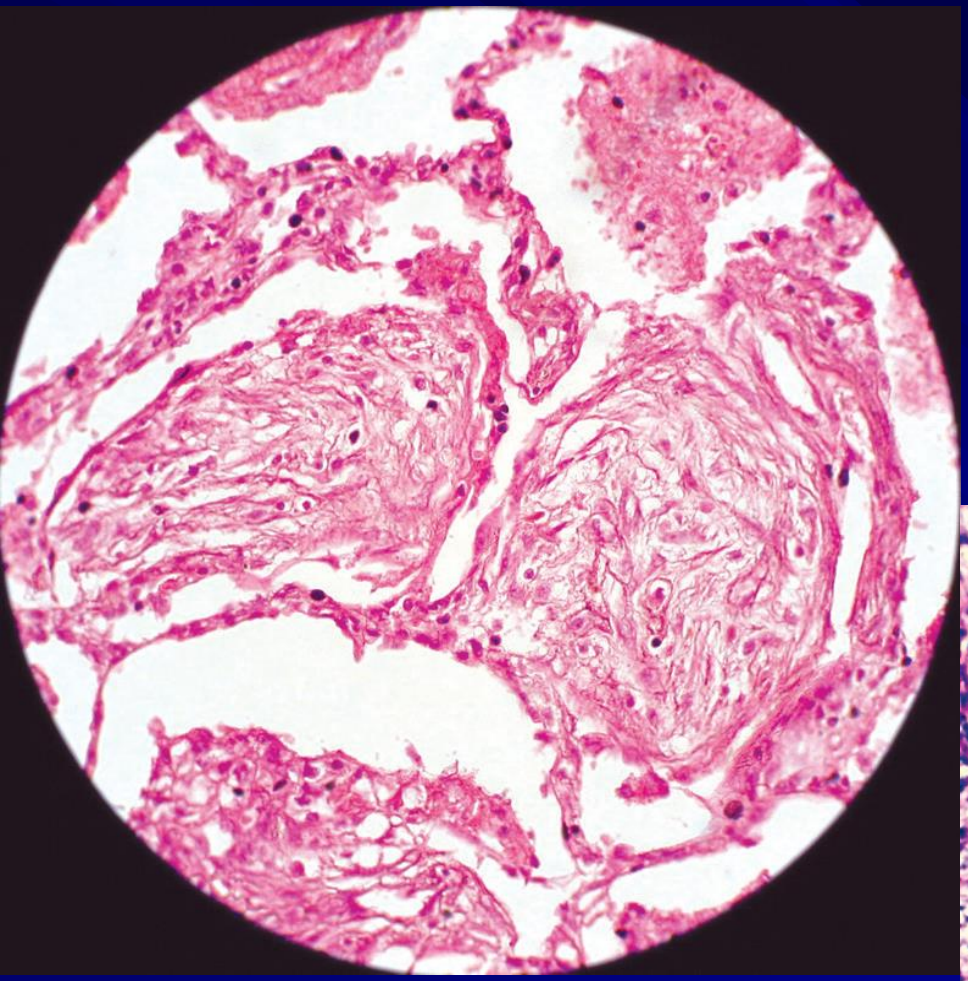




№ 38. Hiperplazia simplă a endometrului. (*Coloraţie H-E*).

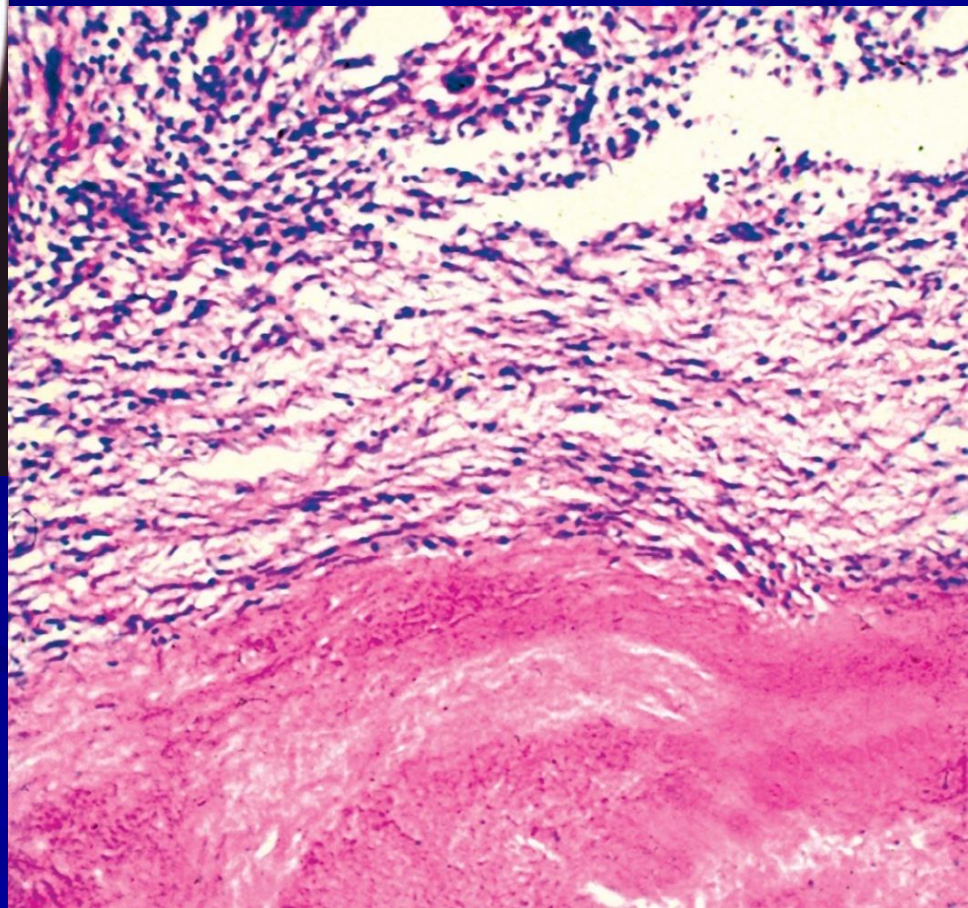
Hiperplazia nodulară a prostatei.

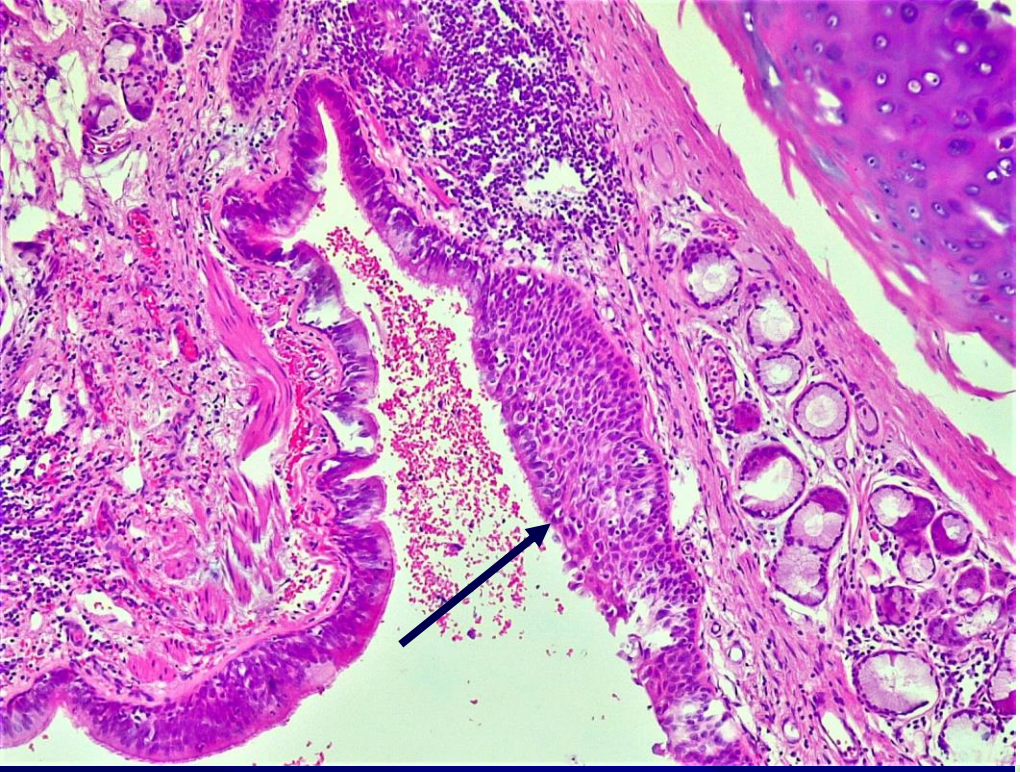


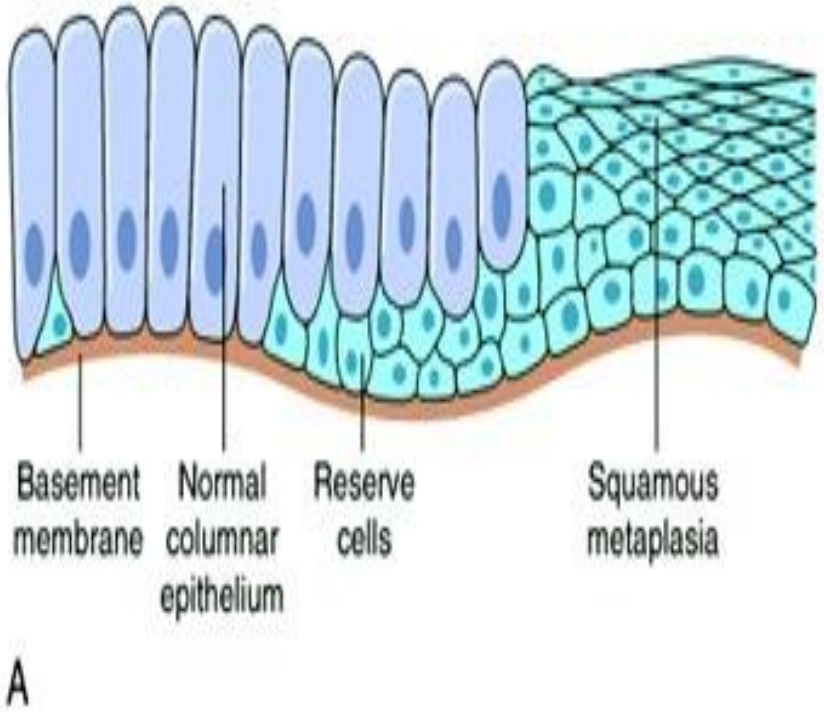


Organizarea exsudatului din alveolele pulmonare.

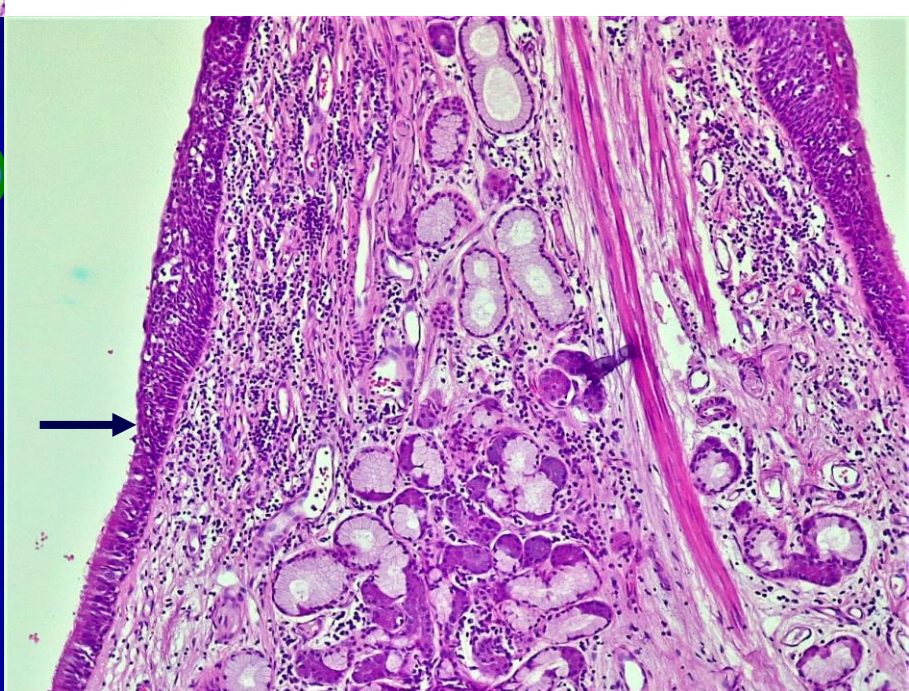
Încapsularea focarului de necroză cazeoasă în tuberculoză.

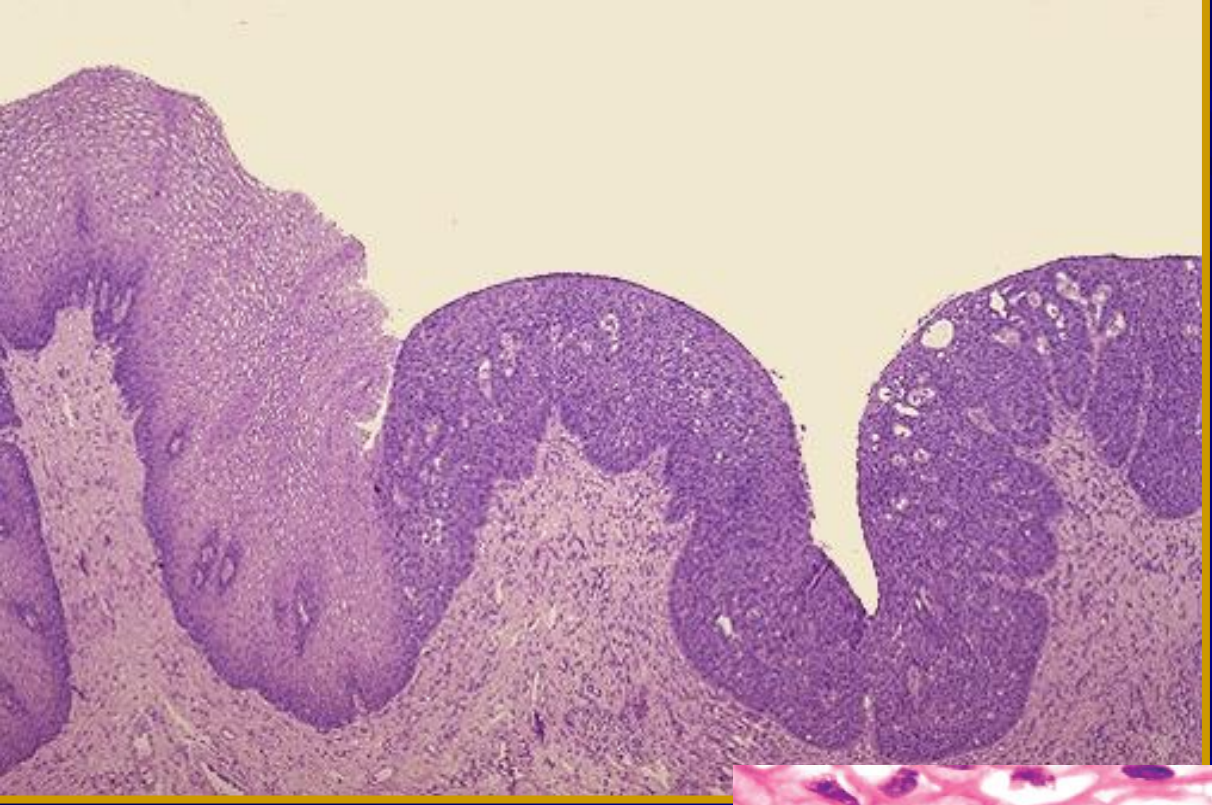




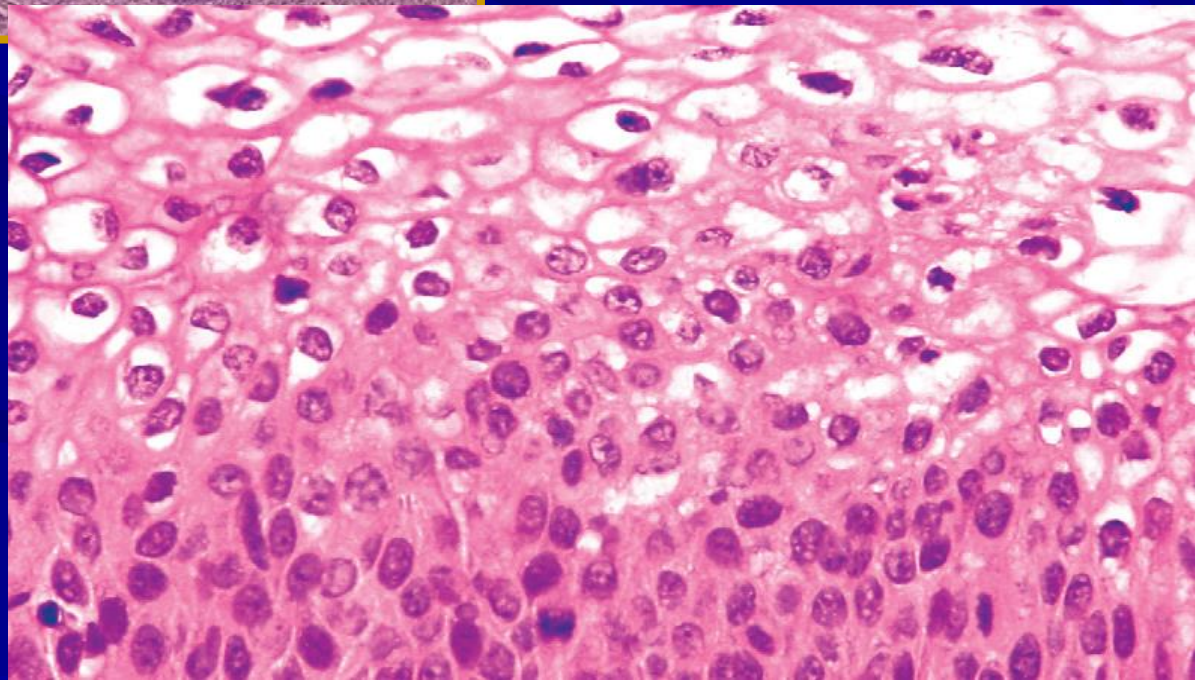


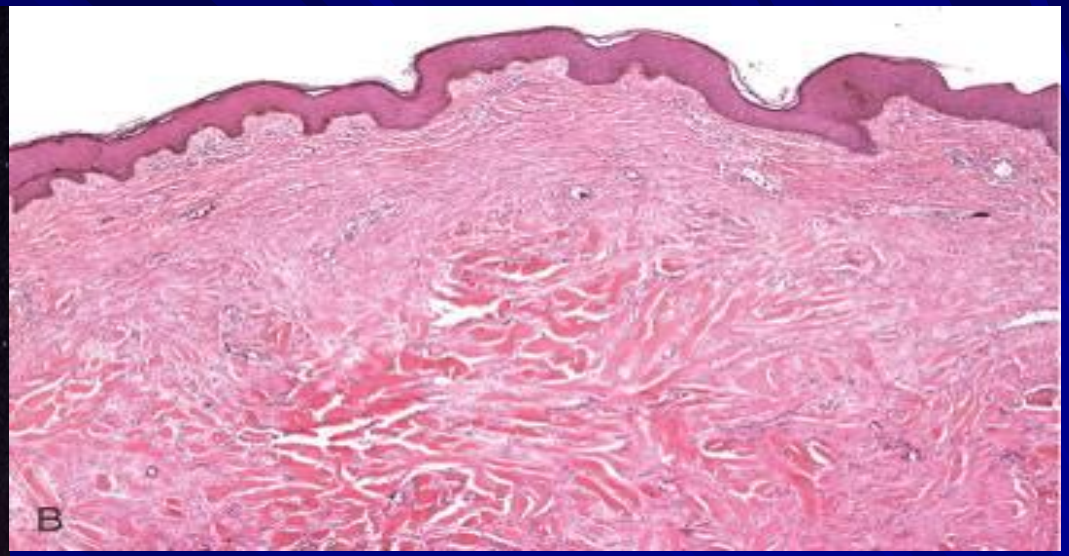
Metaplazia epiteliului respirator.

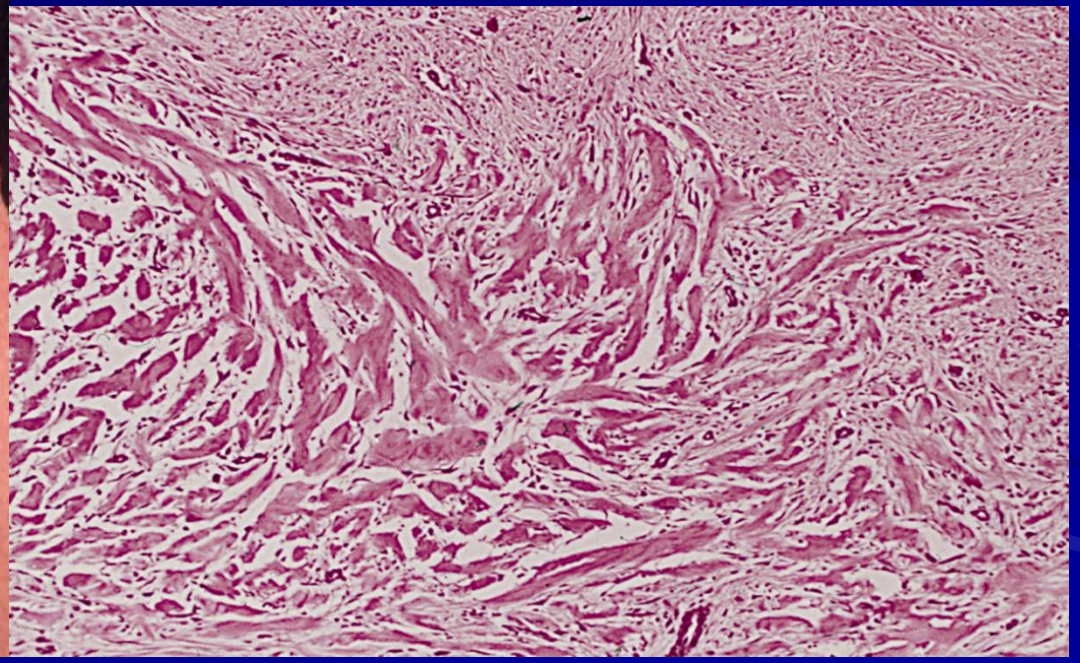




Displazia epiteliului ectocervical.



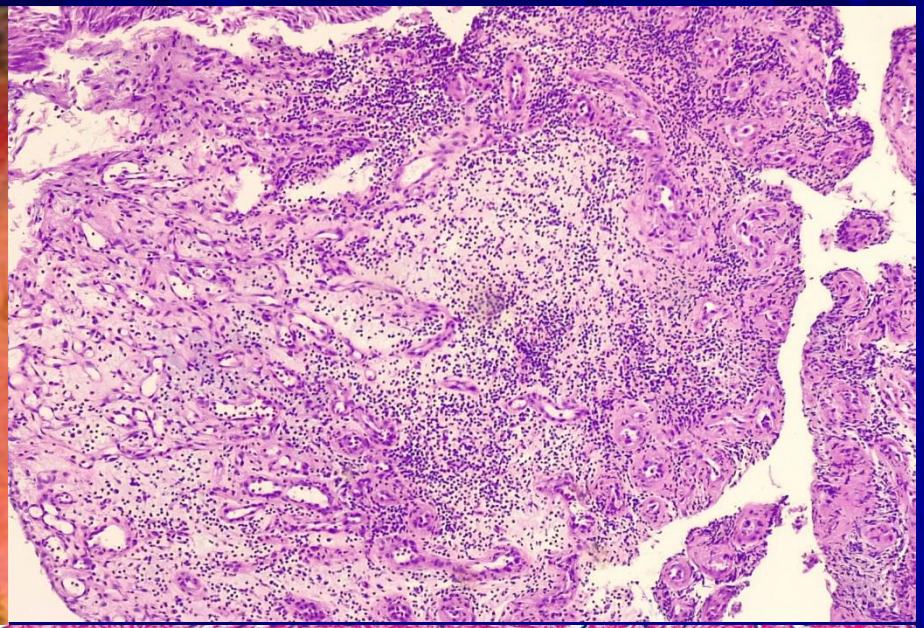
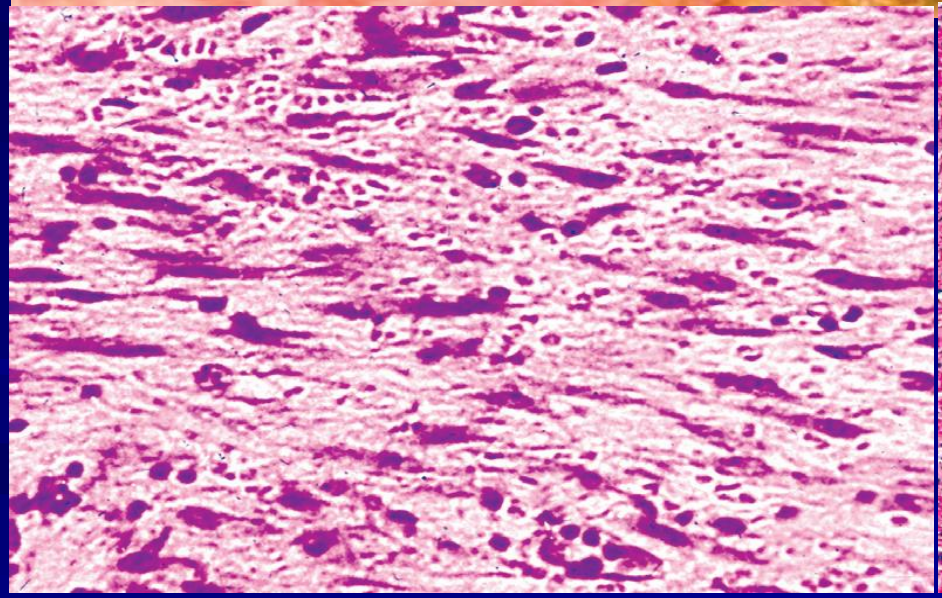
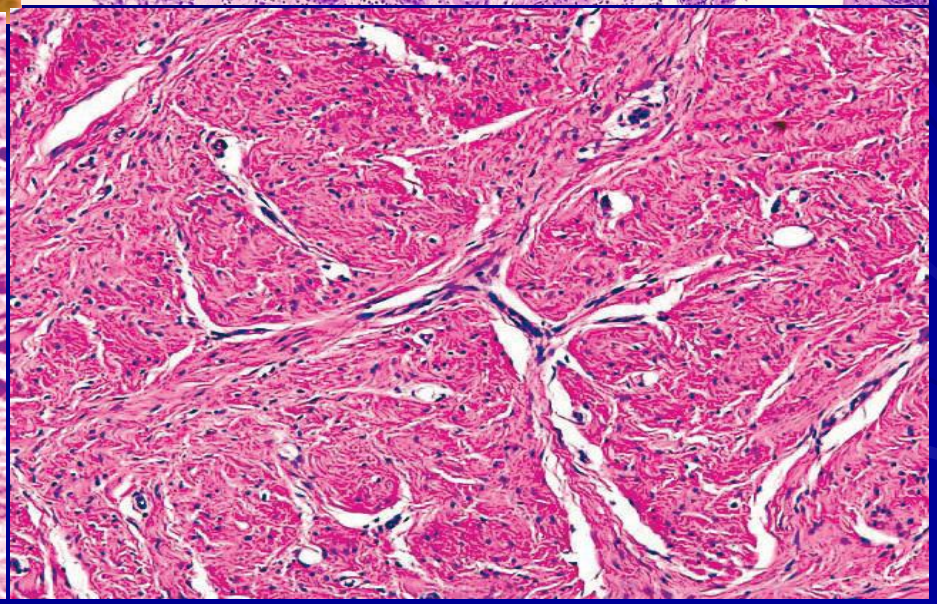




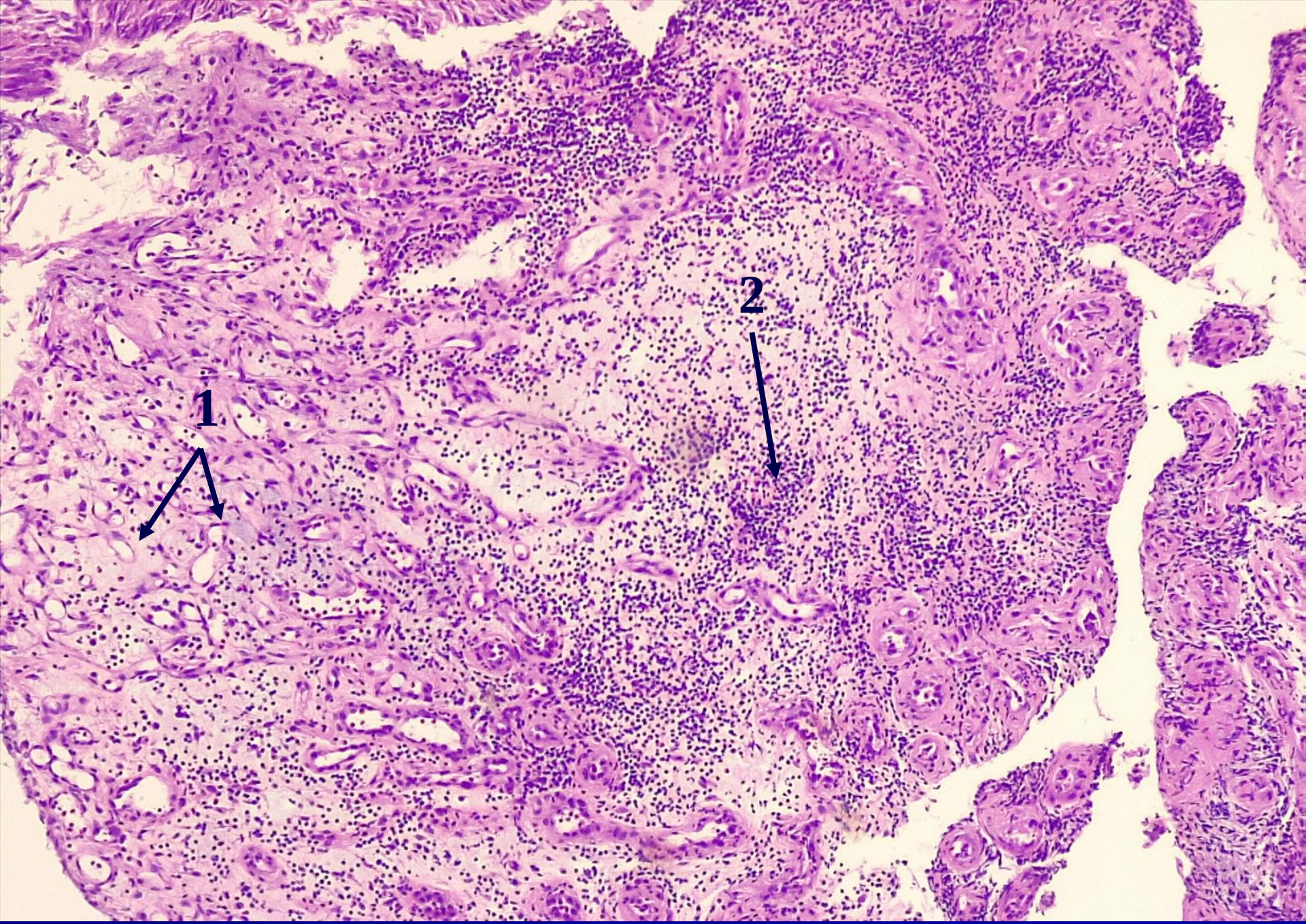
Cicatrice cheloidiană.

Exostoze în regiunea capului femurului şi a bontului de amputare a osului femural.

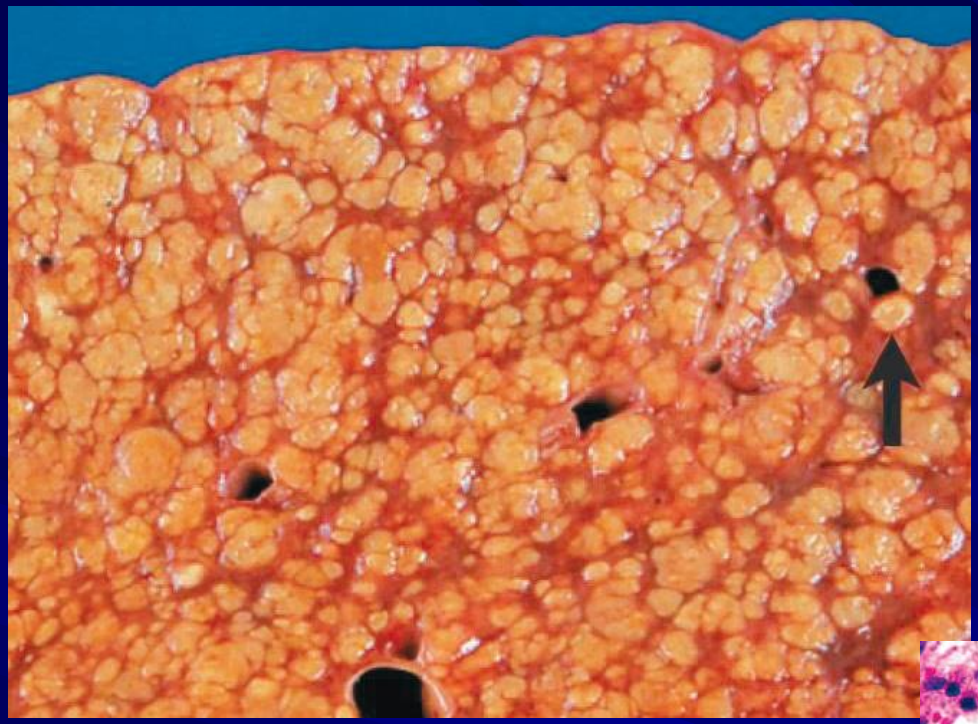
Calus osos vicios în fractura femurului.

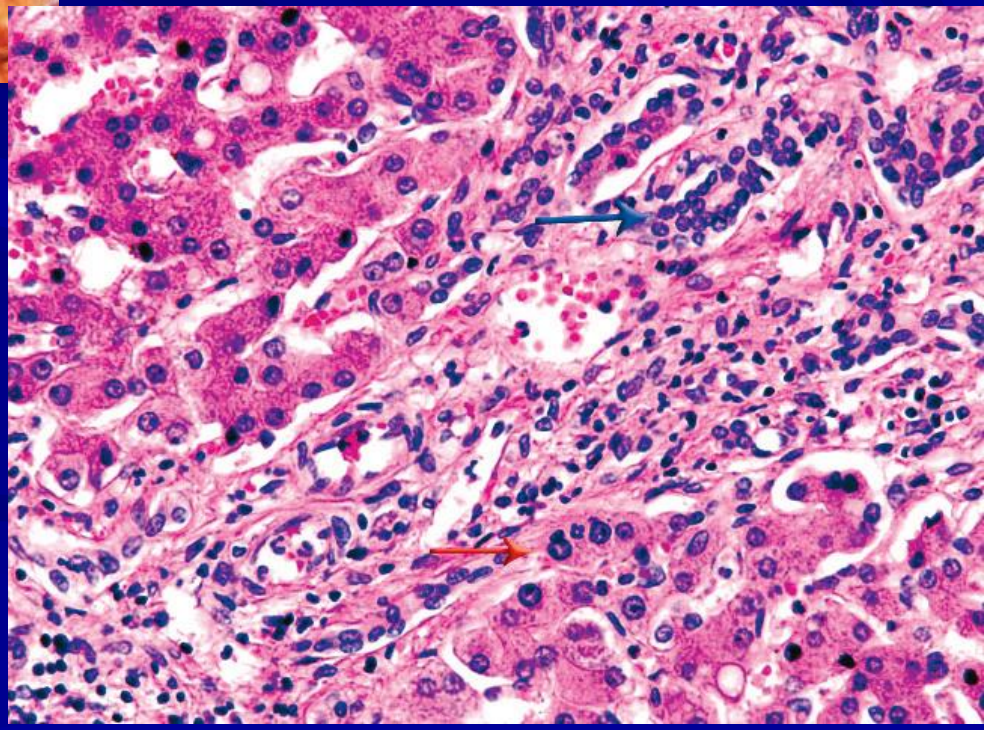
Ţesut de granulaţie.

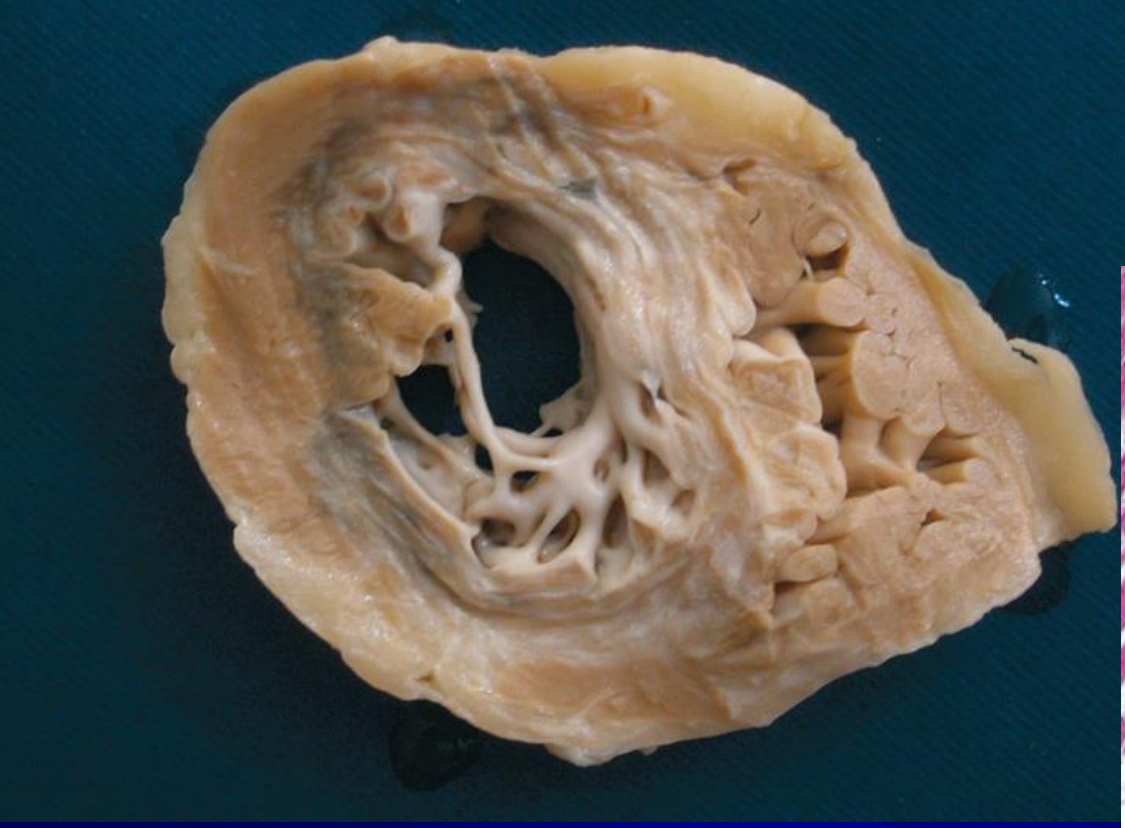


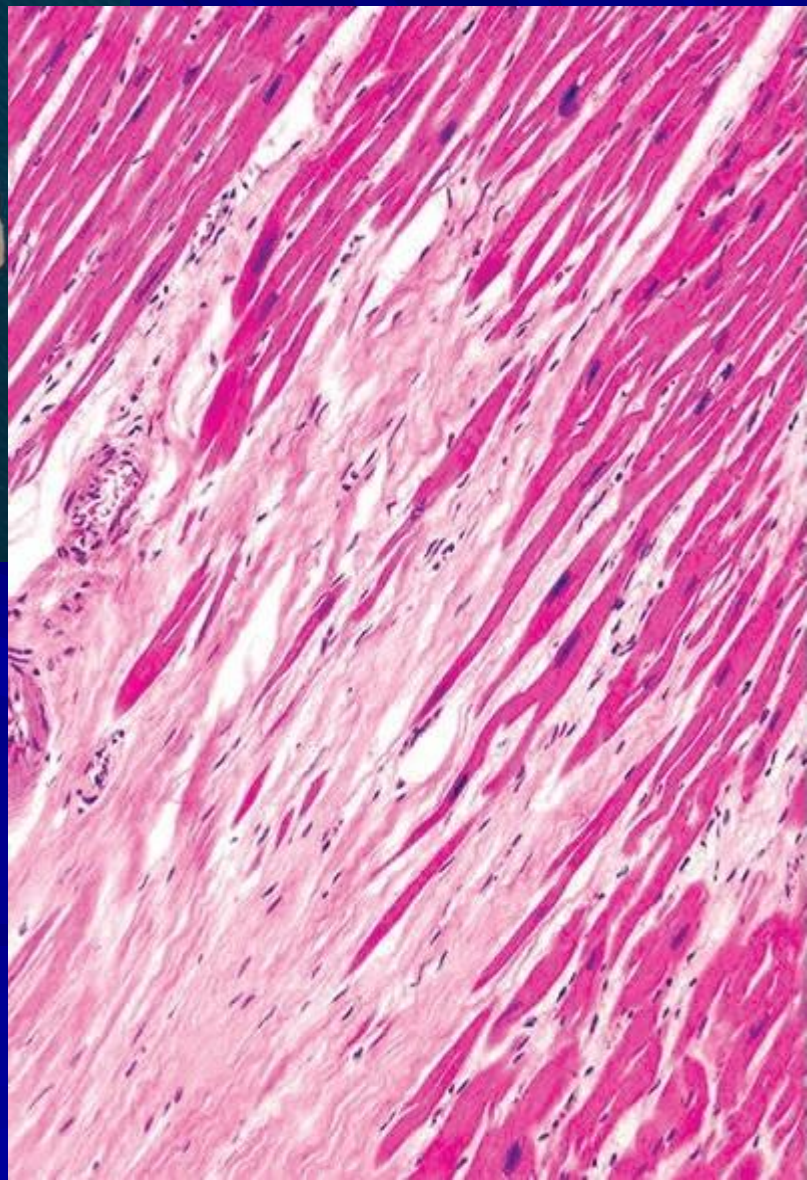
№ 35. Ţesut de granulaţie. (*Coloraţie H-E*).



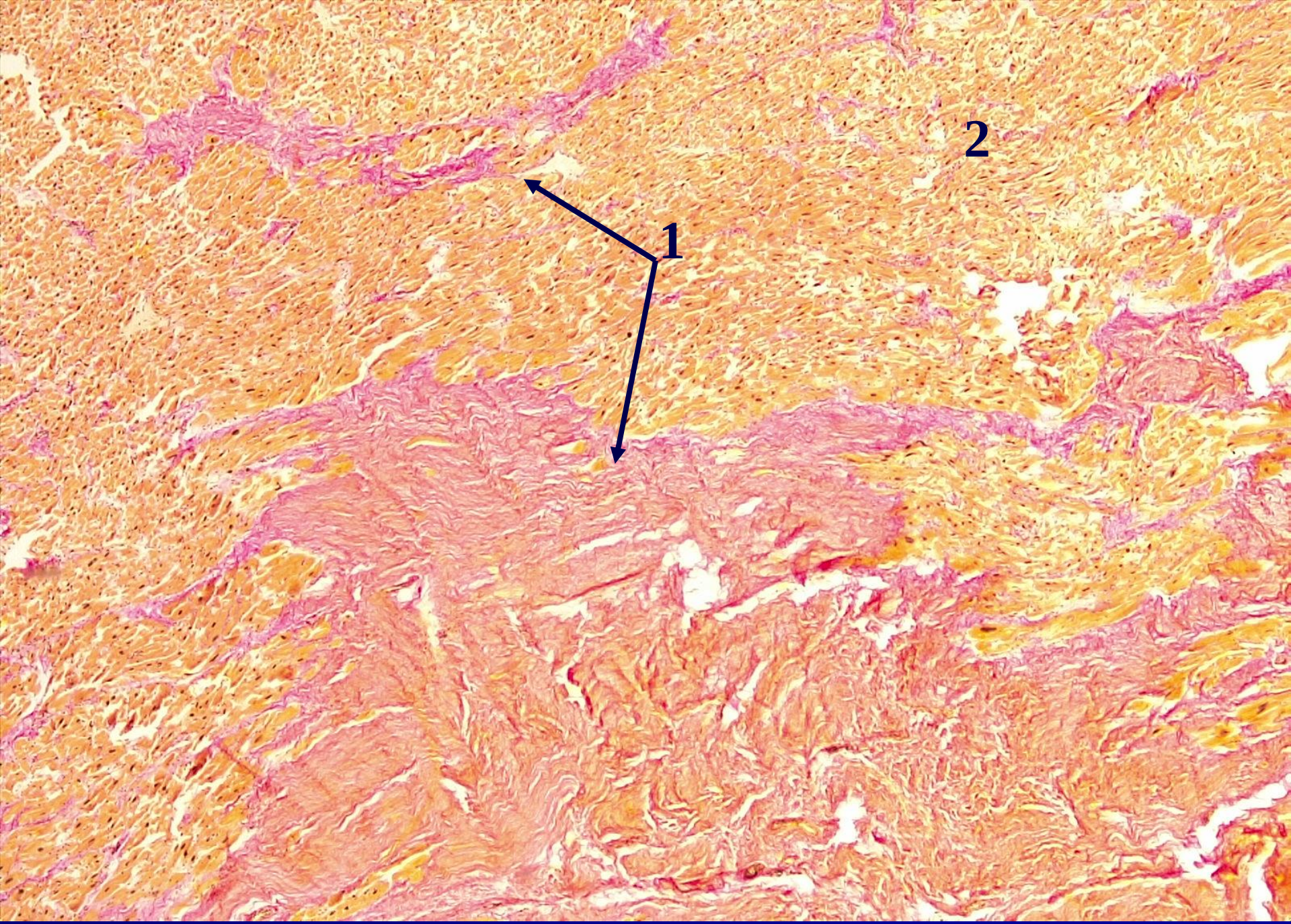
Regenerarea ficatului în ciroză







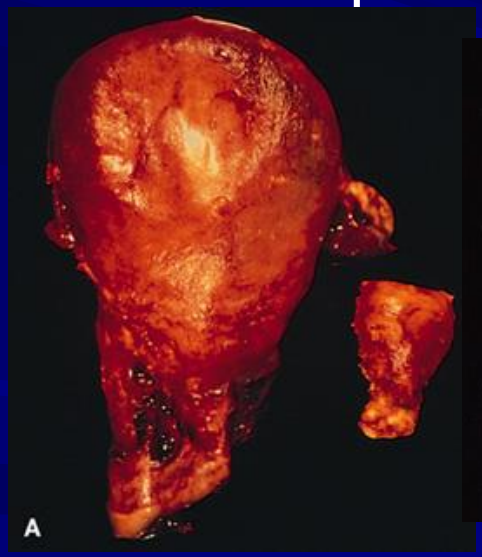
Cardioscleroză macrofocală postinfarctică.
Hipertrofie regenerativă.



№ 150. Cardioscleroză macrofocală postinfarctică. (*Coloraţie picrofuxină van Gieson).*

Hipetrofia

- Fiziologică
  - Exerciții fizice
  - Adaptivă
- Patologică
  - Adaptivă
  - Compensatorie



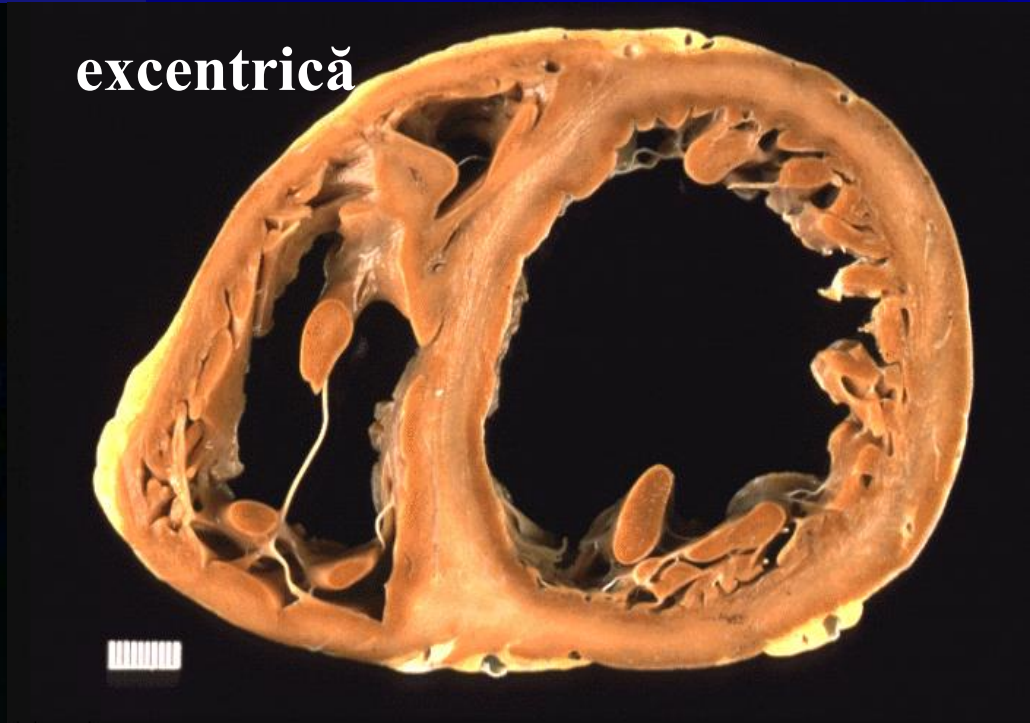
concentrică

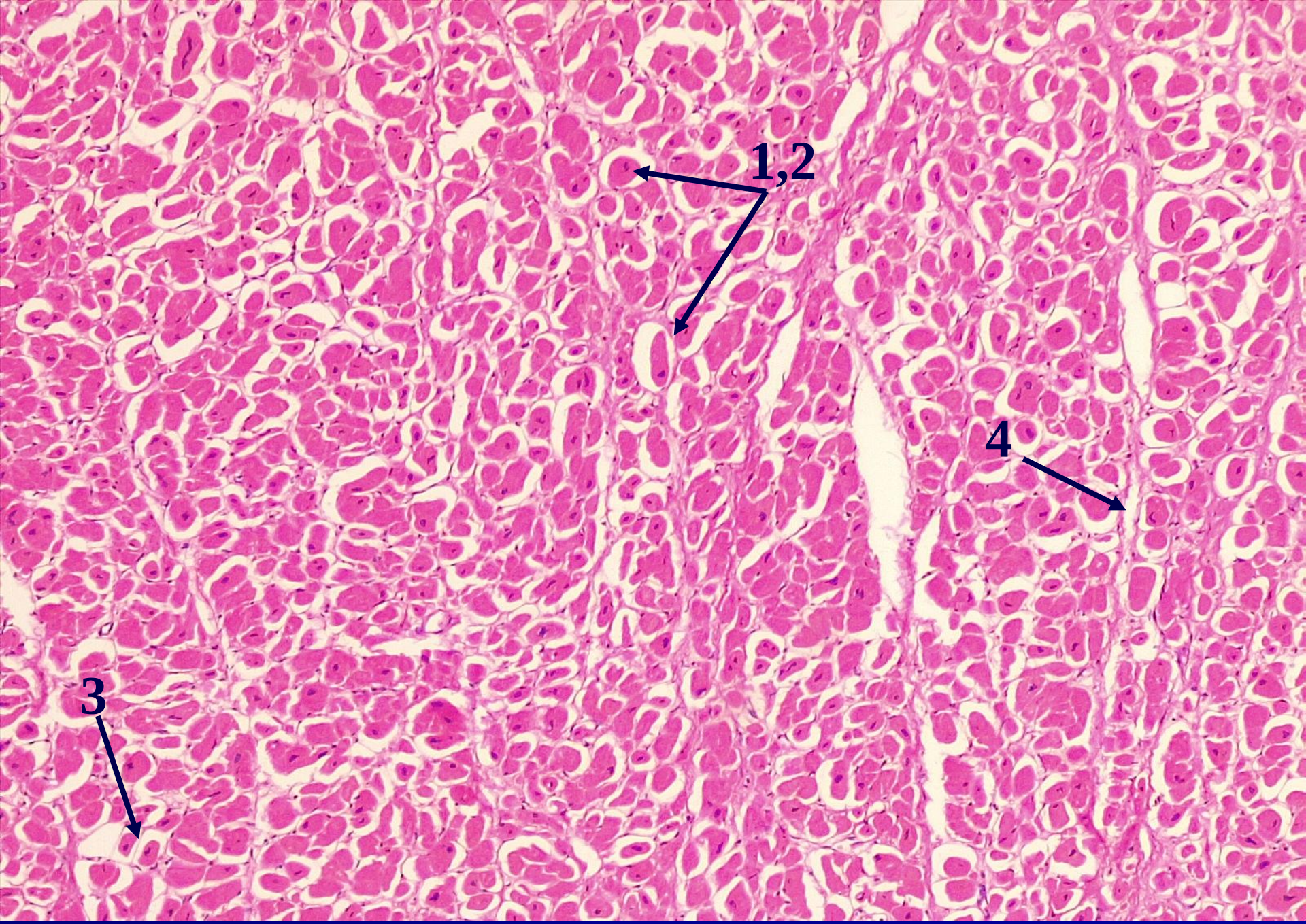
Hipertrofia ventriculului stîng al cordului.

concentrică

A

excentrică





№ 36. Hipertrofia compensatorie a miocardului. (*Coloraţie H-E).*