

Pigmentațiile endogene și exogene. Calcinoza patologică.

**Эндо- и экзогенные пигментации.
Патологический кальциноз.**

**Endogenous and exogenous pigments.
Pathological calcification.**

Tema: Pigmentațiile endogene și exogene. Calcinoza patologică.

I. Micropreparate:

№ 180. Hemosideroza rinichiului. (colorație H-E). Indicații:

1. Glomerul.
2. Granule de hemosiderină în citoplasma nefrocitelor tubilor contorți.
3. Granule de hemosiderină în lumenul tubului.
4. Tub nemodificat.

№ 135. Ficatul în icter mecanic. (colorație H-E). Indicații:

1. Ducturi biliare dilatate, umplute cu pigmenți biliari.
2. Acumulări de bilă în lumenul capilarelor biliare intralobulare.
3. Granule de pigmenți biliari în citoplasma hepatocitelor.

№ 163. Metastază de melanom în rinichi. (colorație H-E). Indicații:

1. Nodul tumoral metastatic.
2. Celule tumorale cu granule de melanină.
3. Parenchimul renal adiacent atrofiat.

№ 197a. Calcinoza metastatică a miocardului. (colorație H-E). Indicații:

1. Depozite focale de săruri de calciu.
2. Miocardul adiacent.

II. Macropreparate:

№ 76. Calculi în vezica biliară.

№ 87. Calculi în bazinetul renal.

№ 75. Metastaze de melanom în ficat.

Тема: Эндо- и экзогенные пигментации. Патологический кальциноз.

I. Микропрепараты:

№ 180. Гемосидероз почки. (окраска Г-Э.). Обозначения:

1. Клубочек.
2. Гранулы гемосидерина в цитоплазме нефроцитов извитых канальцев.
3. Гранулы гемосидерина в просвете канальцев.
4. Неизмененный каналец.

№ 135. Печень при механической желтухе. (окраска Г-Э.). Обозначения:

1. Расширенные желчные протоки, заполненные густой желчью.
2. Сгустки желчи в просвете внутريدольковых желчных капилляров.
3. Зерна желчных пигментов в цитоплазме печеночных клеток.

№ 163. Метастаз меланомы в почке. (окраска Г-Э.). Обозначения:

1. Опухолевый узел: опухолевые клетки, содержащие зерна меланина.
2. Прилежащая ткань почки с дистрофическими изменениями.

№ 197а. Метастатический кальциноз сердца. (окраска Г-Э.). Обозначения:

1. Очаговые отложения солей кальция.
2. Прилежающий миокард.

II. Макропрепараты:

№ 76. Камни желчного пузыря.

№ 87. Камни почечной лоханки.

№ 75. Метастазы меланомы в печени.

Endogenous and exogenous pigments. Pathological calcification.

I. Microspecimens:

№ 180. Renal hemosiderosis. (*H-E. stain*). Indications:

1. Glomerulus.
2. Hemosiderin granules in the cytoplasm of nephrocytes.
3. Hemosiderin granules in the lumen of the tubule.
4. Unchanged tubule.

№ 135. Obstructive jaundice of the liver. (*H-E. stain*). Indications:

1. Dilated bile ducts filled with bile pigments.
2. Accumulation of bile into the lumen of the intralobular bile capillaries.
3. Granules of bile pigment in the cytoplasm of hepatocytes.

№ 163. Metastasis of melanoma into kidney. (*H-E. stain*). Indications:

1. Metastatic tumor node.
2. Tumor cells with melanin granules.
3. Atrophied adjacent renal parenchyma.

№ 197a. Metastatic calcinosis of the myocardium. (*H-E. stain*). Indications:

1. Focal deposits of calcium salts.
2. Adjacent myocardium.

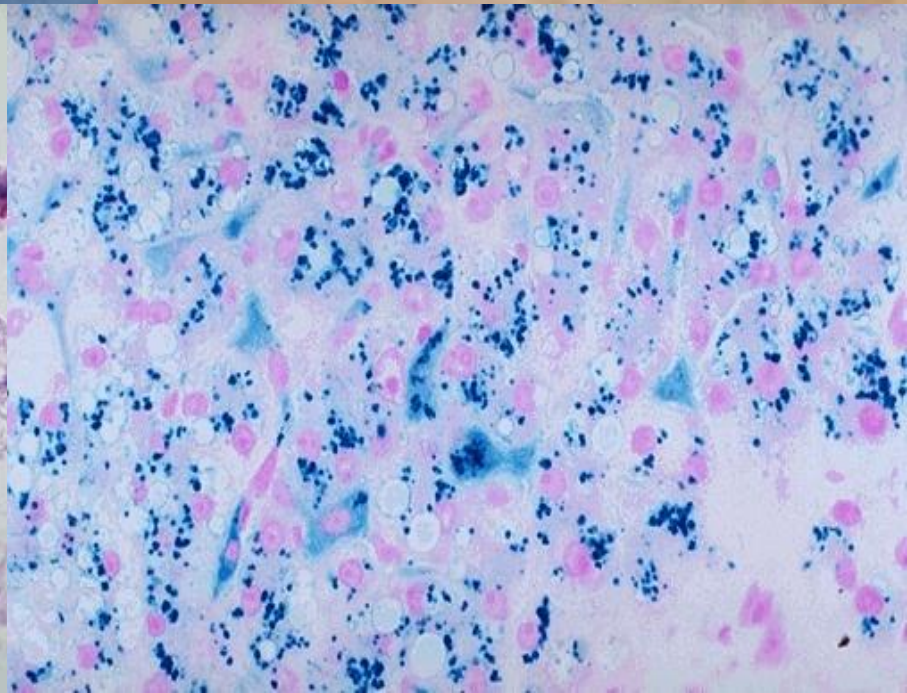
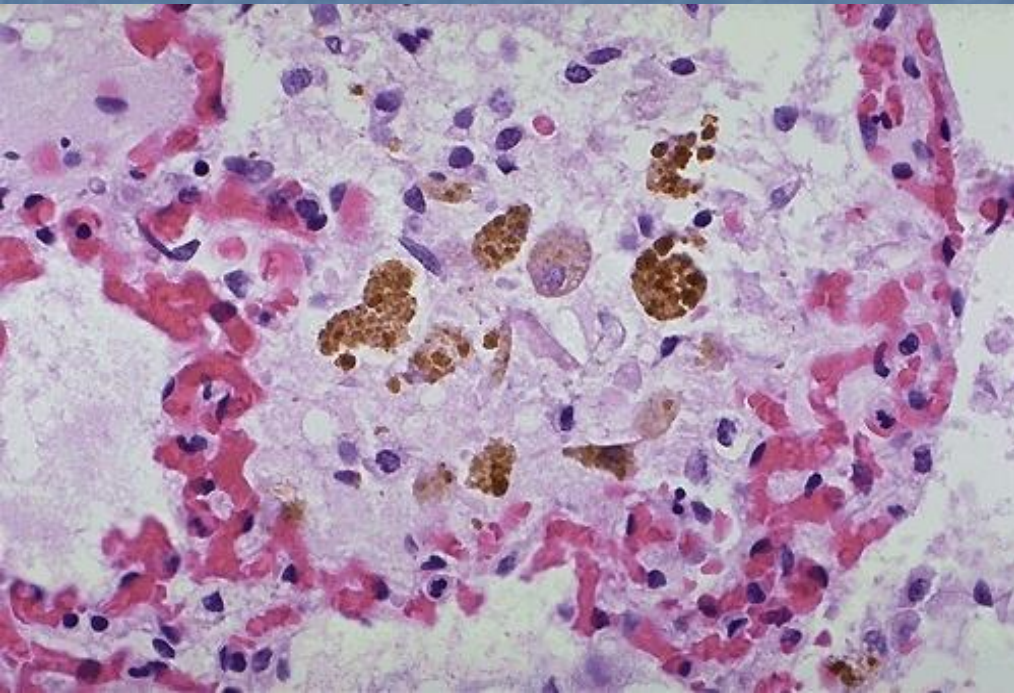
II. Macrospecimens:

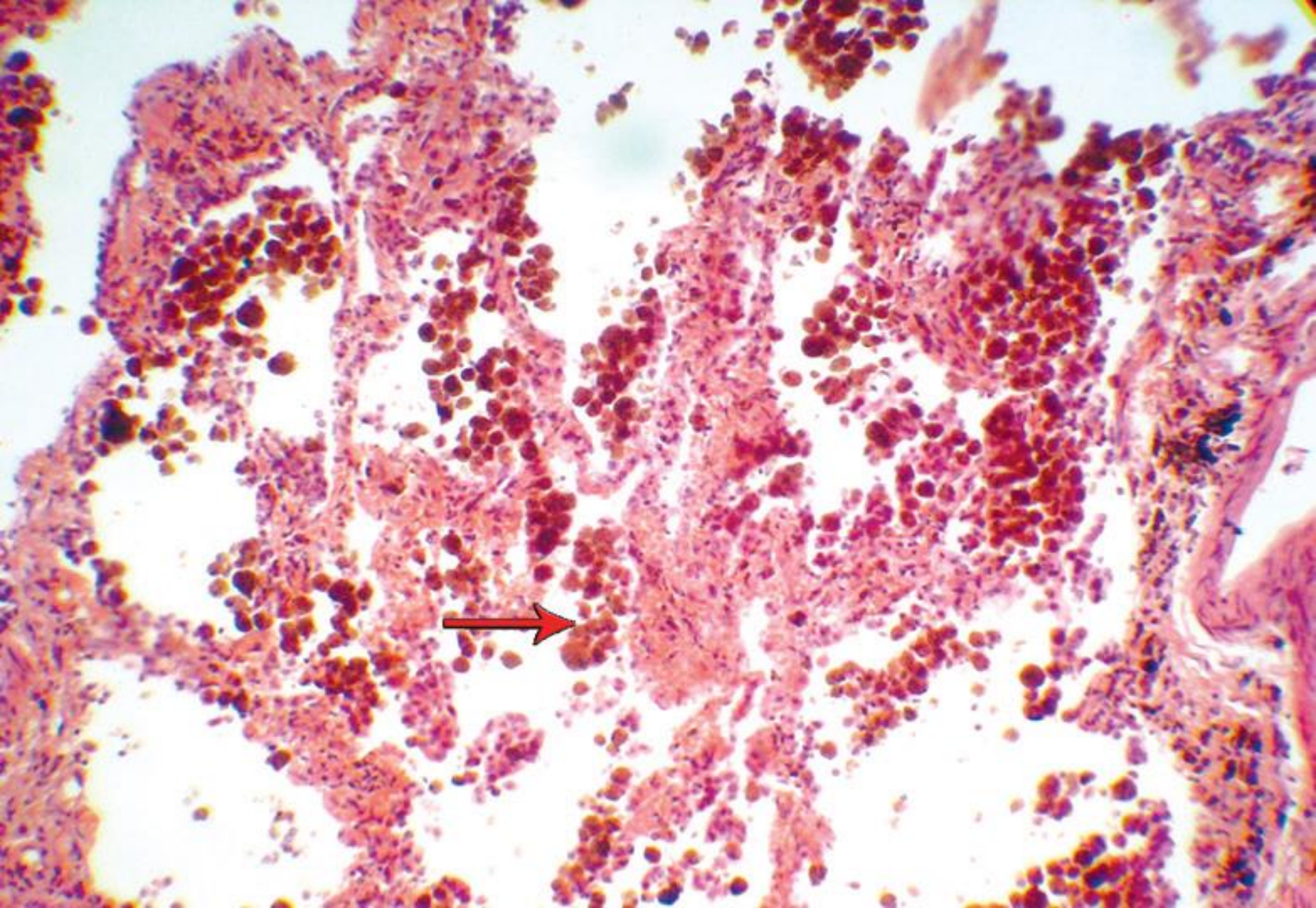
№ 76. Biliary calculi.

№ 87. Renal calculi.

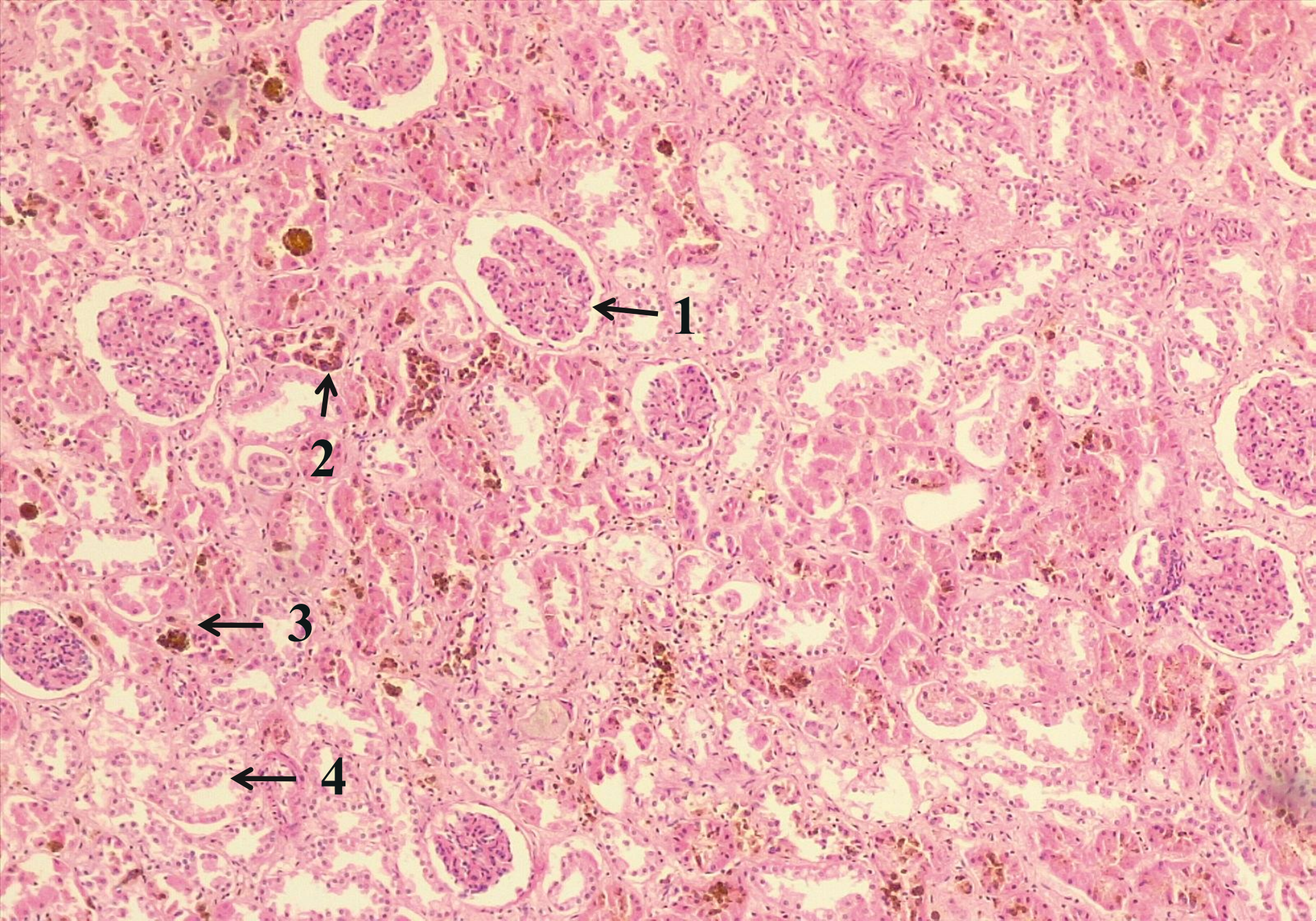
№ 75. Metastases of melanoma into liver.

Hemosiderina.

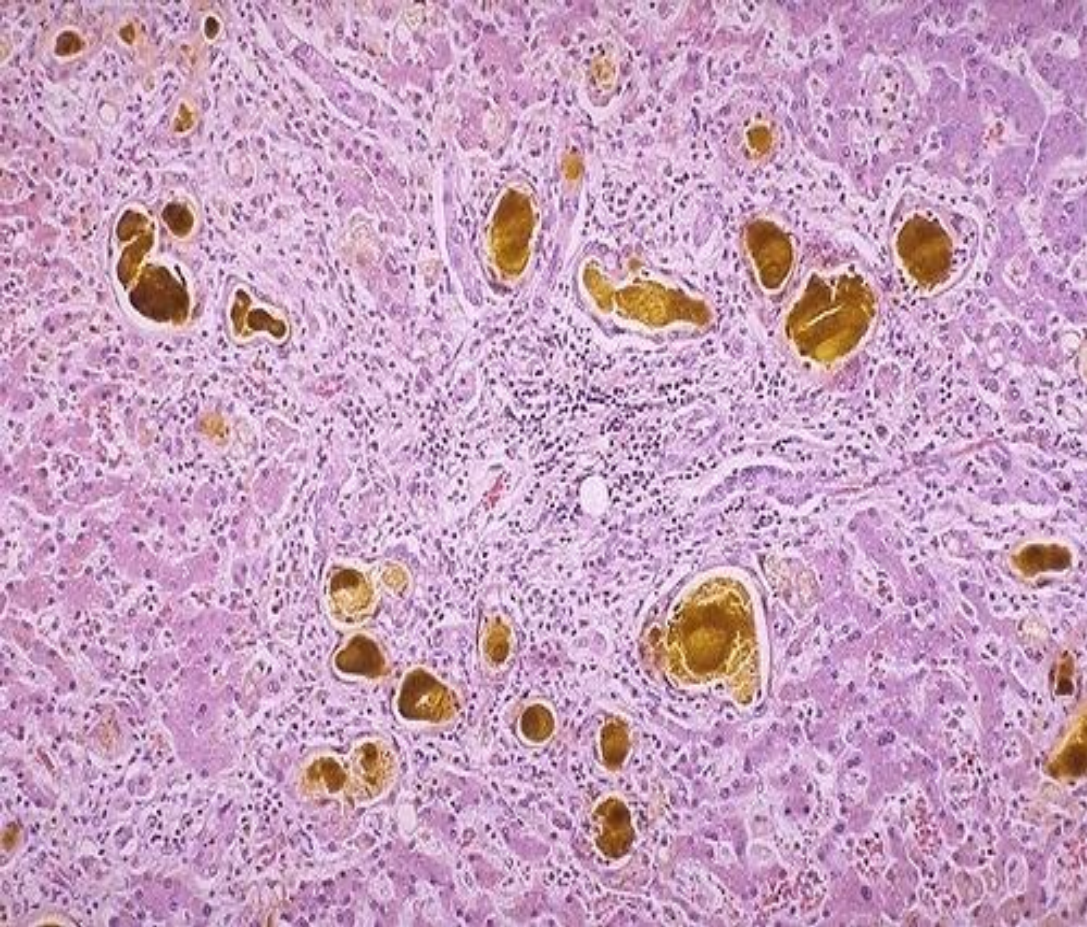




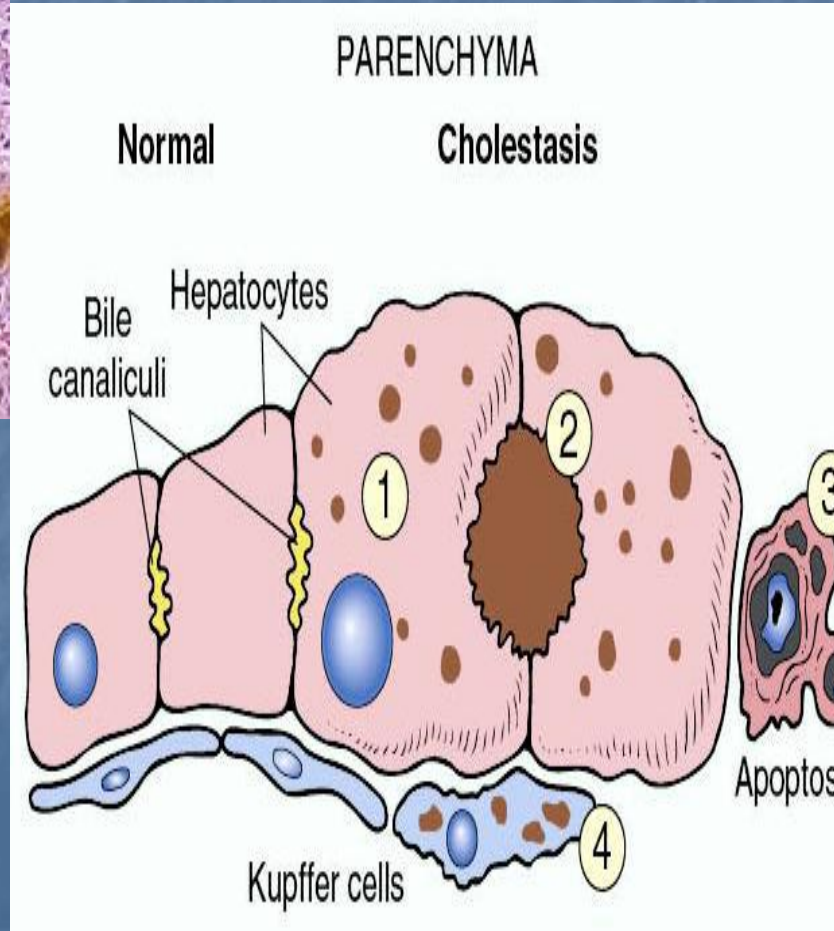
Hemosideroză pulmonară.

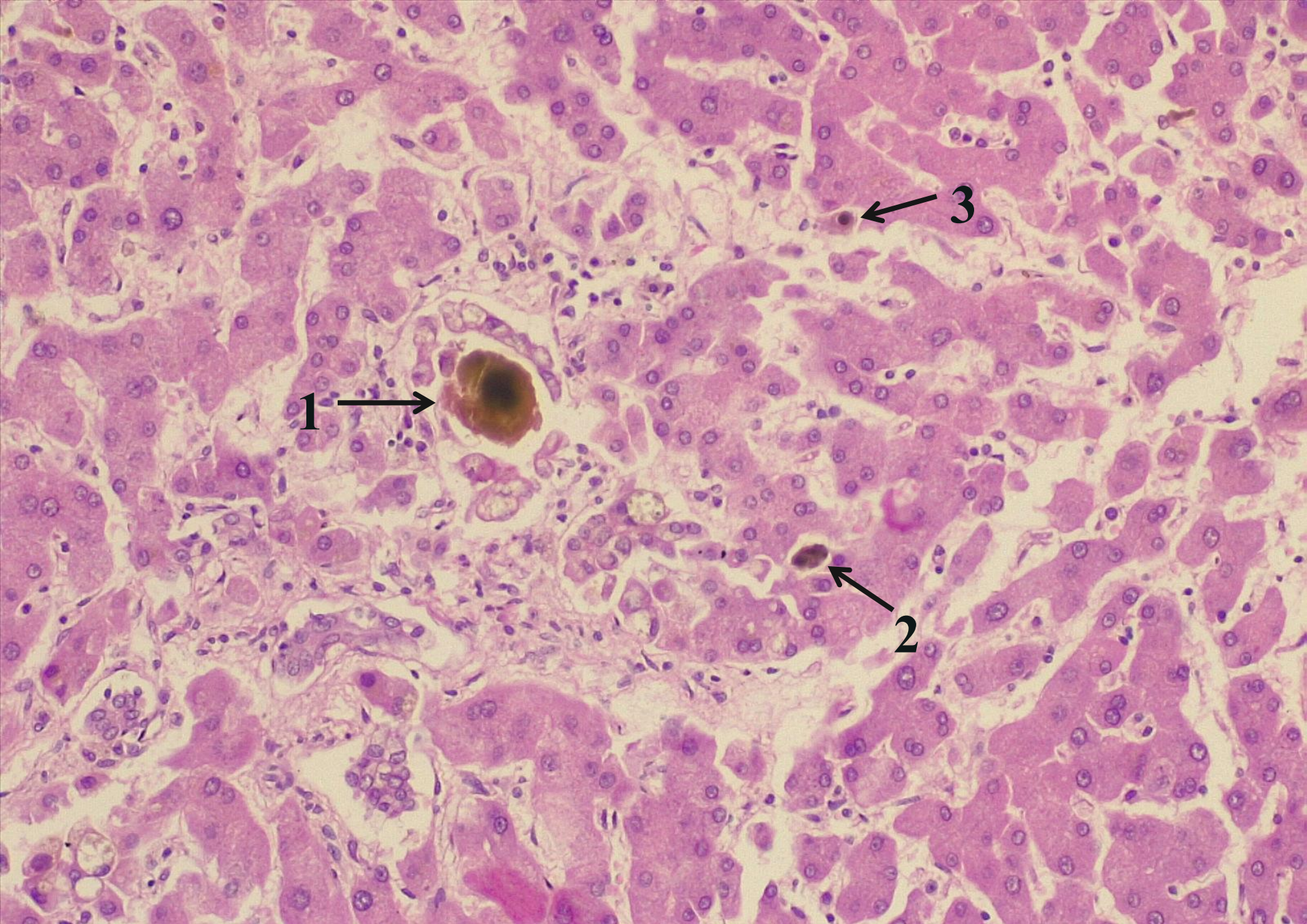


№ 180. Hemosideroza rinichiului. (colorație H-E.).



Bilirubina



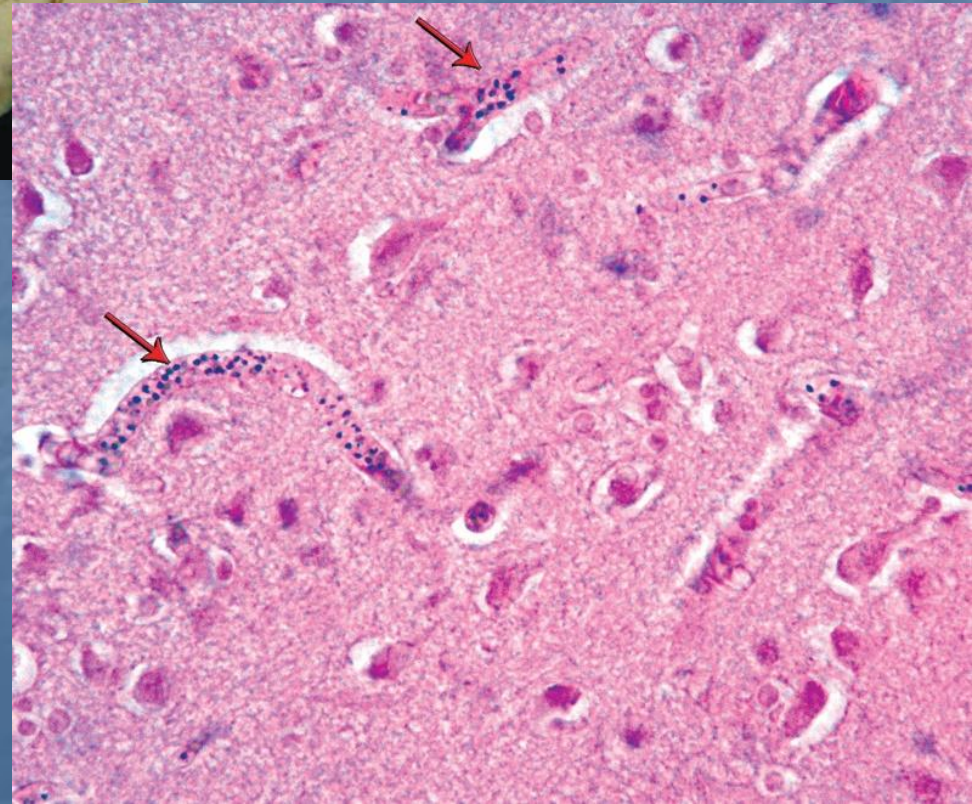


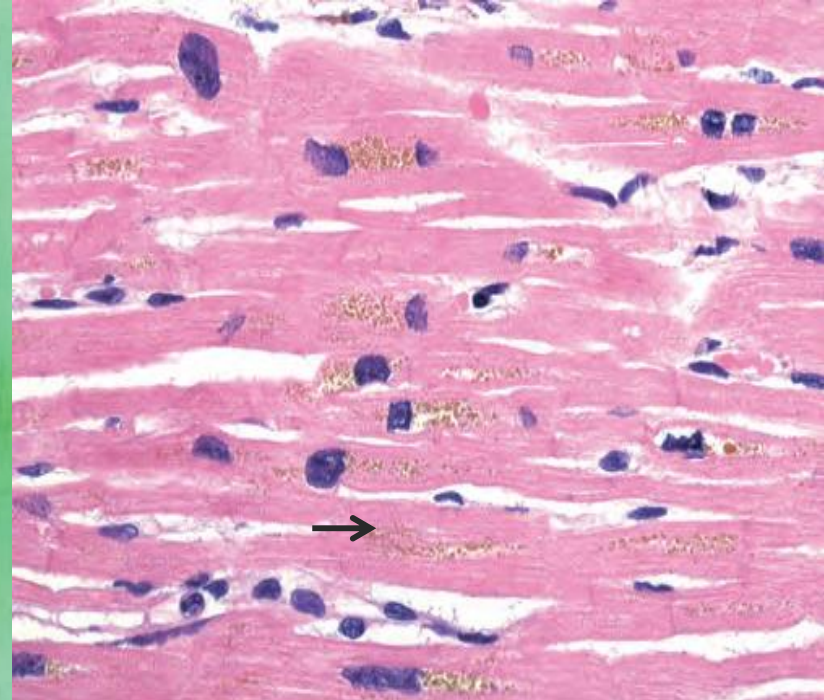
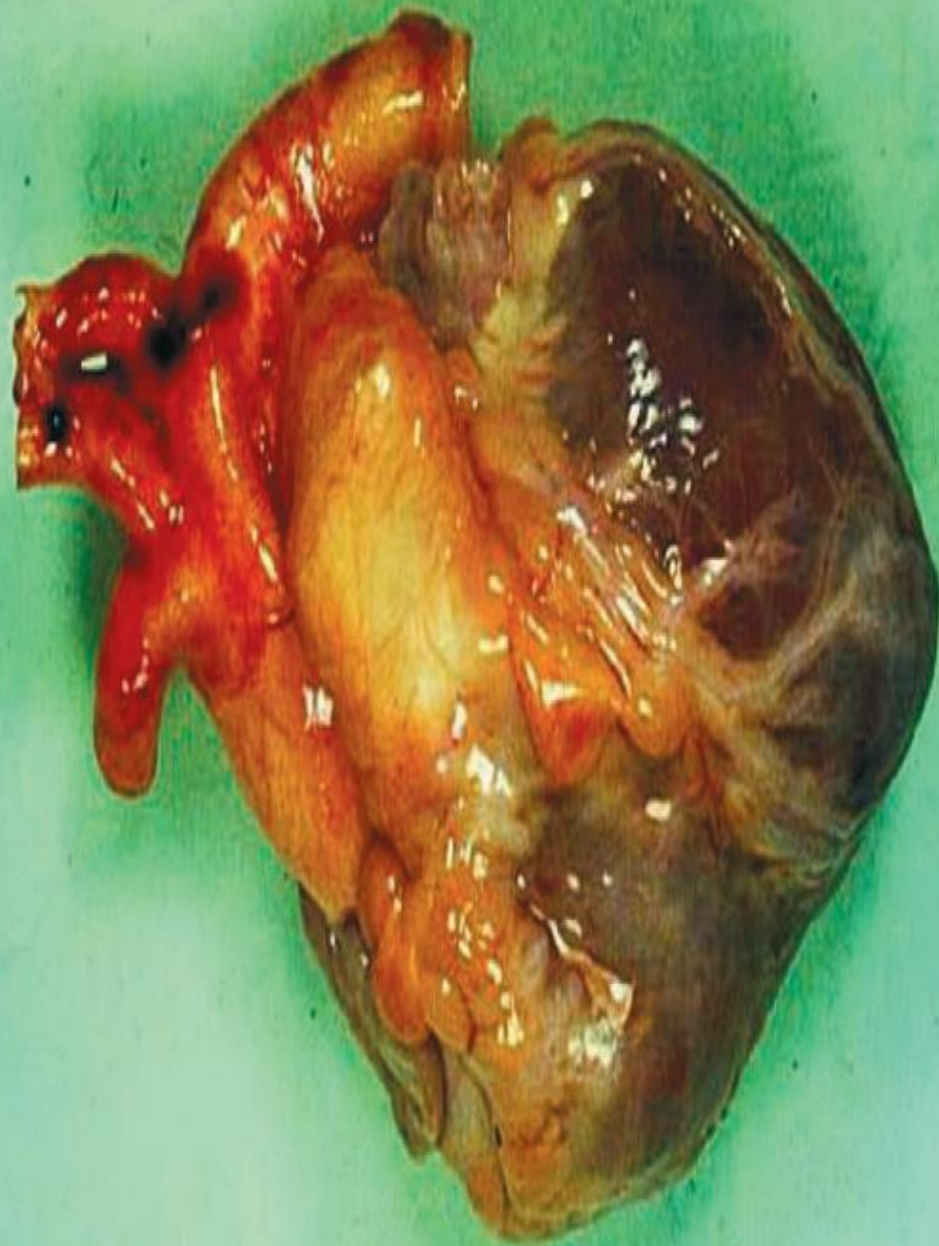
№ 135. Ficatul în icter mecanic. (colorație H-E.).



**Hemomelanoza
creierului
în malarie.**

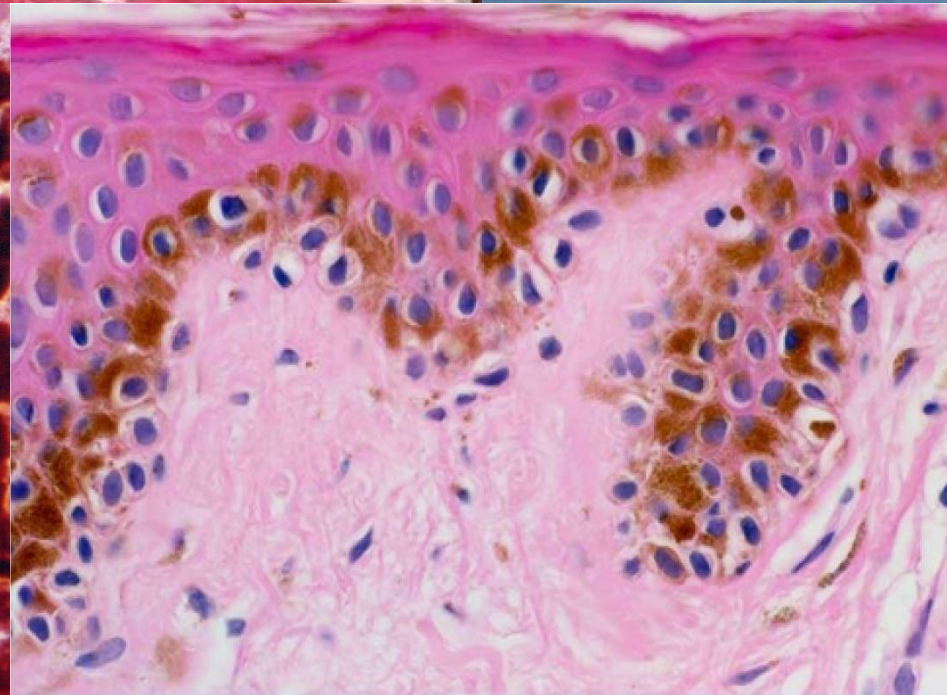
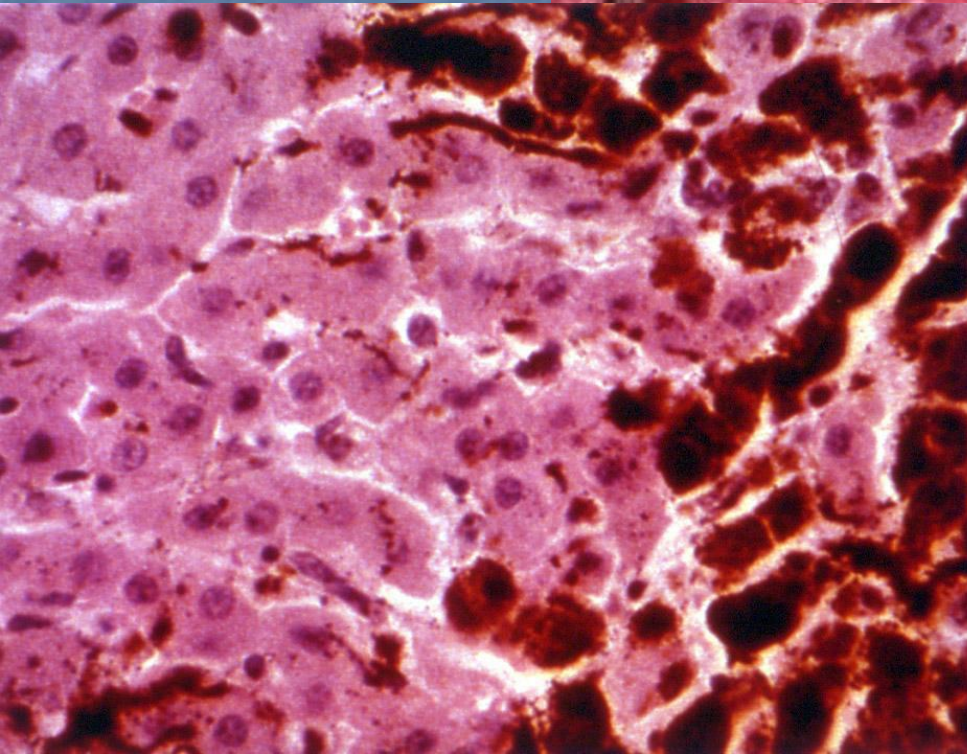
**Hematină clorhidrică
pe fundul eroziunilor
mucoasei gastrice.**



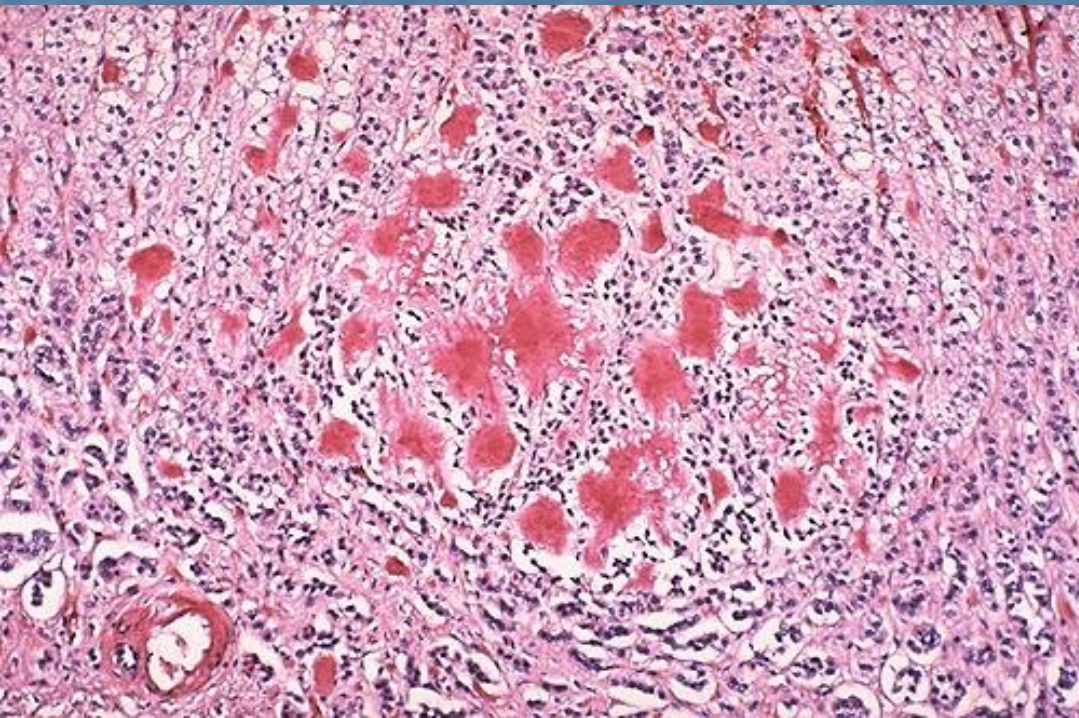
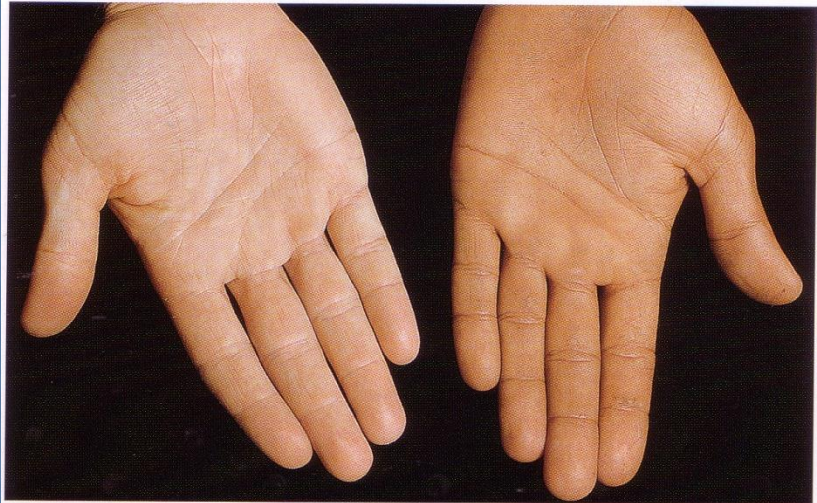
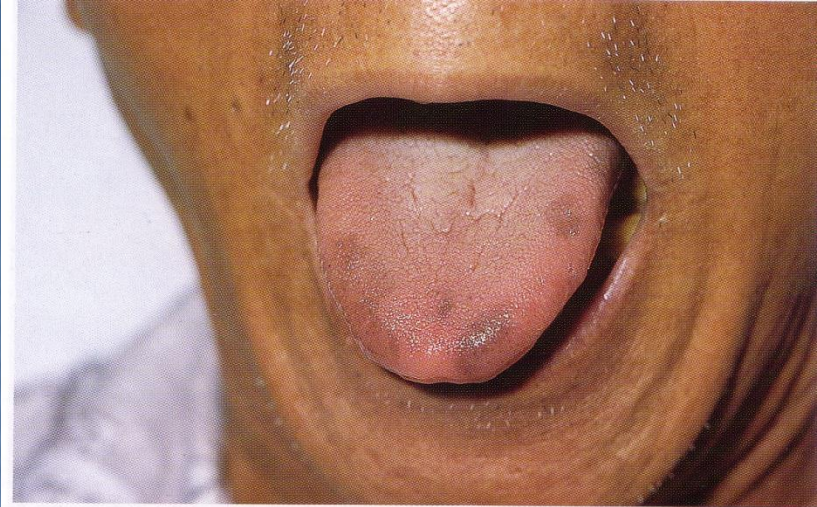


**Atrofia brună a
inimii.**

Melanina / Melanoza



Hipermelanoza pielii

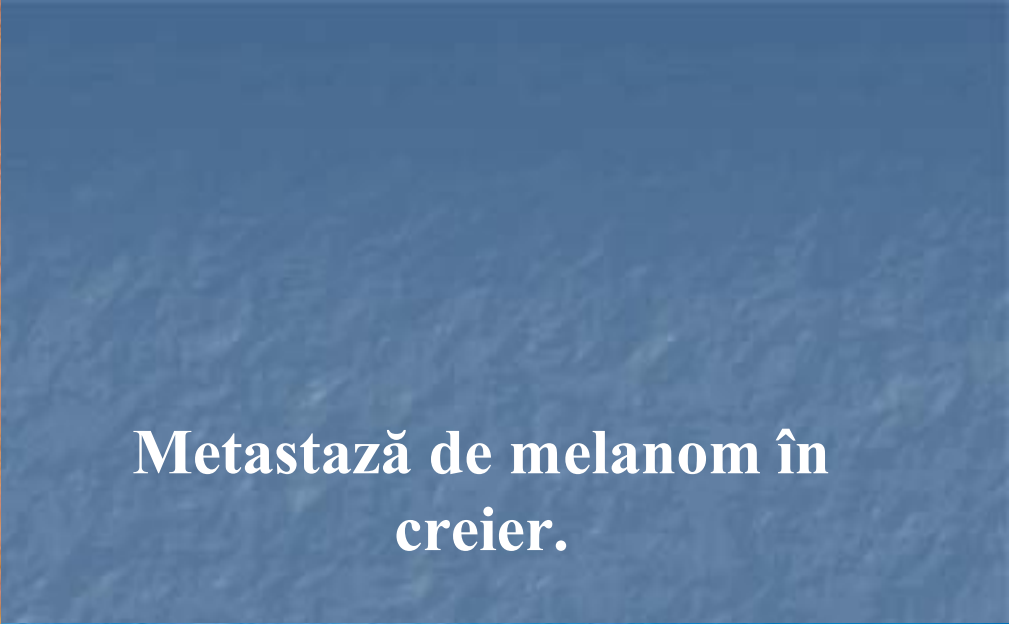


**Tuberculoza (*necroză cazeoasă*) și
amiloidoza (*roșu de Congo*) a
suprarenalelor.**

Clinic – boala Addison.

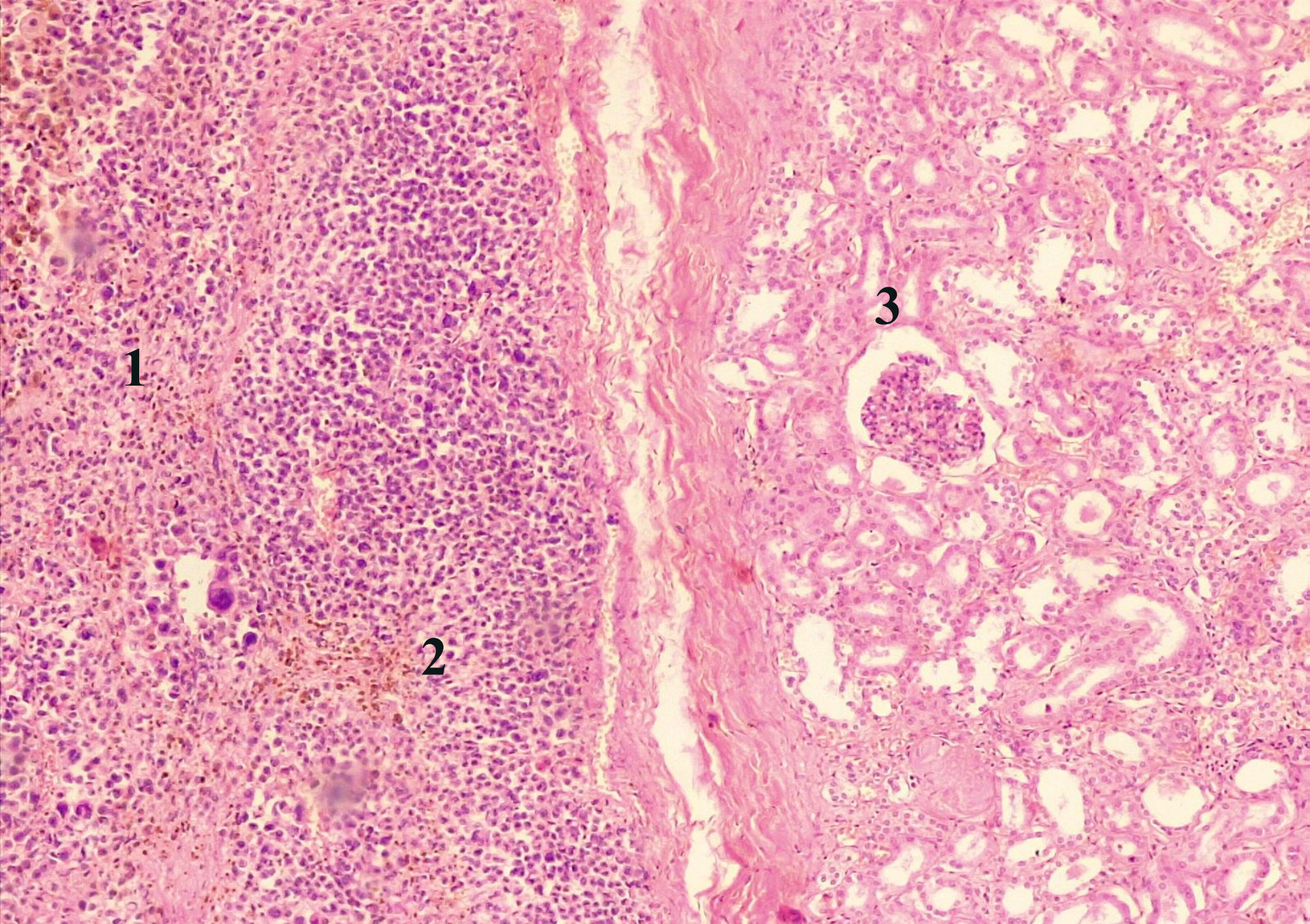


Nev pigmentar.



Metastază de melanom în creier.



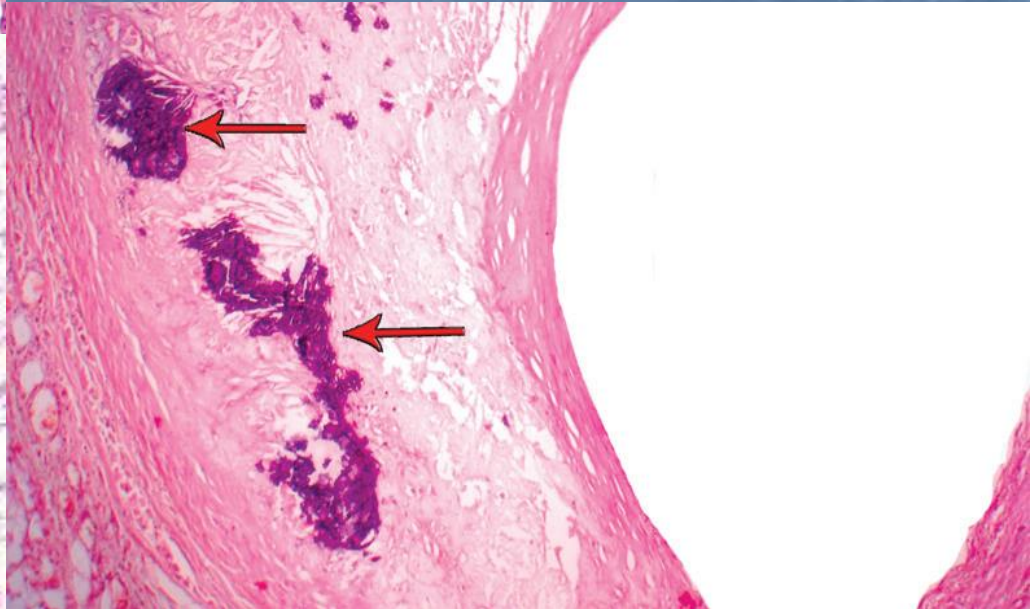
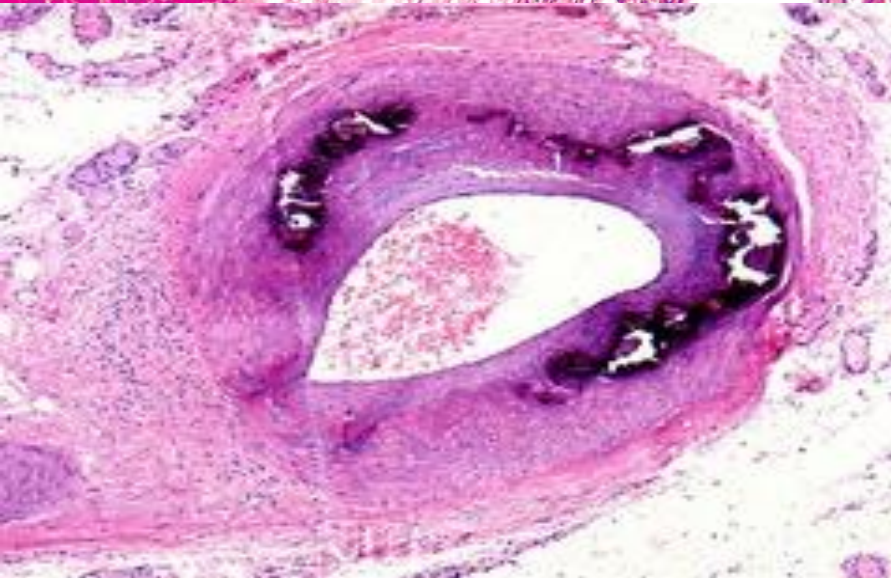
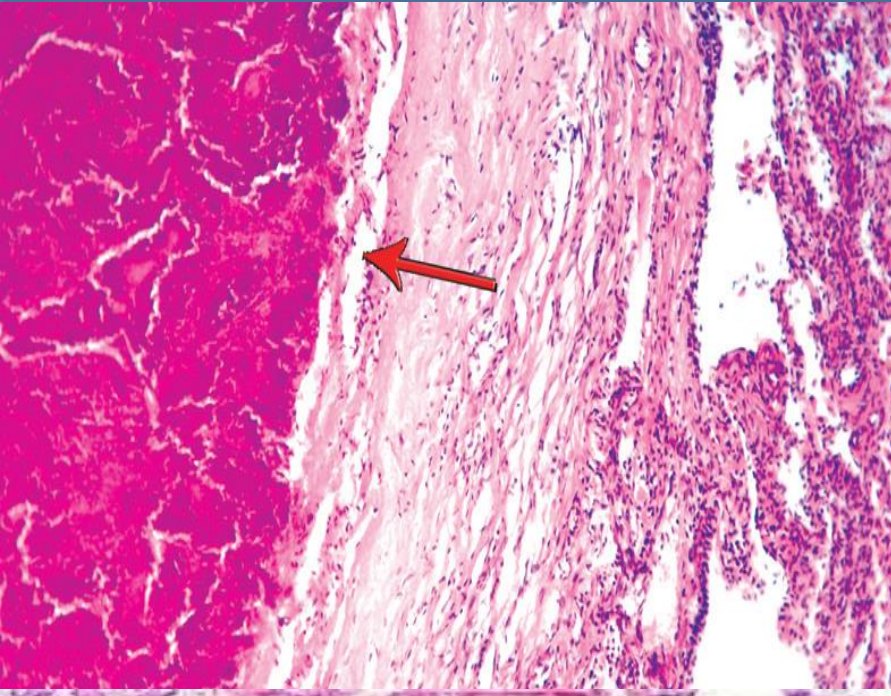


№ 163. Metastază de melanom în rinichi. (colorație H-E).

Calcinoza distrofică

Țesut pulmonar.

Artera coronară în
ateroscleroză.



Calcinoza distrofică

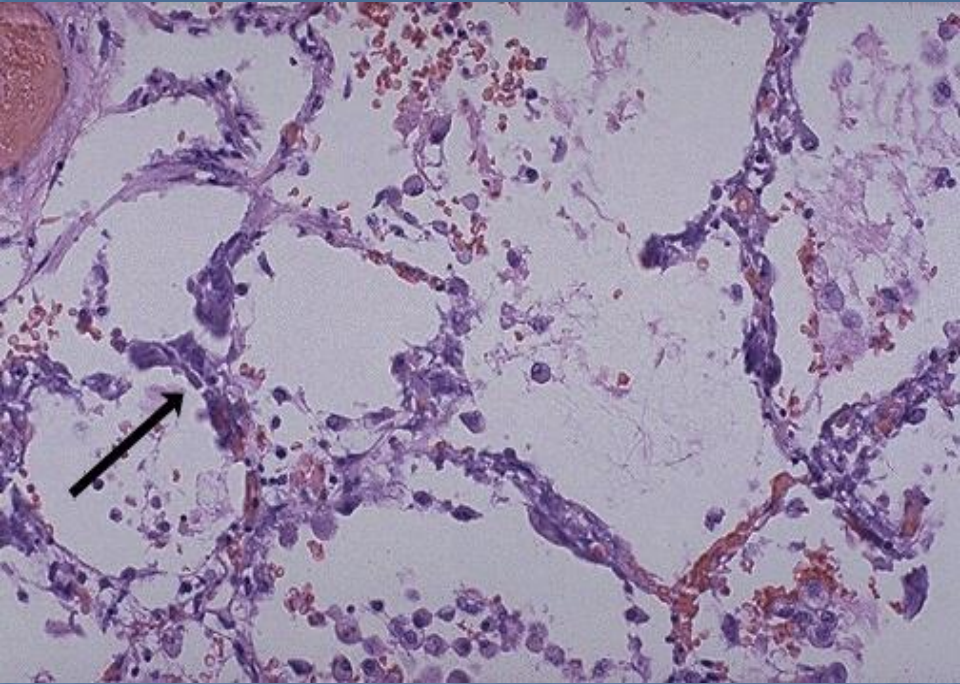


LITOPEDION - în care calcificarea unui fătului mort este aproape completă.

Calcinoza valvei aortice.

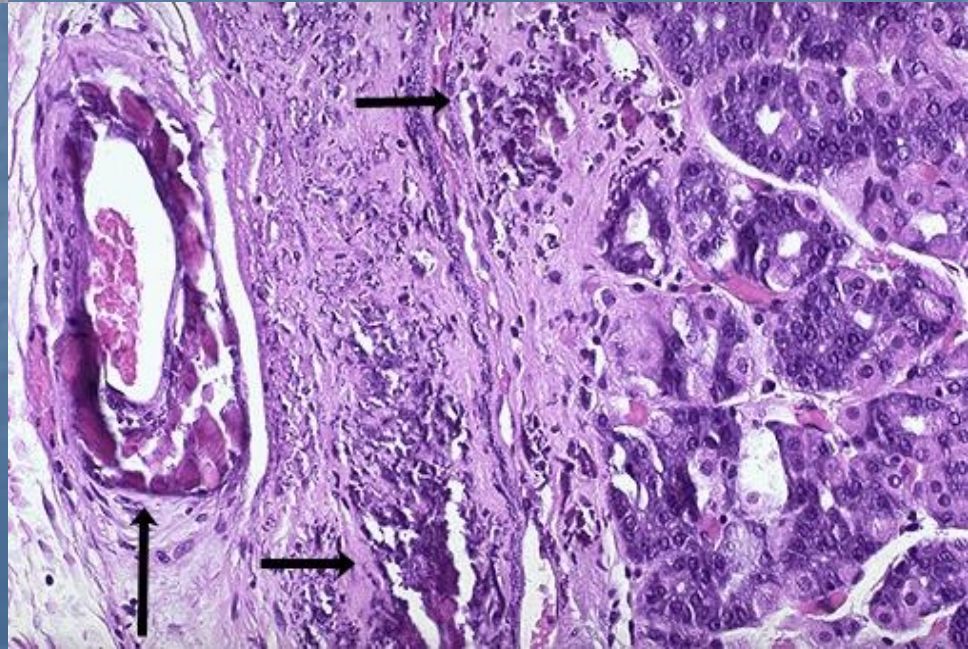


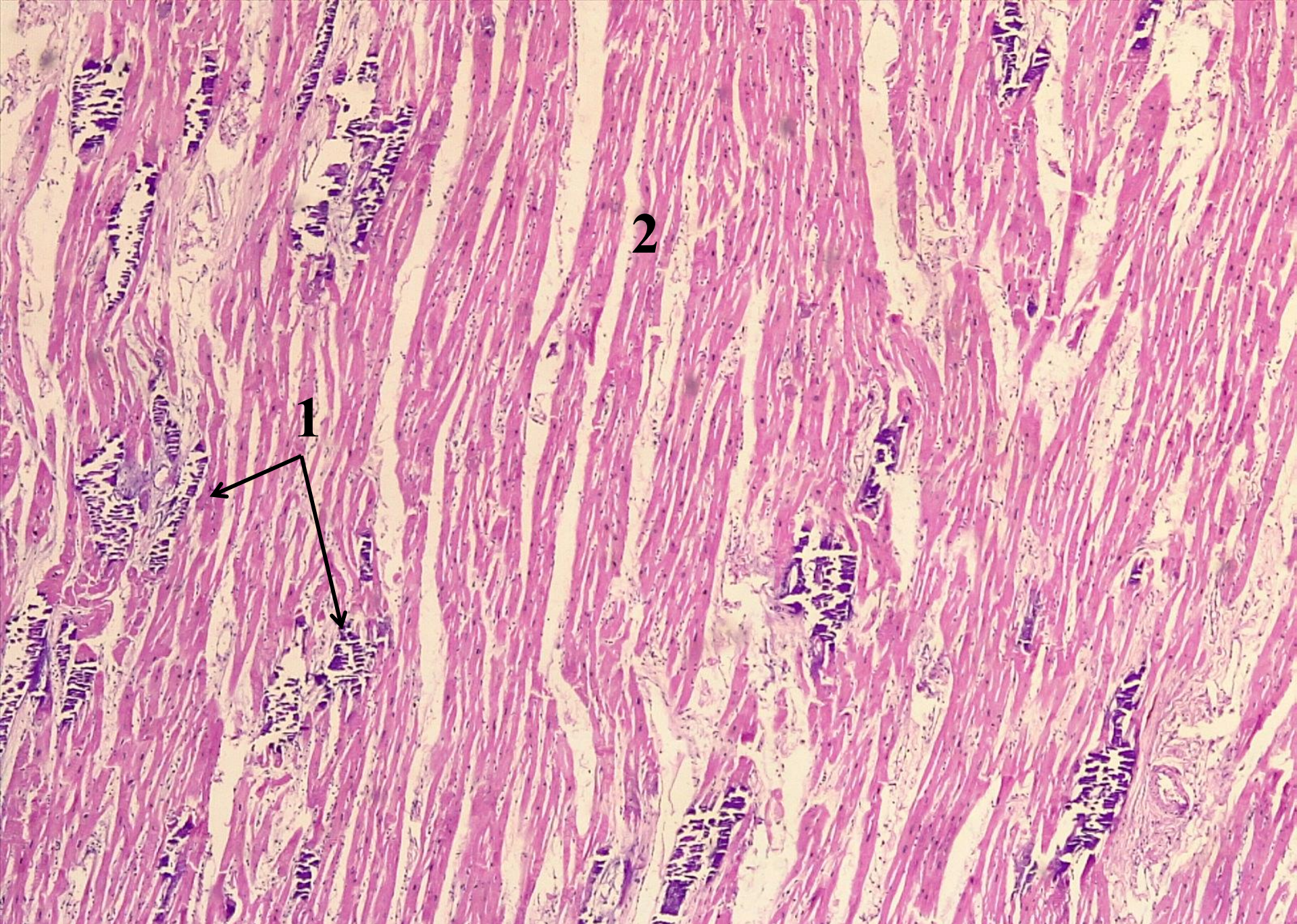
Calcinoza metastatică



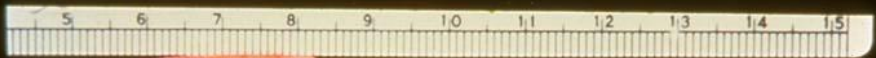
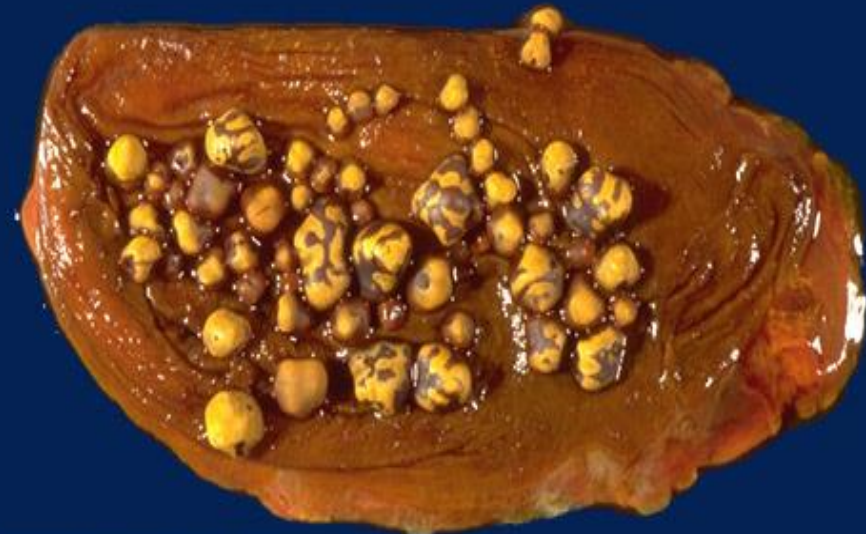
Stomac.

Țesut pulmonar.

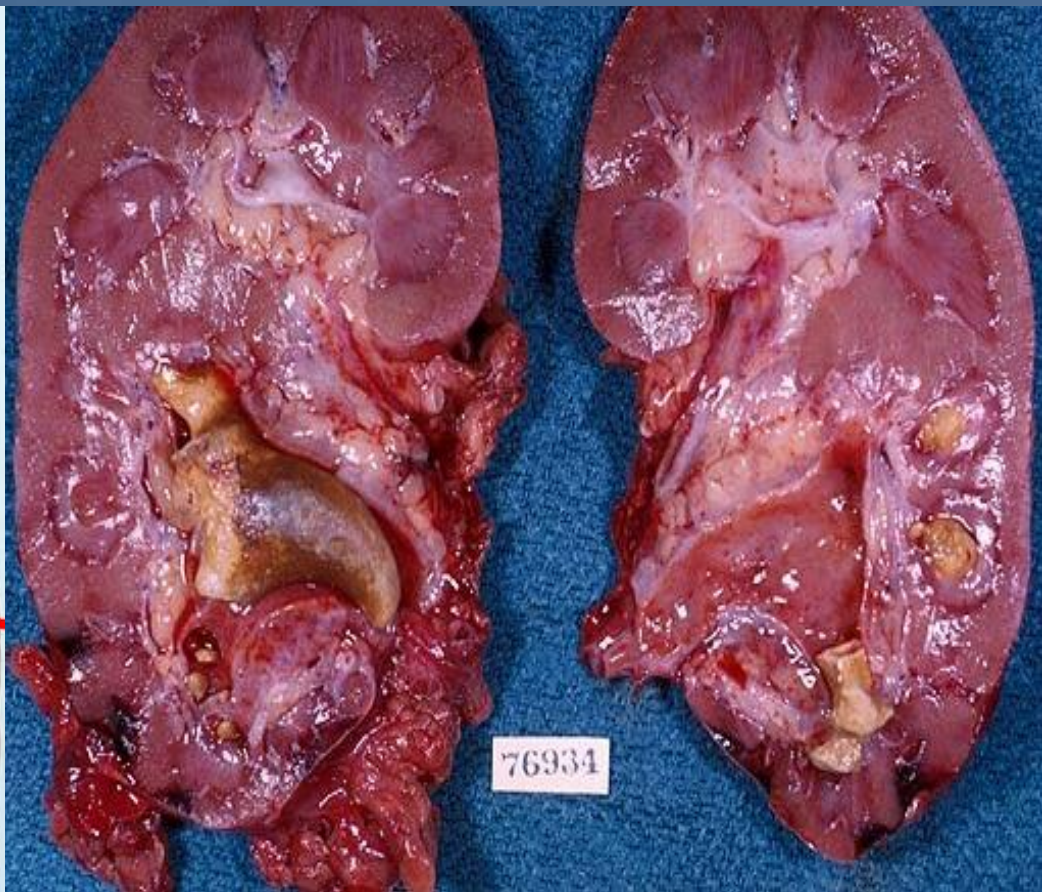
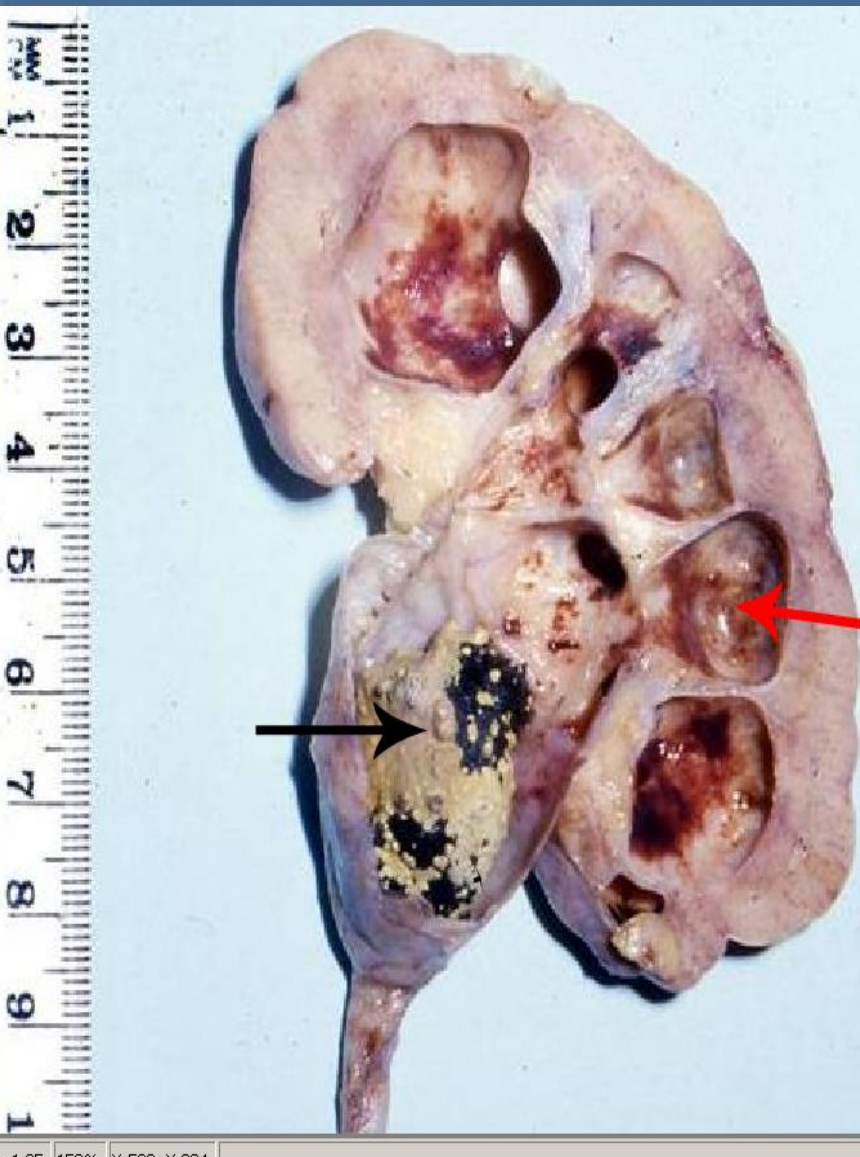




№ 197a. Calcinoza metastatică a miocardului. (*colorație H-E.*)



Calculi în vezicula biliară.



Calculi renali.