

Analyse pigmenten

Rondzending weefselspecifiek 2015.1
SKML

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Pigmenten

Wat is pigment?

Een stof/materiaal dat in zijn natuurlijke staat een kleur heeft.

Er zijn geen aanvullende kleuringen nodig om pigment zichtbaar te maken. Pigment is niet oplosbaar in water.

- Exogeen: buiten het lichaam gemaakt en vervolgens in het lichaam terecht gekomen (geïnhaleerd, geïnjecteerd, oraal) en als zodanig herkenbaar.
- Endogeen: in het lichaam gemaakt vanuit niet gepigmenteerde ingrediënten.

Exogeen

Lipochromen / carotenoiden: pigment oplosbaar in vet



Mineralen

LOOD



ZILVER

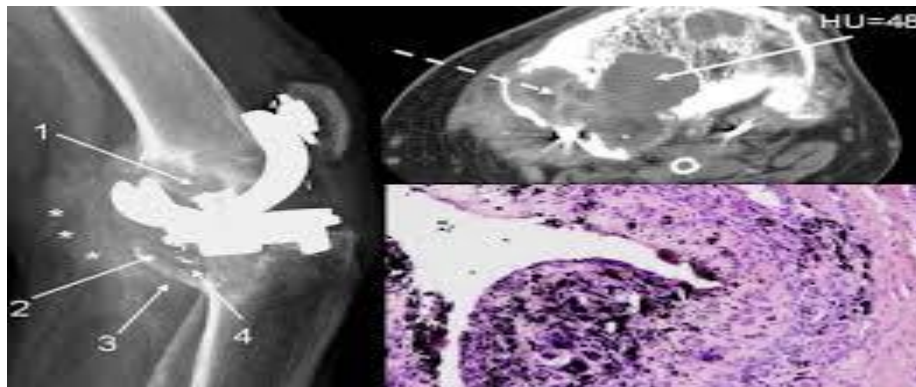
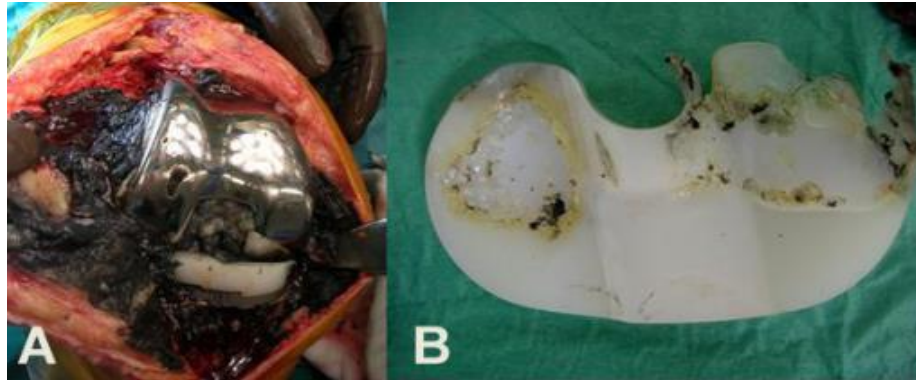


Tatoeage

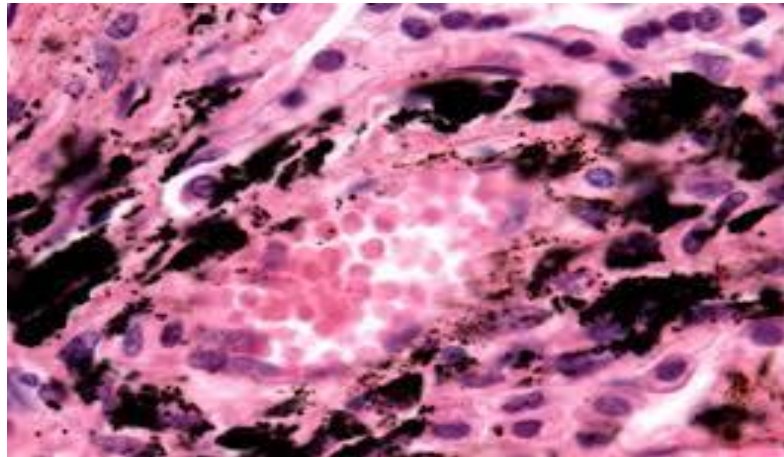


Metallose

(bij kunstgewrichten: knie, heup)



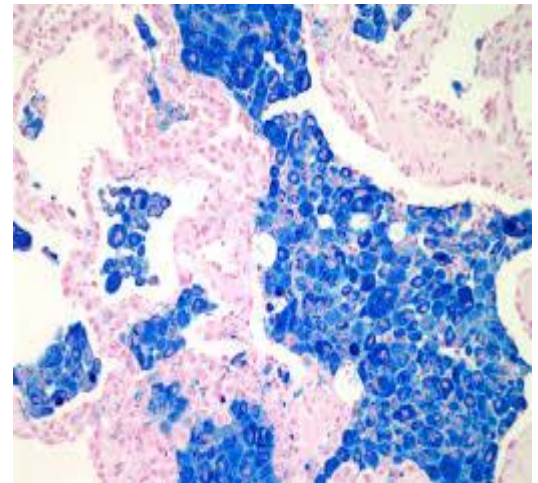
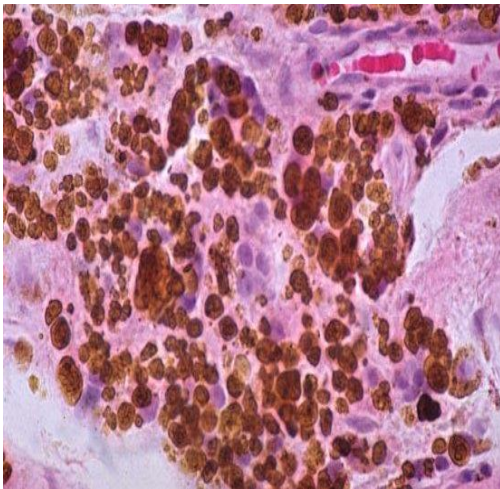
Koolstof: antracose



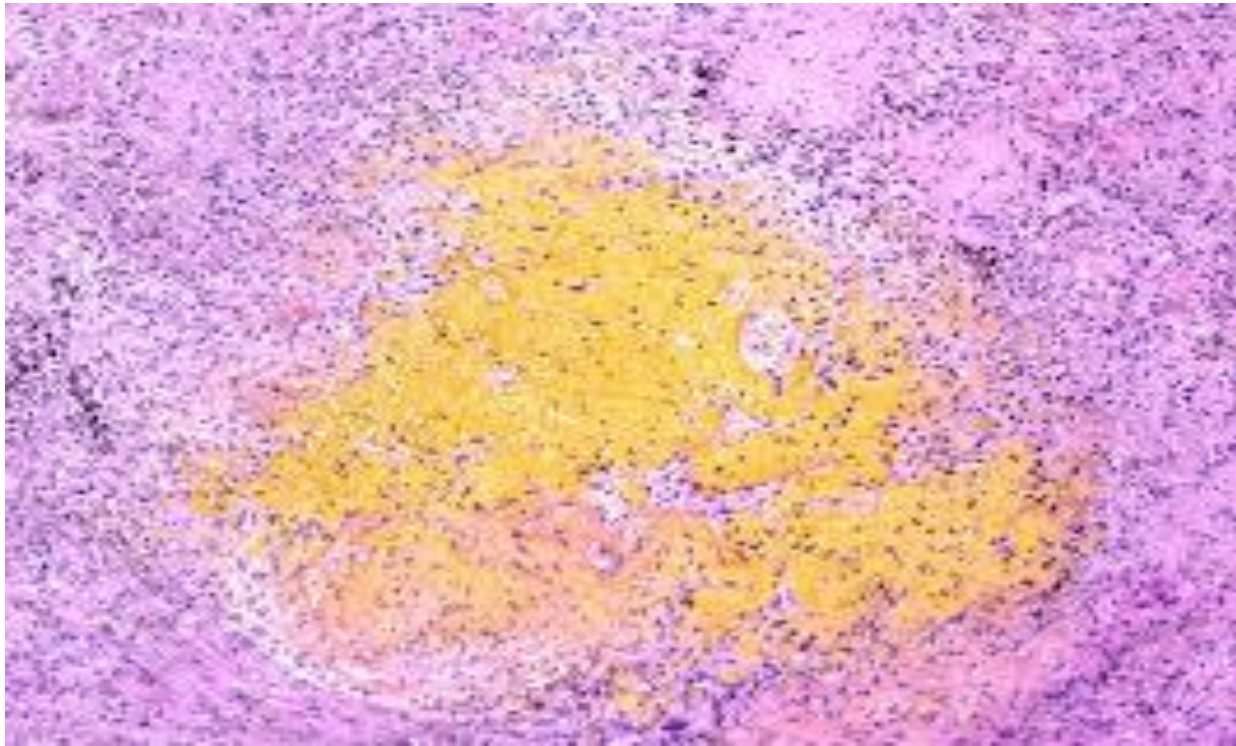
Endogeen

Bloedafbraakprodukten:

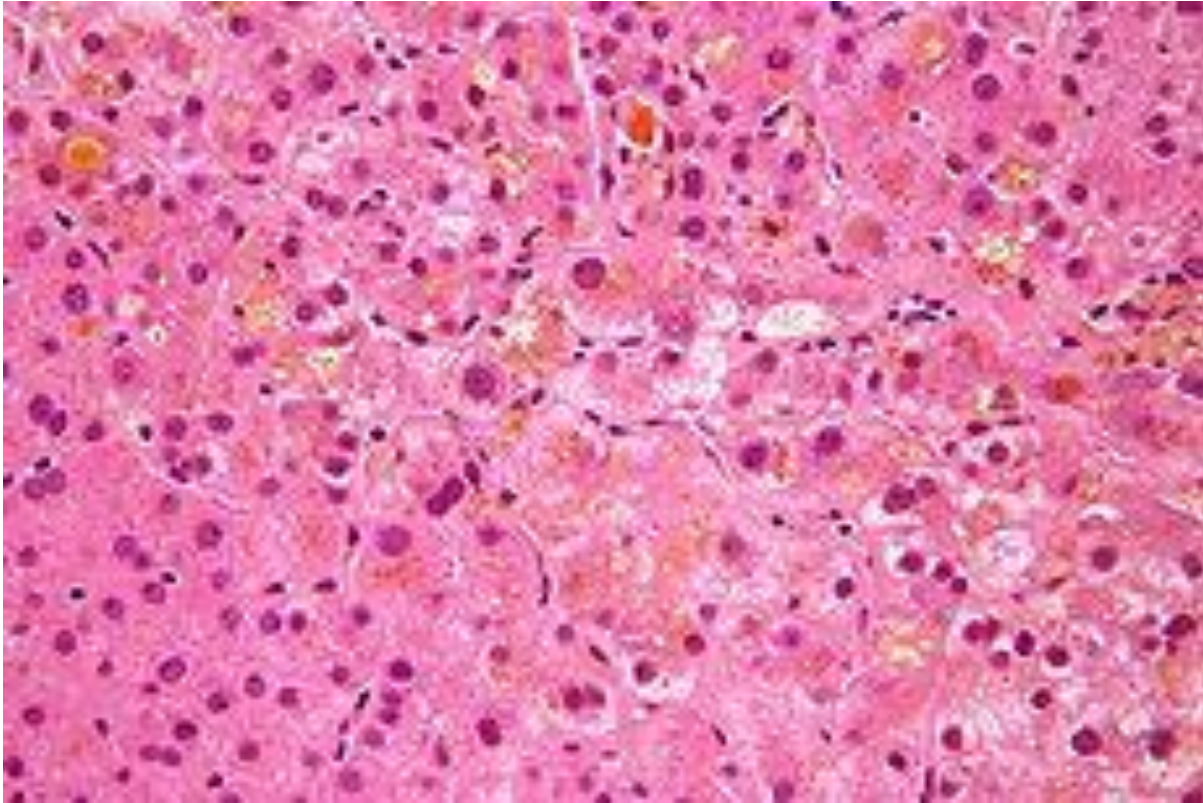
Hemosiderine



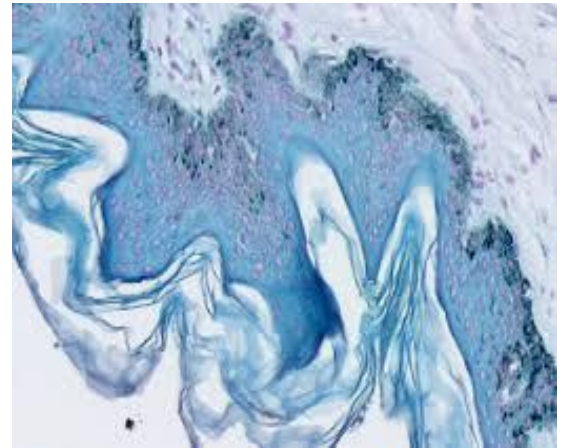
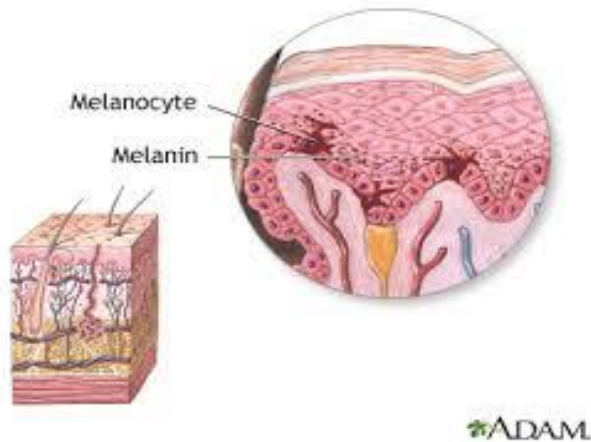
Hematoidine



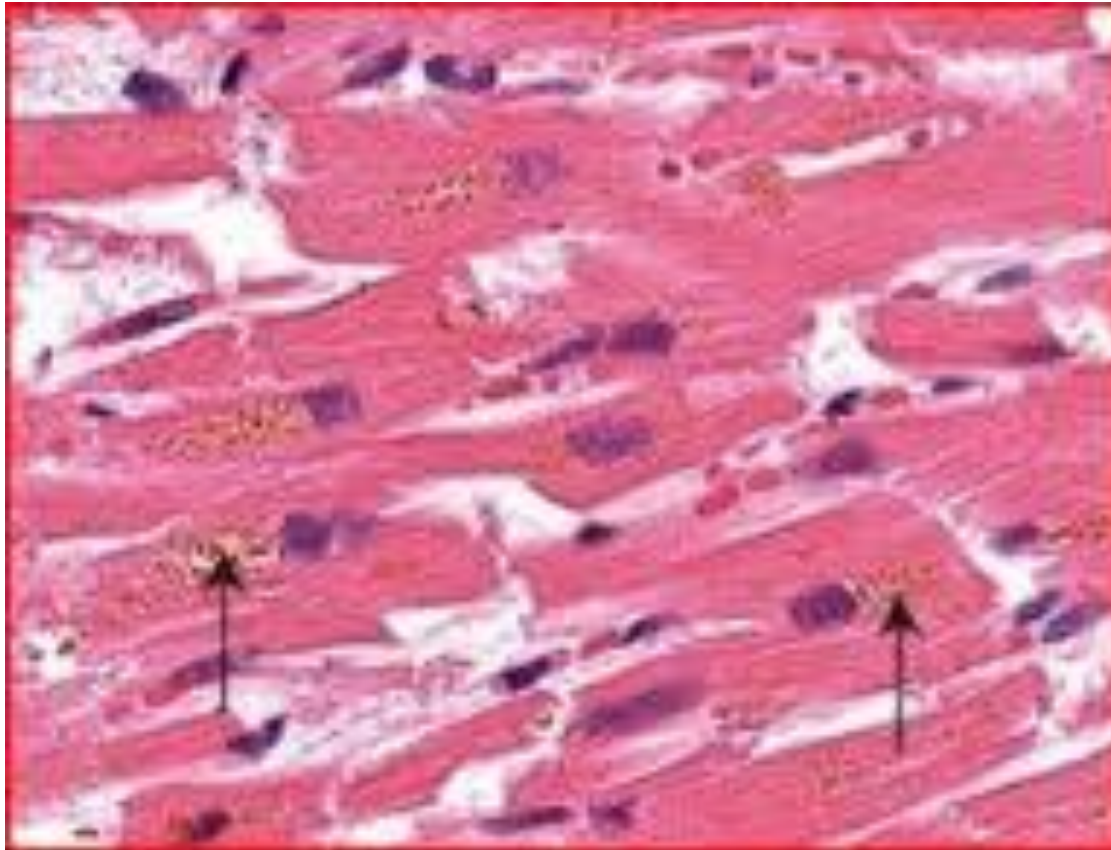
Gal



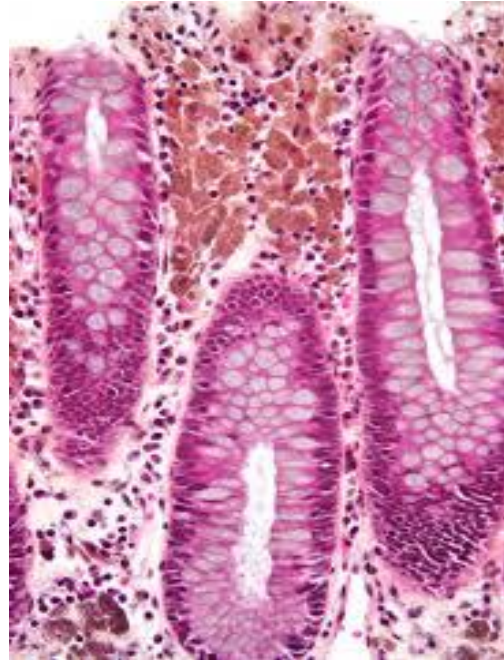
Melanine



Lipofuscline (fuscus = bruin)



Pseudomelanine



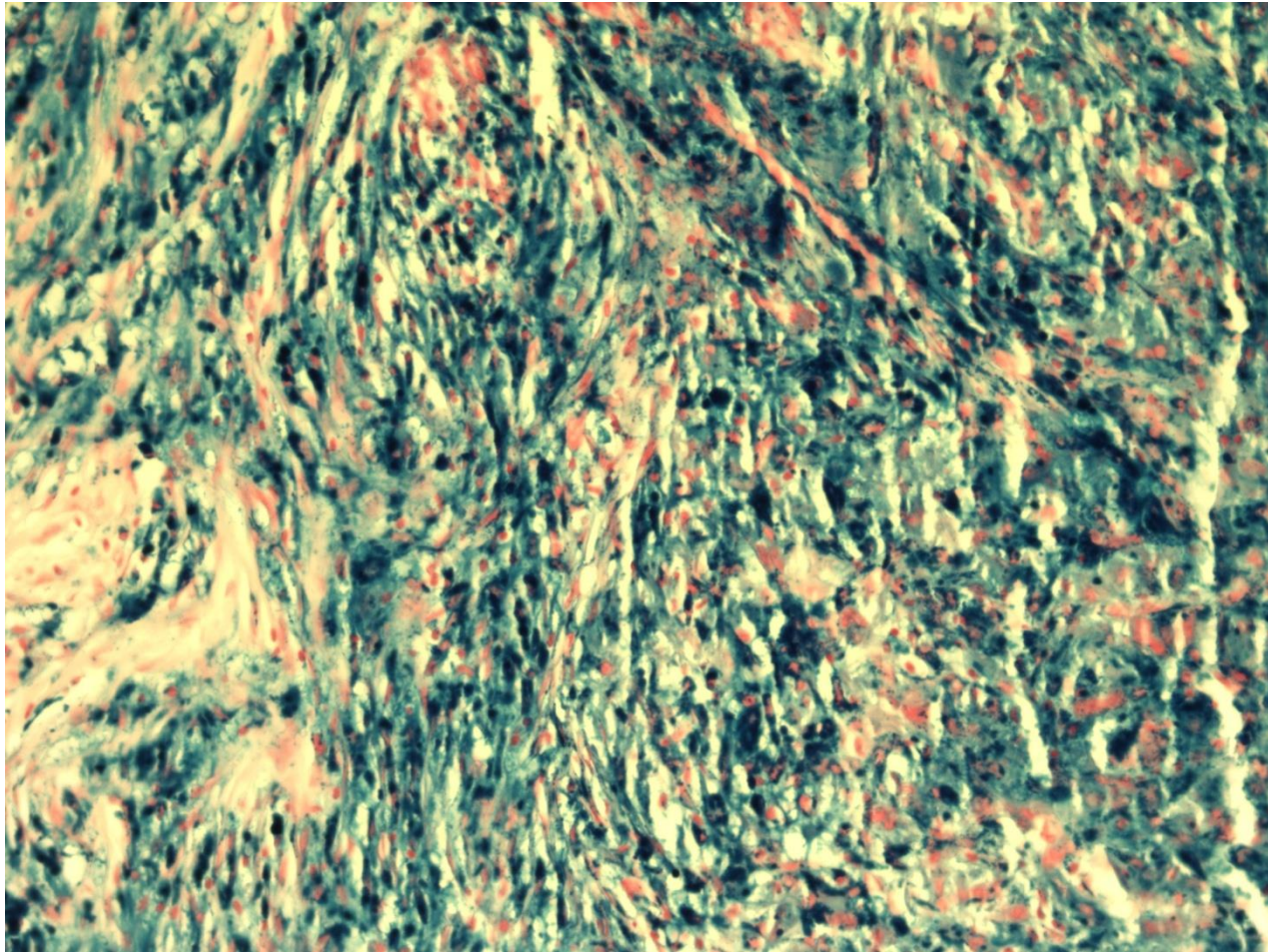
- Koper stapeling
- IJzer stapeling

Positie weefsels op glaasje
Weefsel Specifiek 2015.1 / WSPEC 2015.1
Melanine kleuring, IJzer kleuring

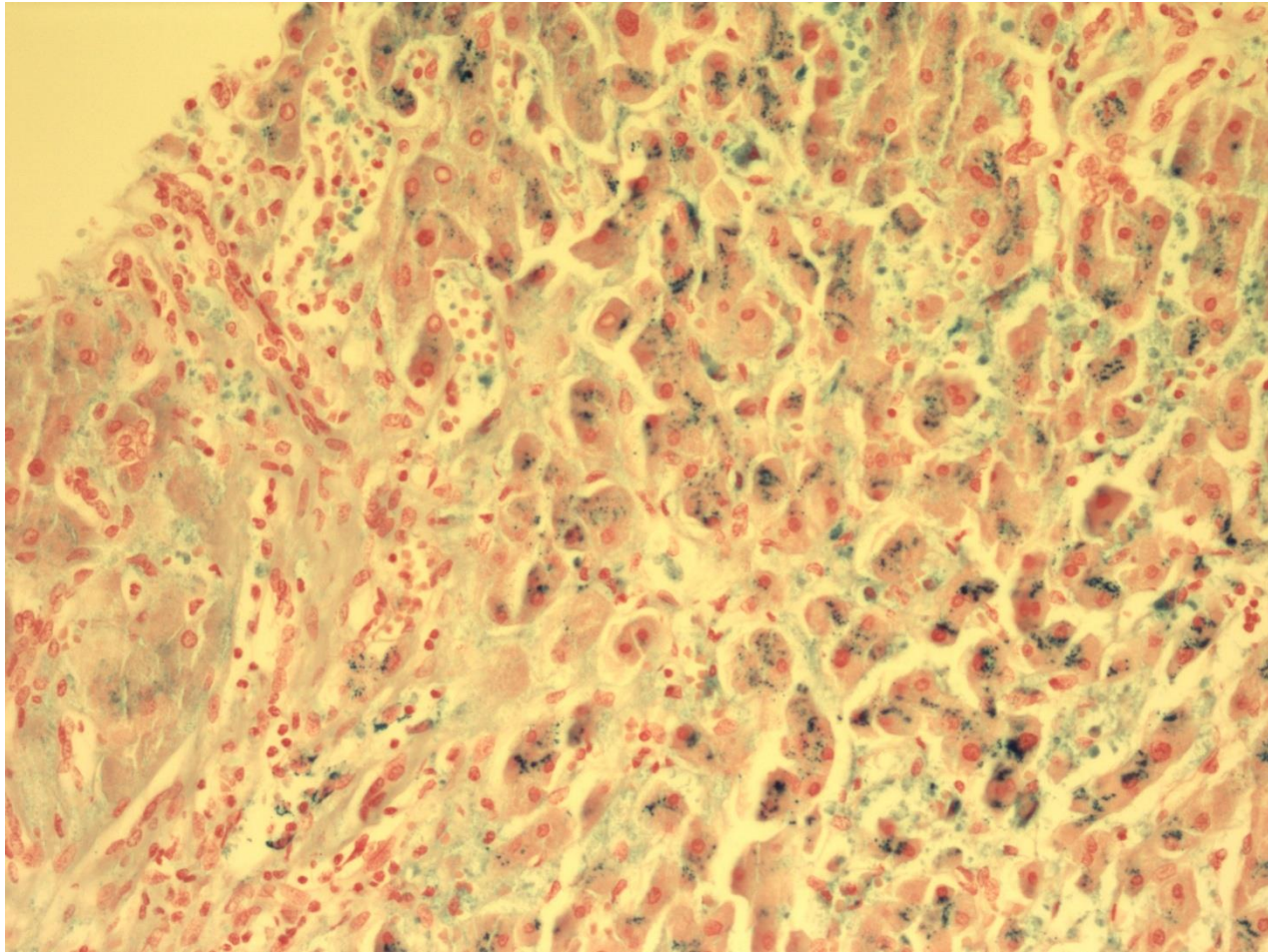
F O D O A O E O B O C O	
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A: Lymfeklier
B: Lever
C: Huid I
D: Hart
E: Huid II
F: Synovia

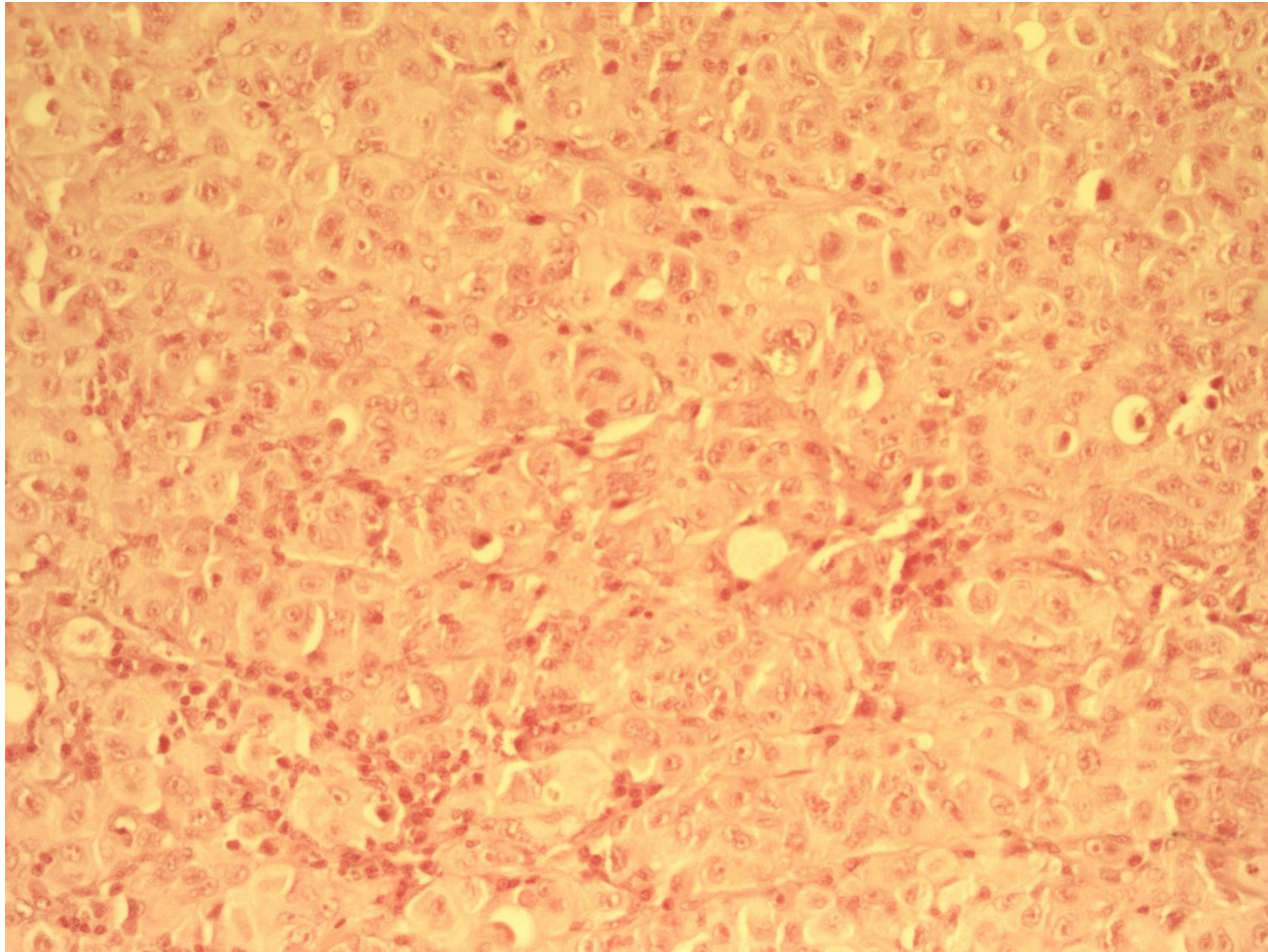
IJzer



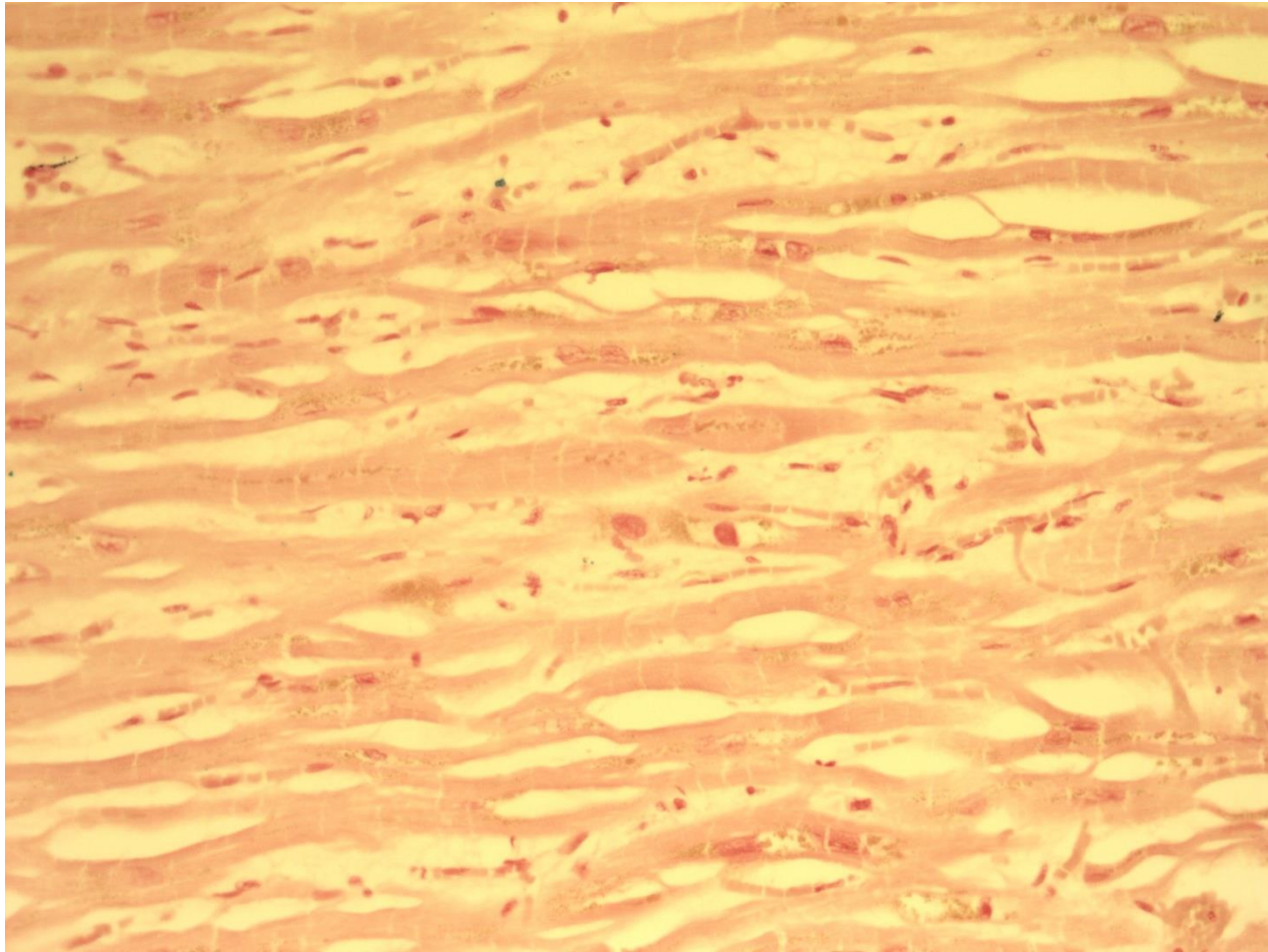
IJzer



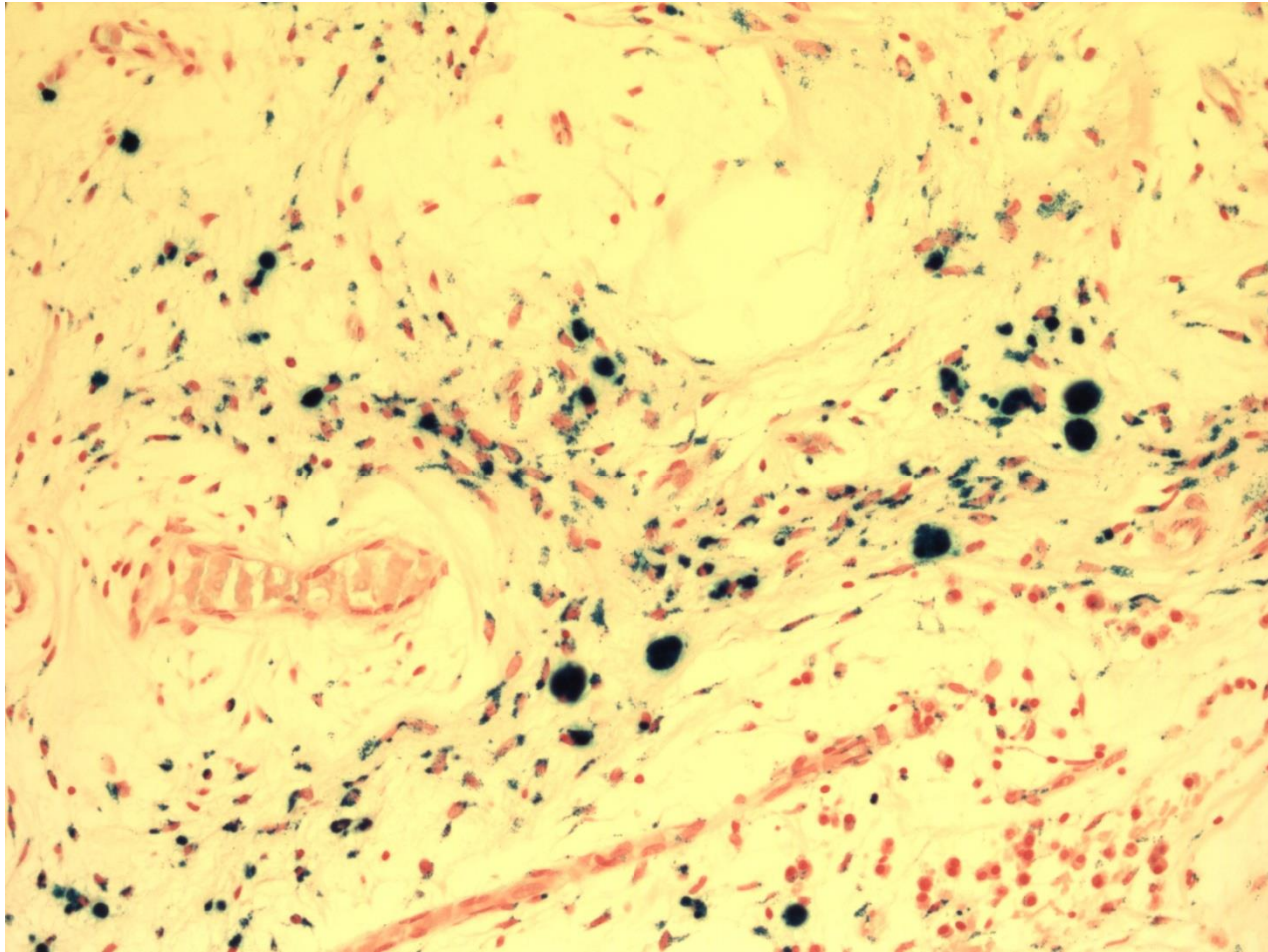
IJzer



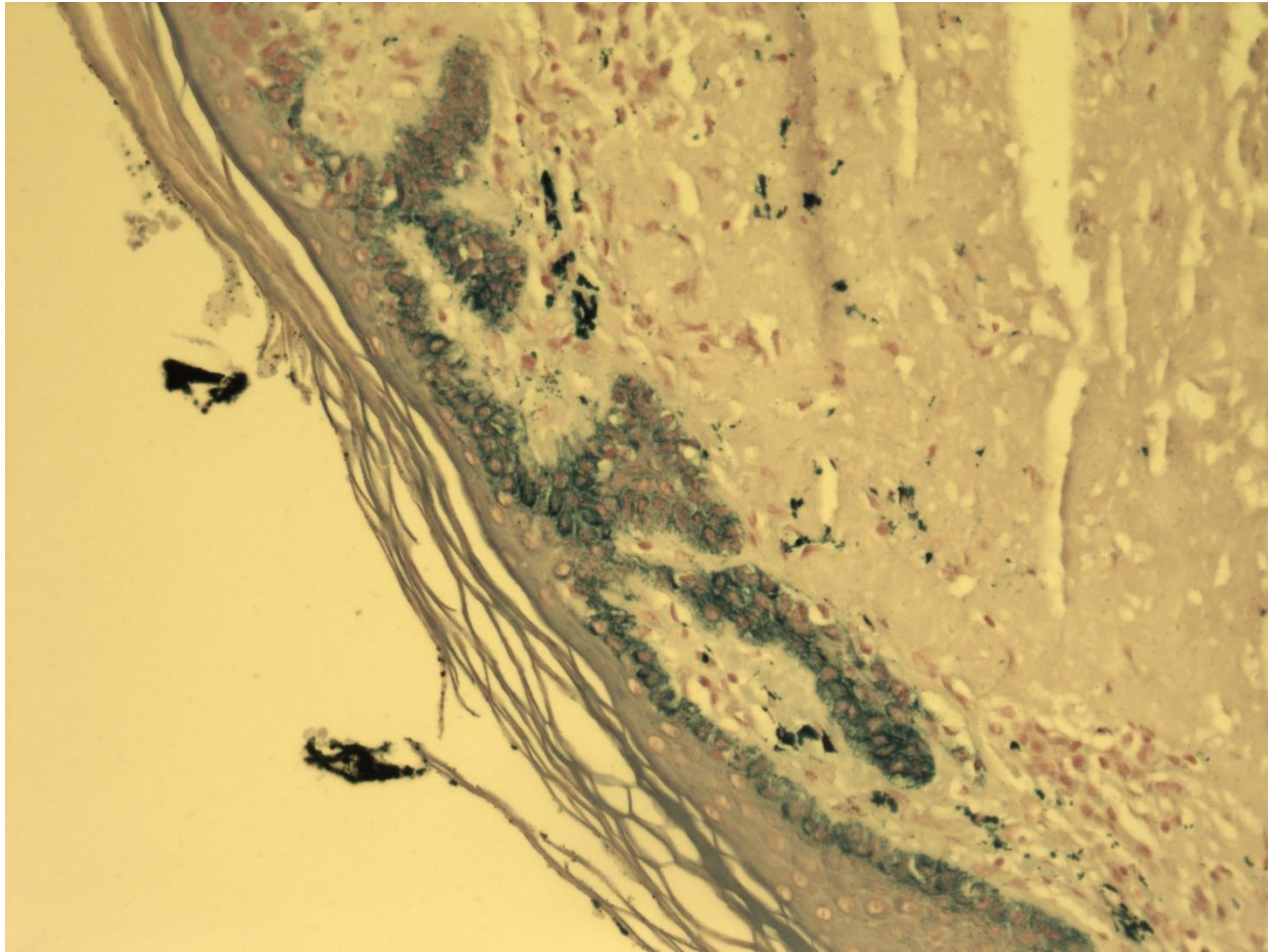
IJzer



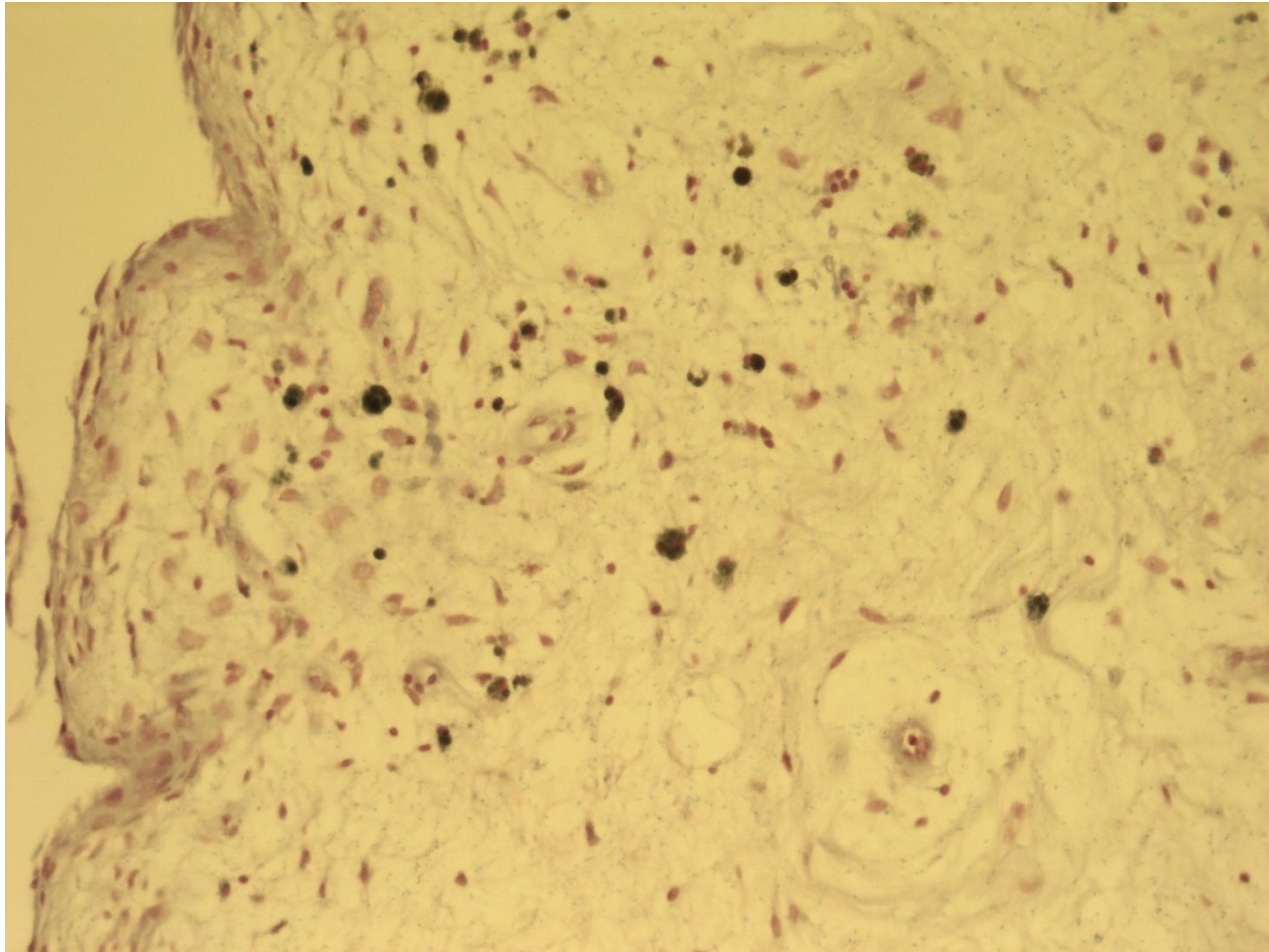
IJzer



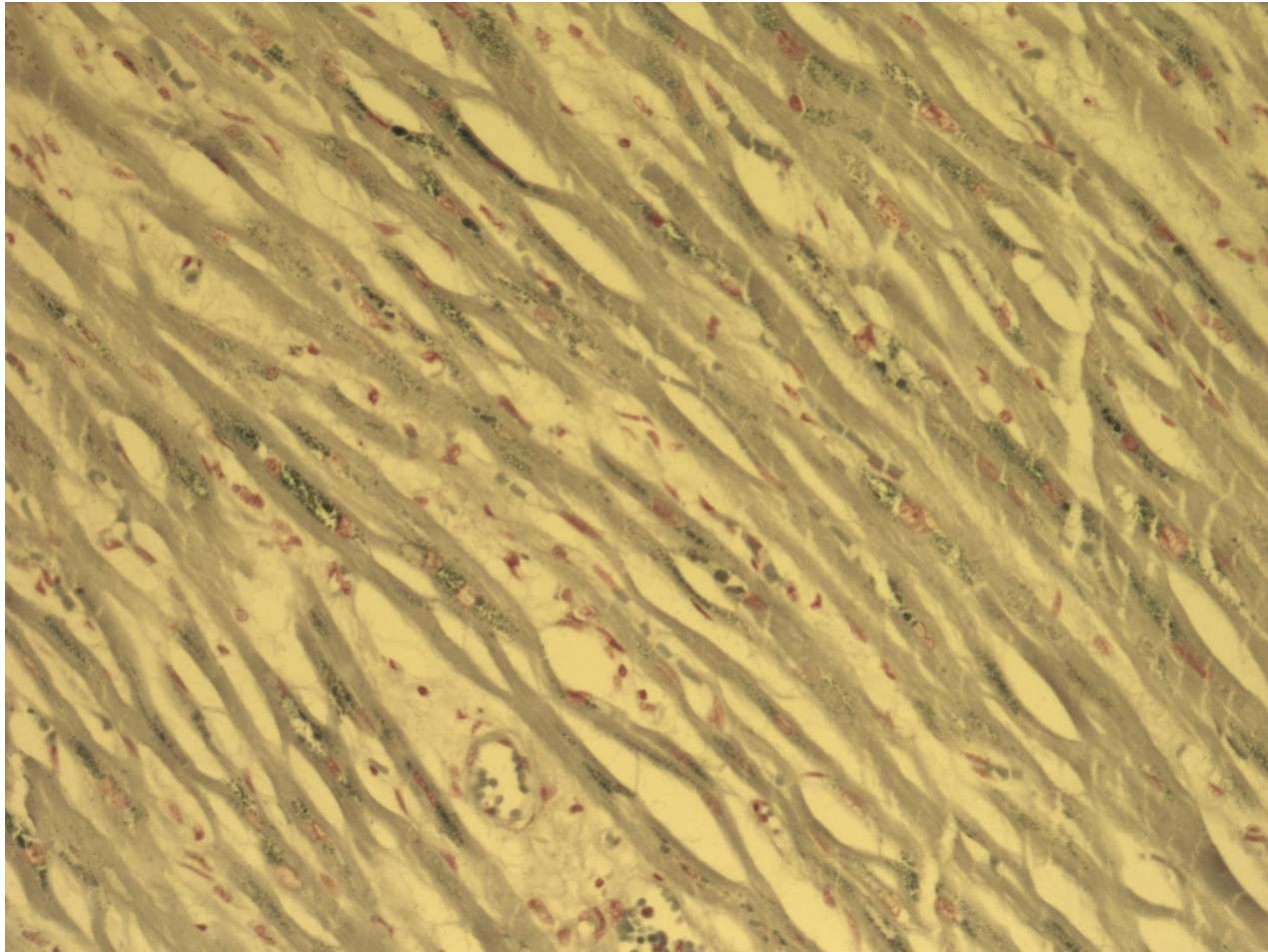
Melanine



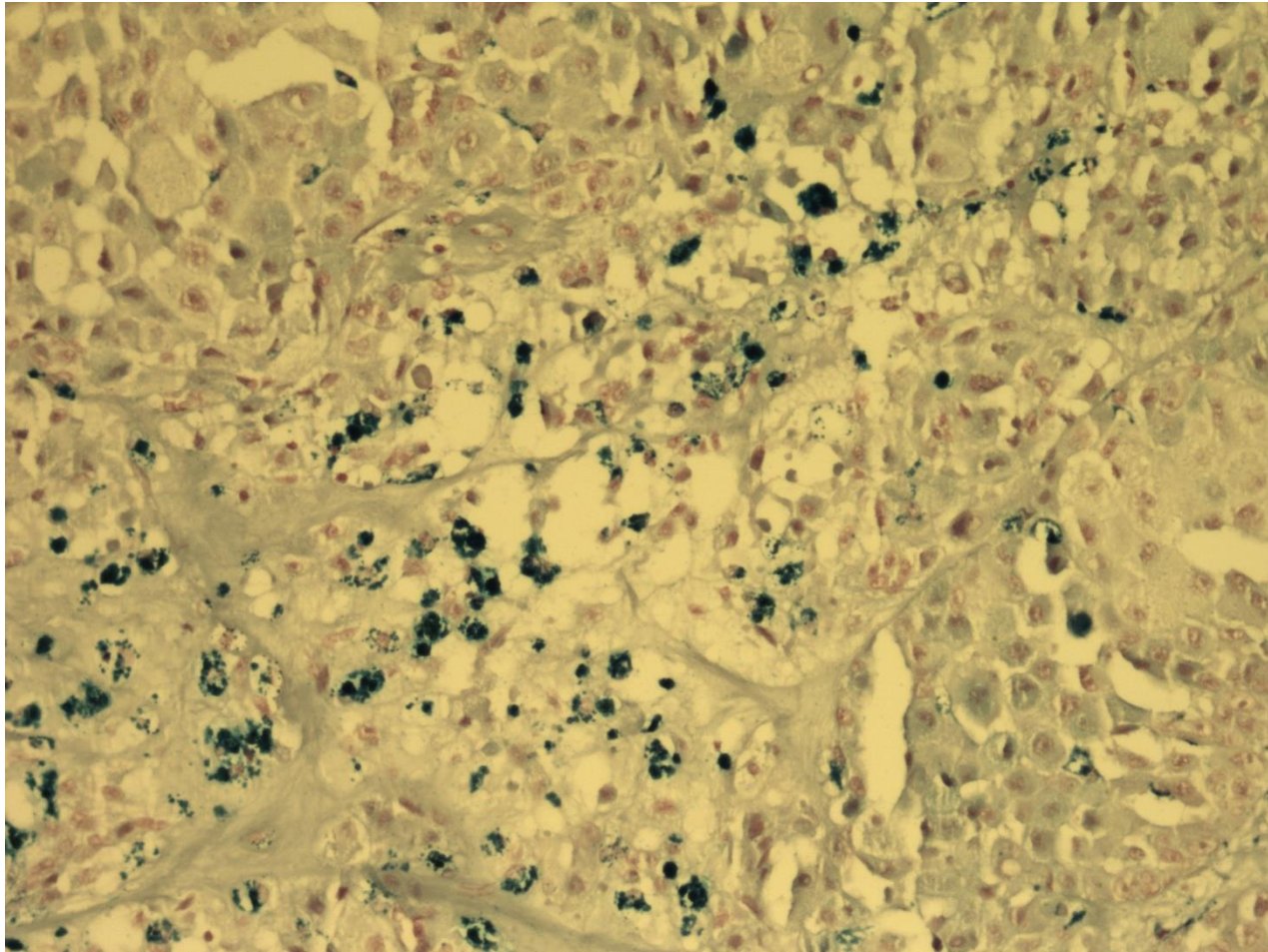
Melanine



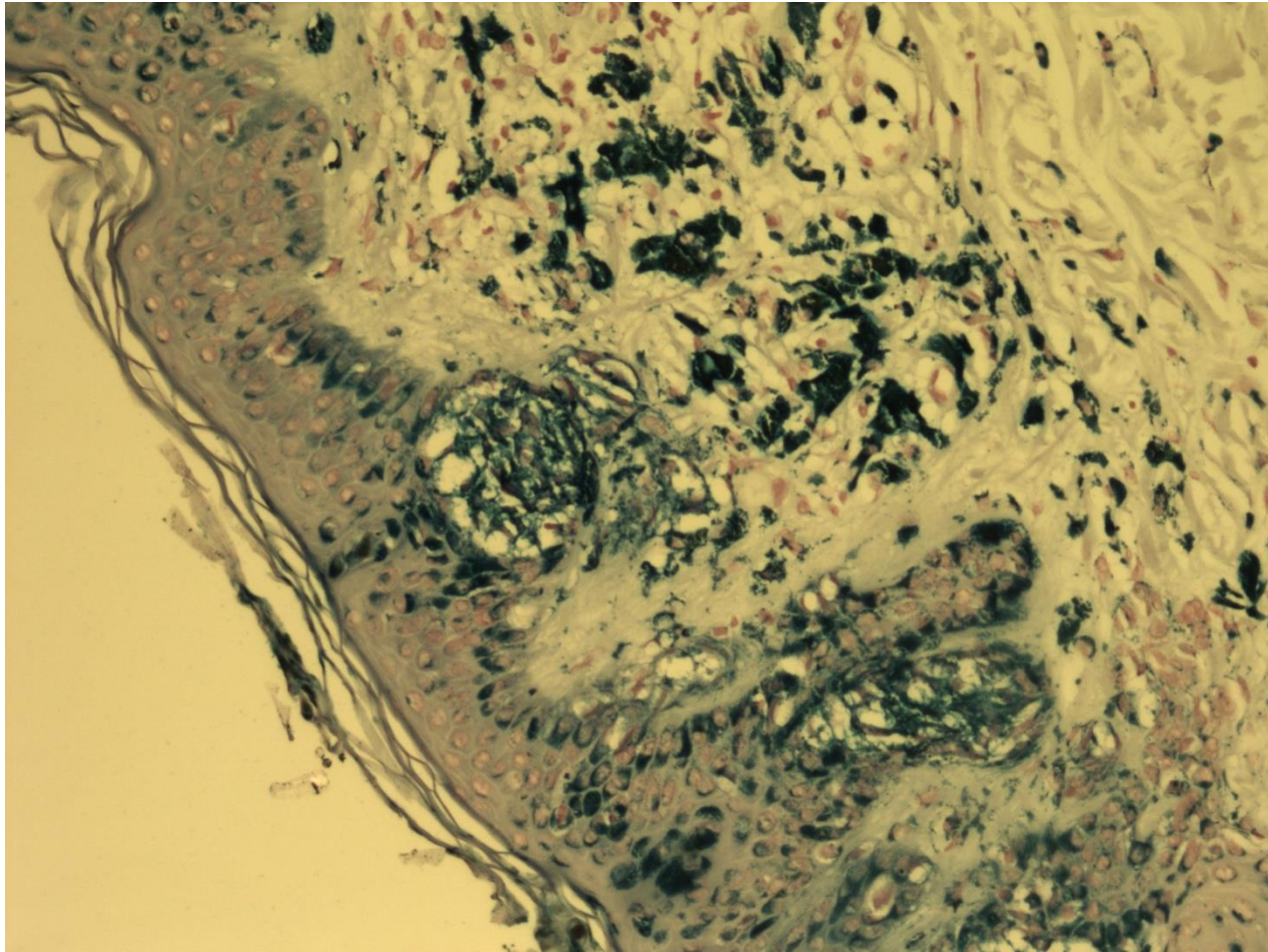
Melanine



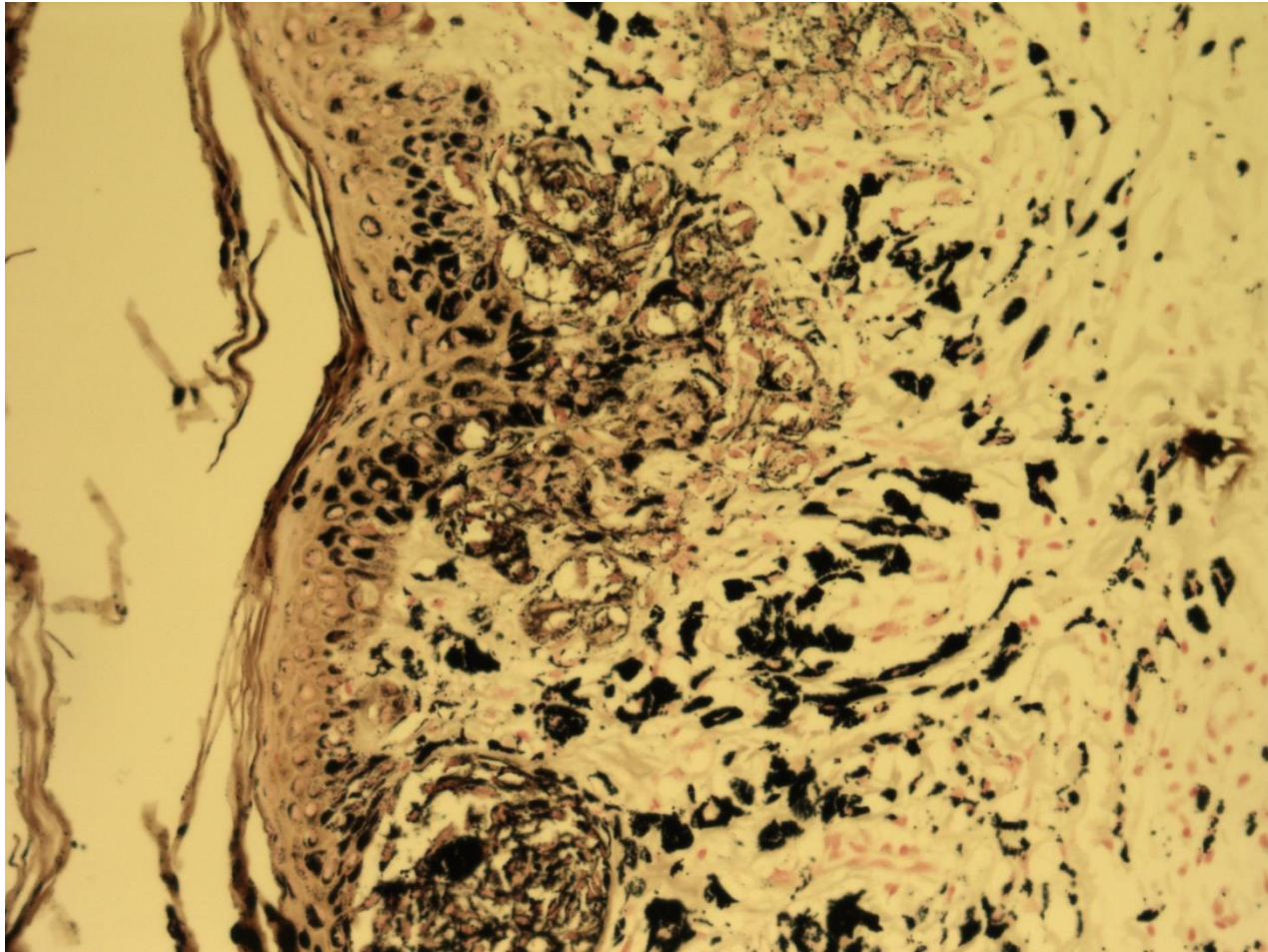
Melanine



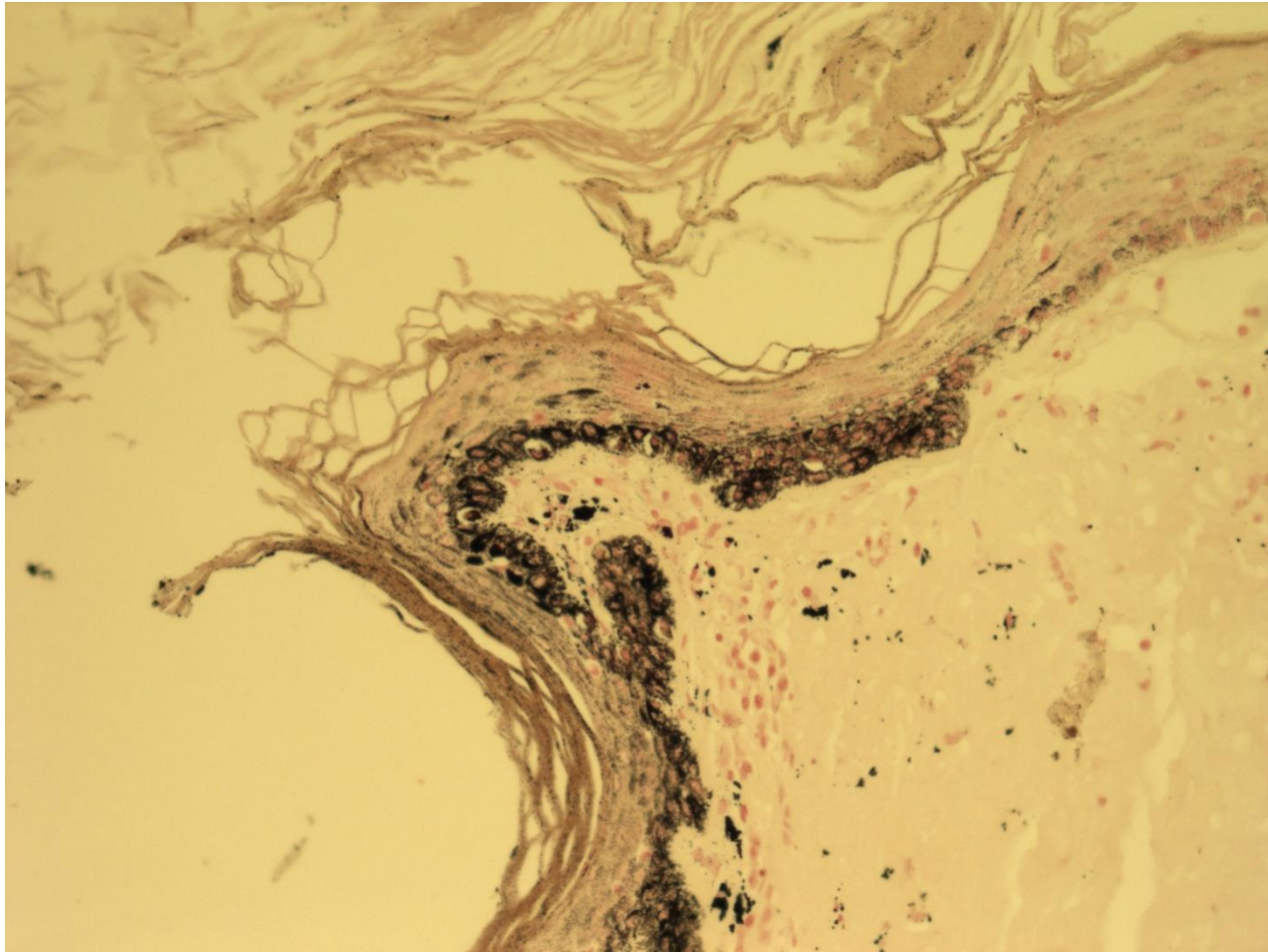
Melanine



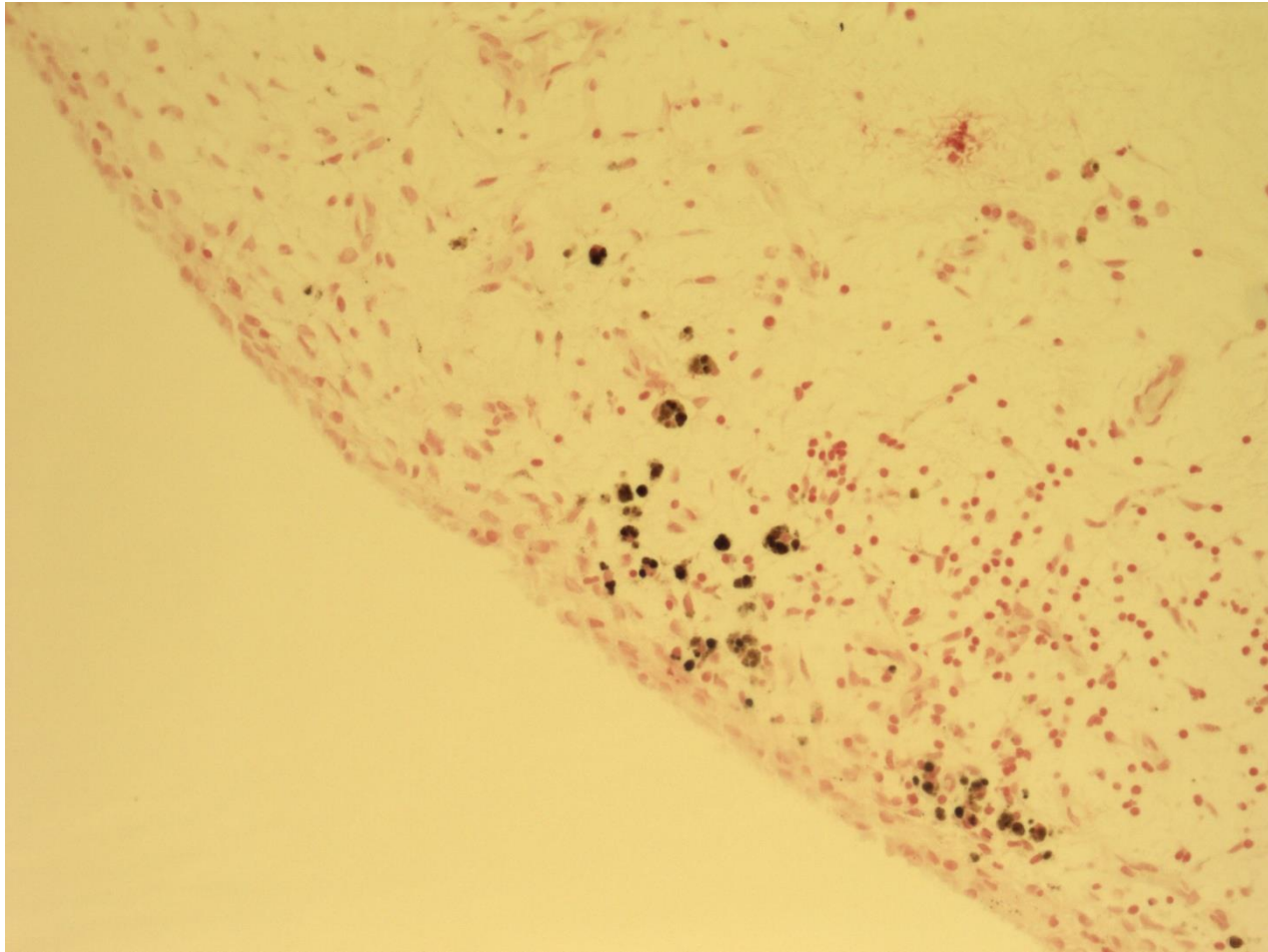
Masson



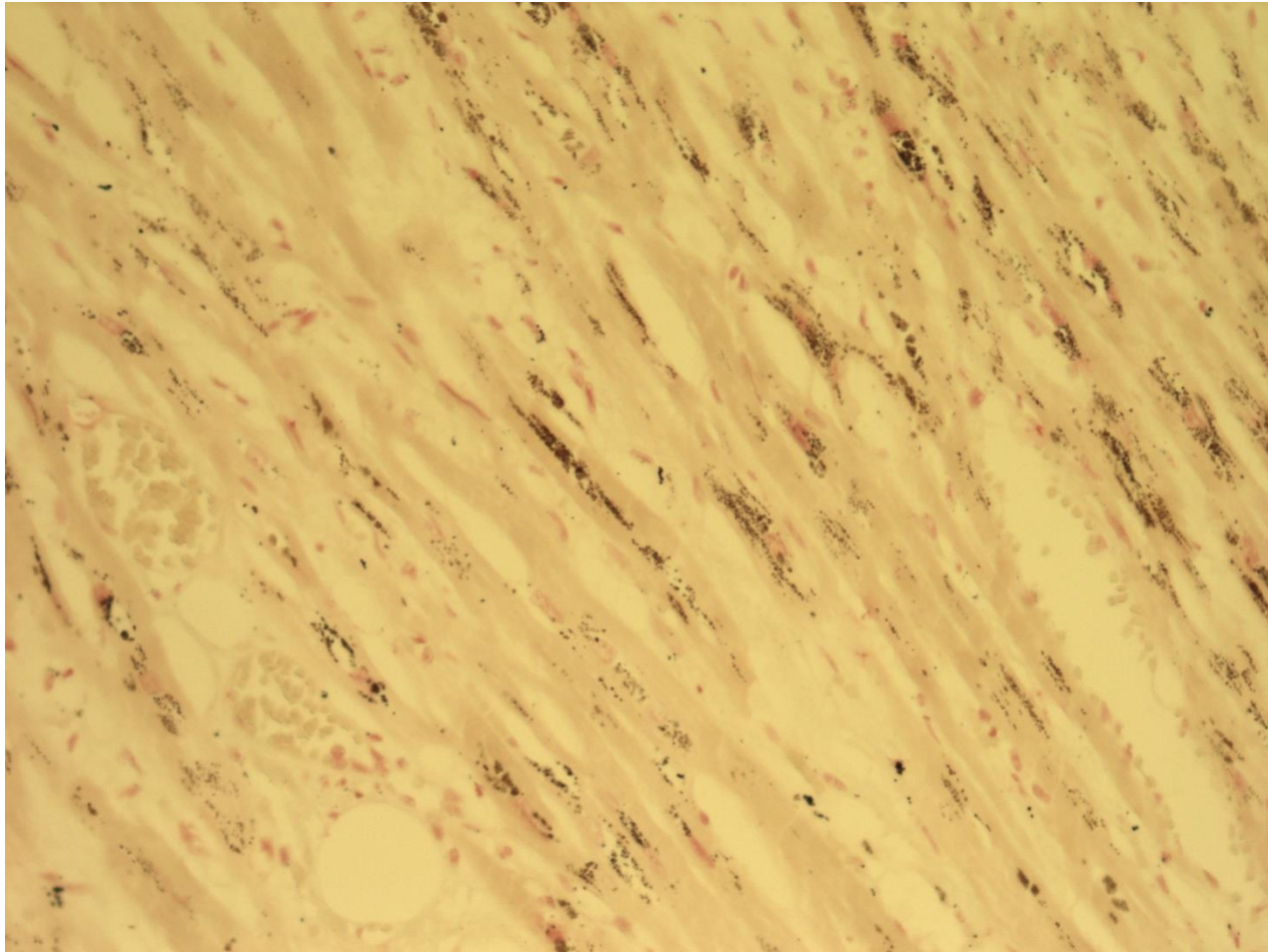
Masson



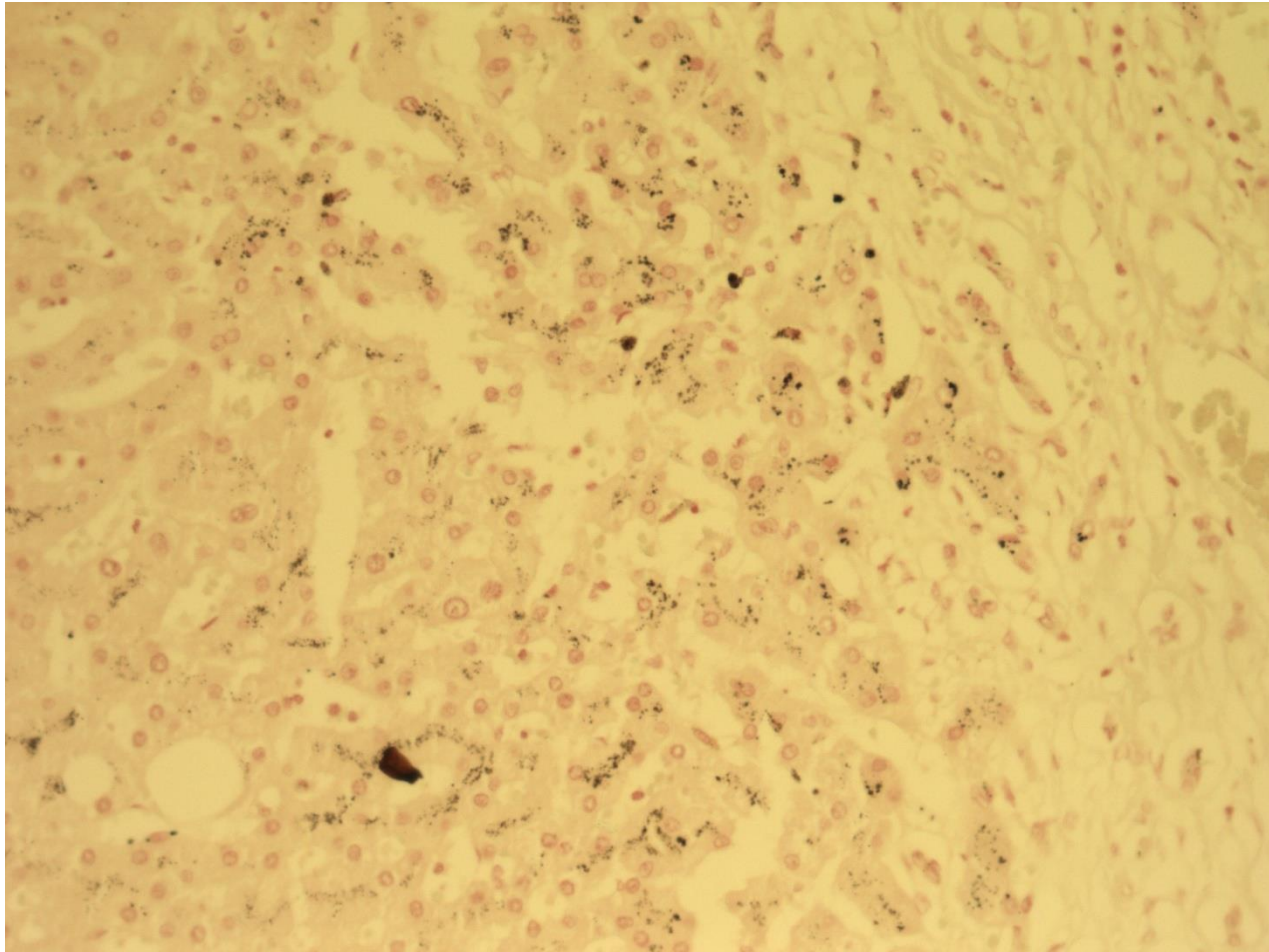
Masson



Masson



Masson

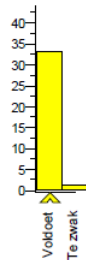


Melanine

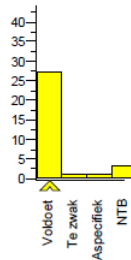
Melanine

Melanine kleuring voldoet

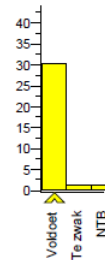
2015.1 A



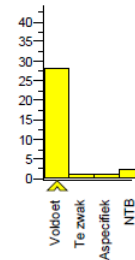
2015.1 B



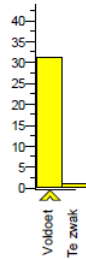
2015.1 C



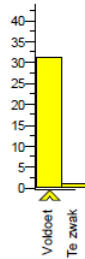
2015.1 D



2015.1 E



2015.1 F



Legenda

 Melanine

IJzer

- 8 -

14 juli 2015 9:21

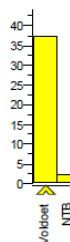


Weefsel Specifiek 2015.1

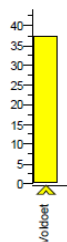
IJzer

IJzer kleuring voldoet

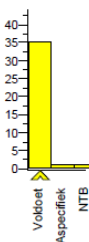
2015.1 A



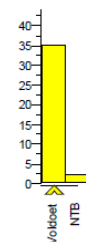
2015.1 B



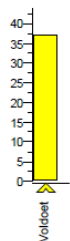
2015.1 C



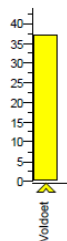
2015.1 D



2015.1 E



2015.1 F



Legenda

IJzer

Weefsel Specifiek 2015.1

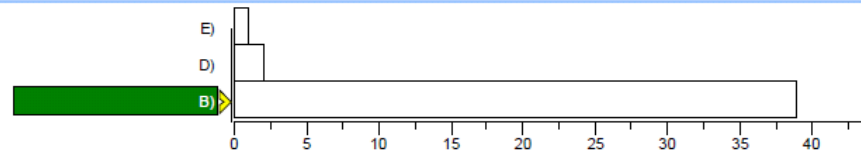
Conclusievragen

Monster : 2015.1 A

Score

Het bruine pigment in weefsel A (lymfeklier) betreft?

- A) IJzer
- B) Melanine
- C) Lipofuchsine
- D) Geen pigment aanwezig
- E) Niet te beoordelen vanwege kwaliteit coupe/kleuring



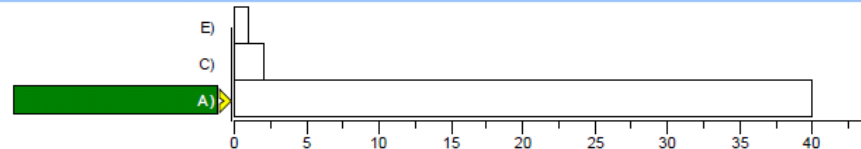
2

Monster : 2015.1 B

Score

Het bruine pigment in weefsel B (lever) betreft?

- A) IJzer
- B) Melanine
- C) Lipofuchsine
- D) Geen pigment aanwezig
- E) Niet te beoordelen vanwege kwaliteit coupe/kleuring



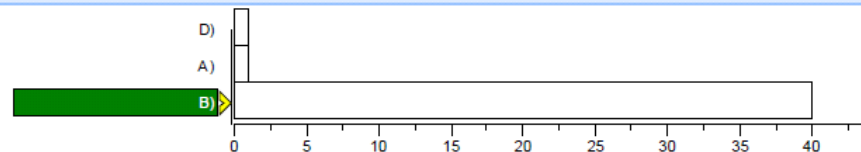
2

Monster : 2015.1 C

Score

Het bruine pigment in weefsel C (huid I) betreft?

- A) IJzer
- B) Melanine
- C) Lipofuchsine
- D) Geen pigment aanwezig
- E) Niet te beoordelen vanwege kwaliteit coupe/kleuring



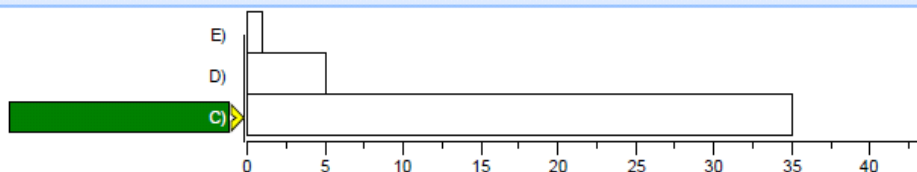
2

Monster : 2015.1 D

Score

Het bruine pigment in weefsel D (hart) betreft?

- A) IJzer
- B) Melanine
- C) Lipofuchsine
- D) Geen pigment aanwezig
- E) Niet te beoordelen vanwege kwaliteit coupe/kleuring



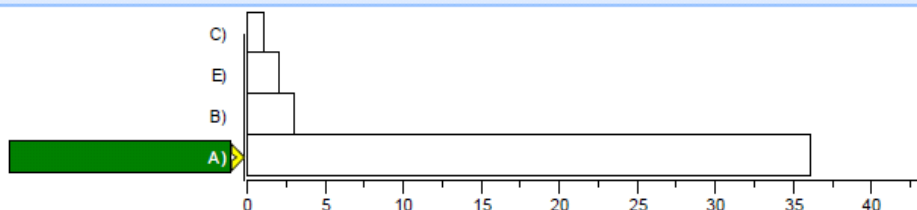
2

Monster : 2015.1 E

Score

Het bruine pigment in weefsel E (huid II) betreft?

- A) IJzer
- B) Melanine
- C) Lipofuchsine
- D) Geen pigment aanwezig
- E) Niet te beoordelen vanwege kwaliteit coupe/kleuring



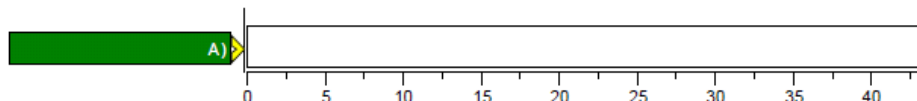
2

Monster : 2015.1 F

Score

Het bruine pigment in weefsel F (synovia) betreft?

- A) IJzer
- B) Melanine
- C) Lipofuchsine
- D) Geen pigment aanwezig
- E) Niet te beoordelen vanwege kwaliteit coupe/kleuring



2

Dankbetuiging

- Fotografie: Fred Vlugt
- Secretariële
ondersteuning: Simone Heida