REPAIR

- An injured limb
- The wound shows a red, moist tissue which oozes exudate.
- Granulation tissue.

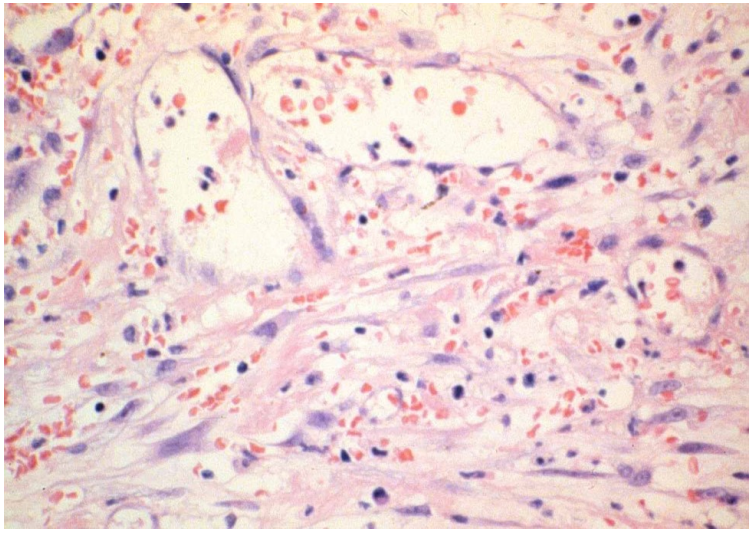
- Soft tissue
- The tissue shows:

✓ Many thin walled capillaries

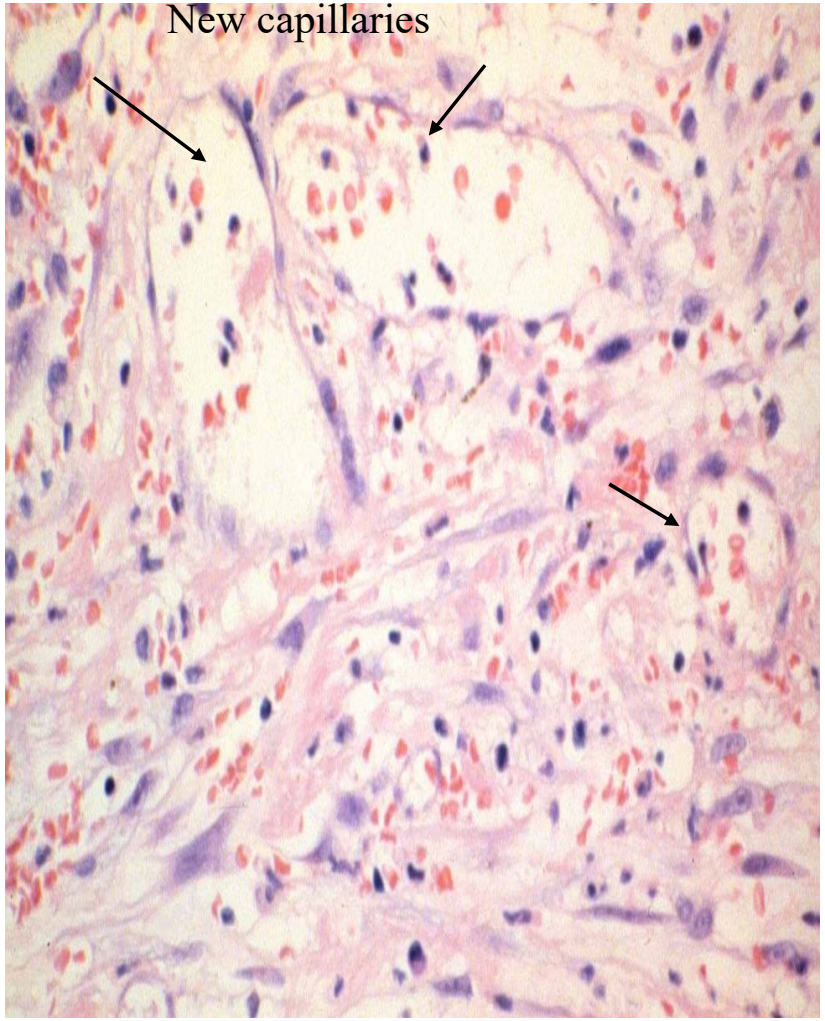
✓Inflammatory cells

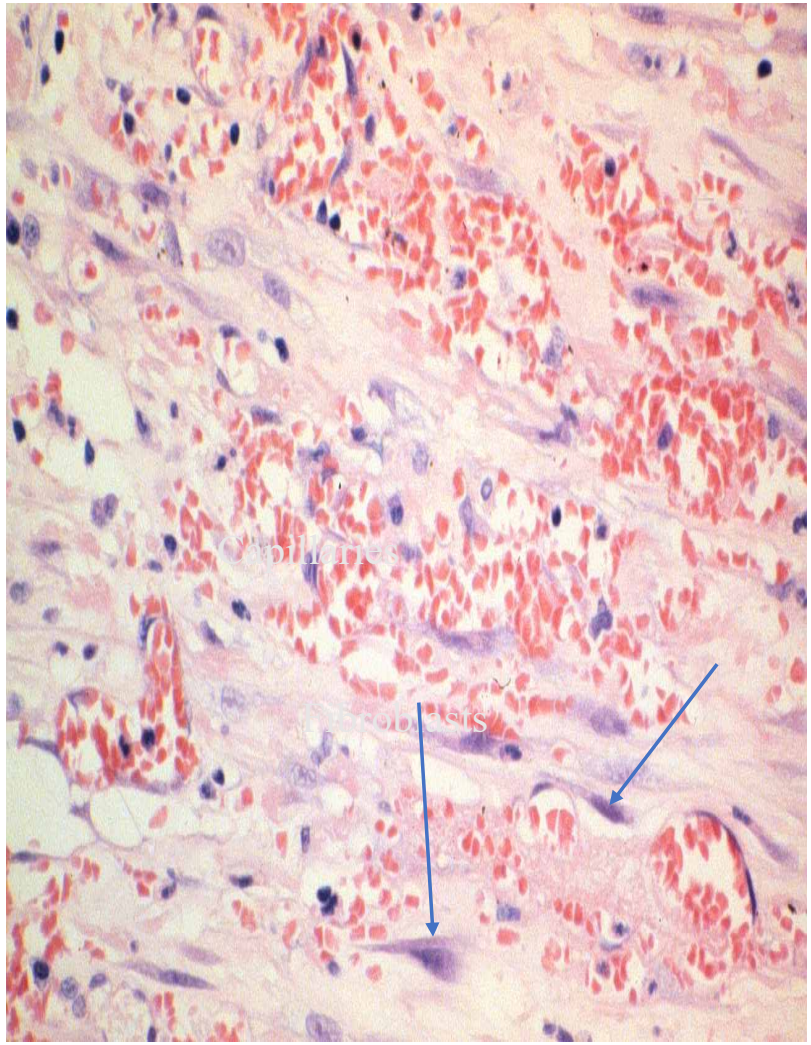
✓Many fibroblasts with few collagen bundles

- Granulation tissue.



Granulation Tissue





fibroblasts

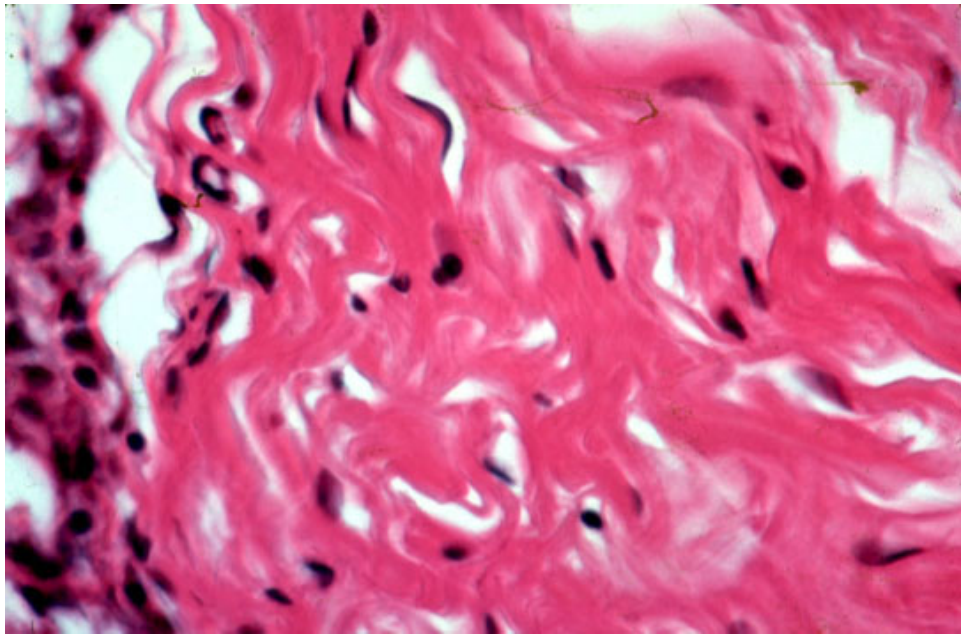
- Soft tissue
- The tissue shows:

✓Very few fibroblasts

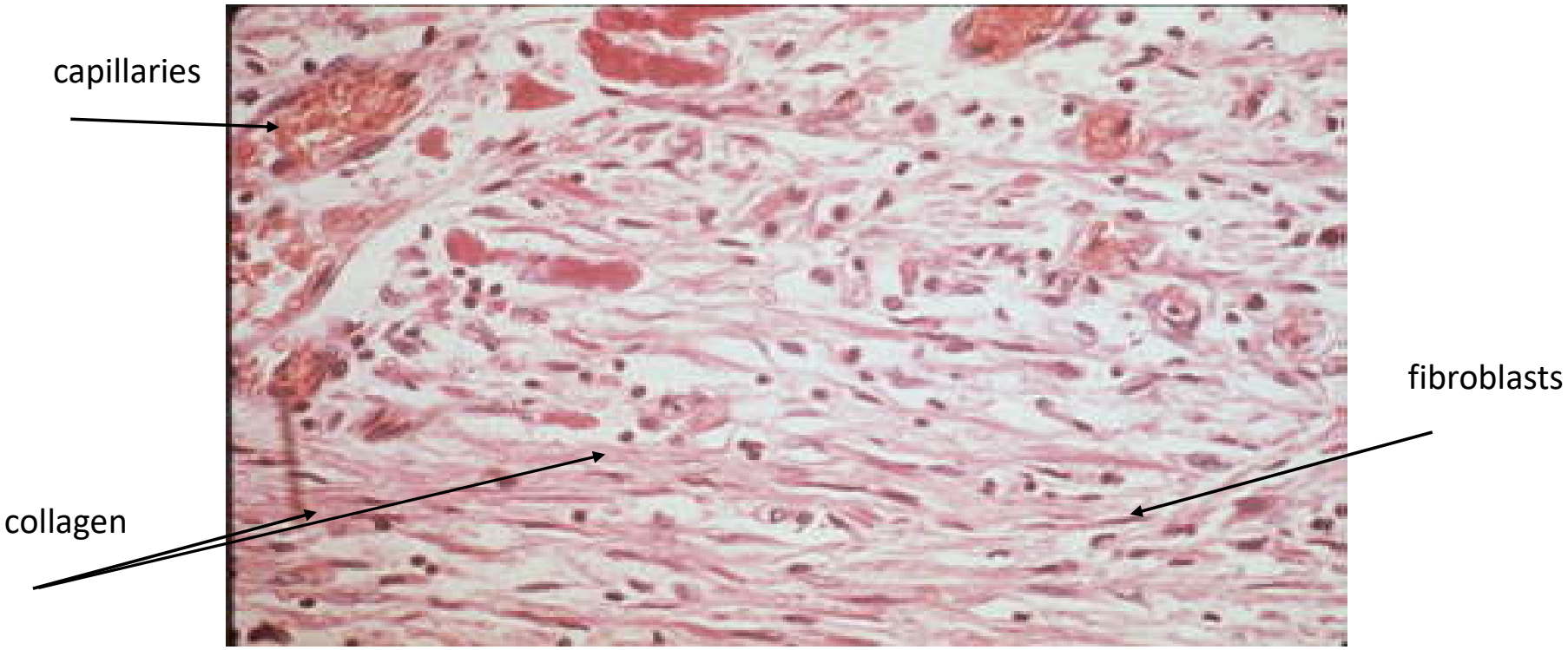
✓Ocassional capillaries

✓Many collagen bundles.

- Fibrous tissue



Fibrous tissue



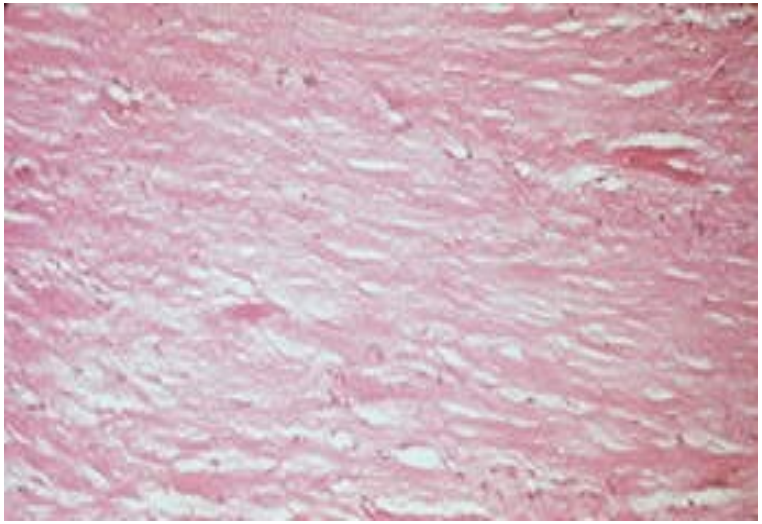
- Soft tissue
- The tissue is replaced by:

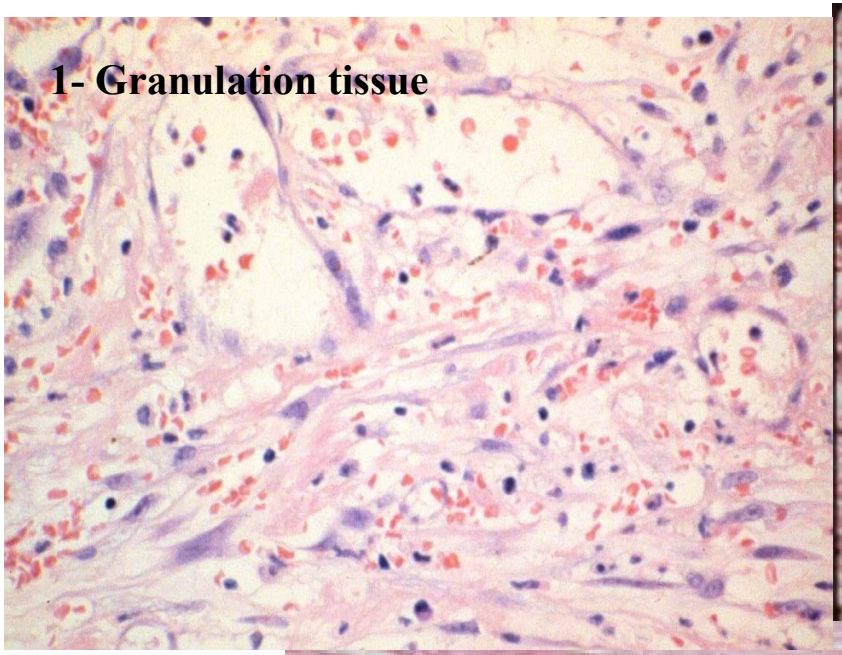
✓Collagen bundles only.

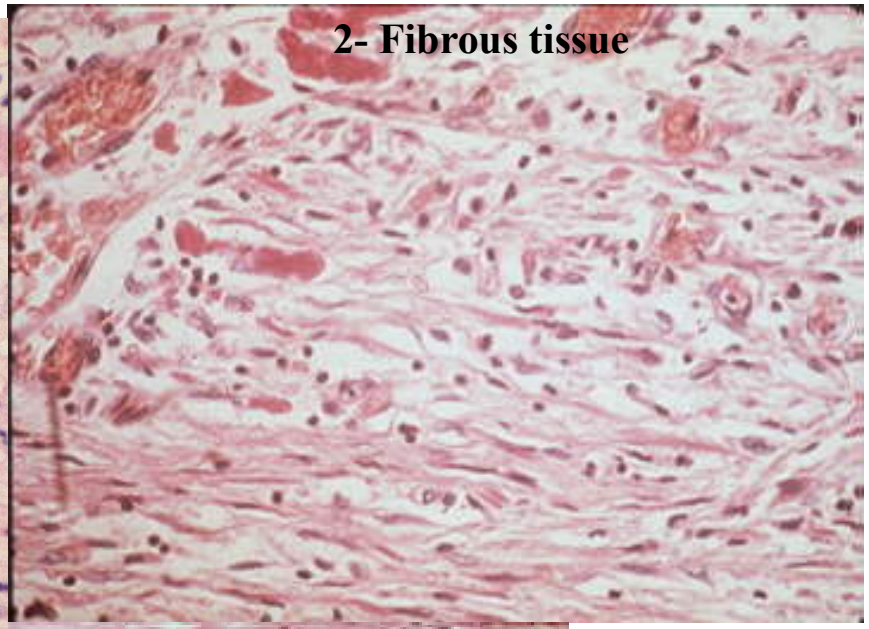
✓No capillaries.

✓No fibroblasts

- Scar

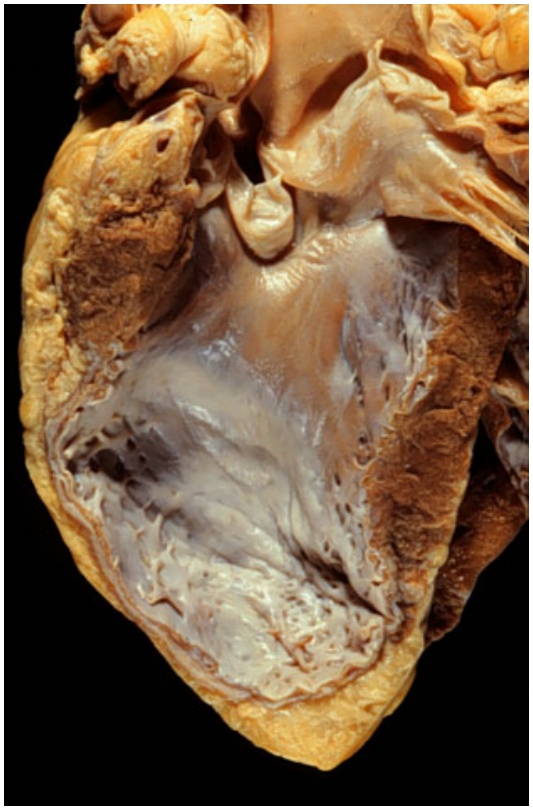



1- Granulation tissue

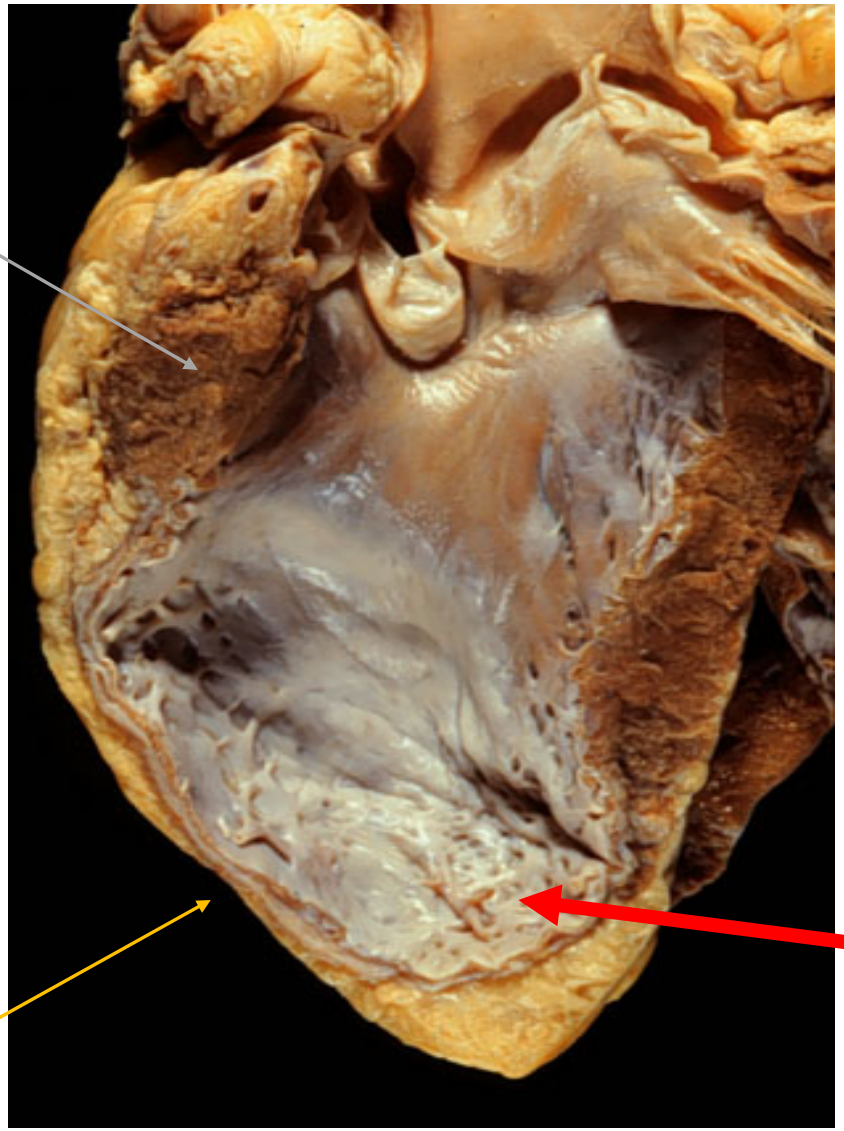

2- Fibrous tissue


3- Scar

- Heart
- The myocardium thickness is reduced. The myocardium is replaced by grey white firm fibrous tissue. The endocardium shows subendocardial fibrosis. The pericardium is dull thick opaque and greyish white.
- Myocardial scar

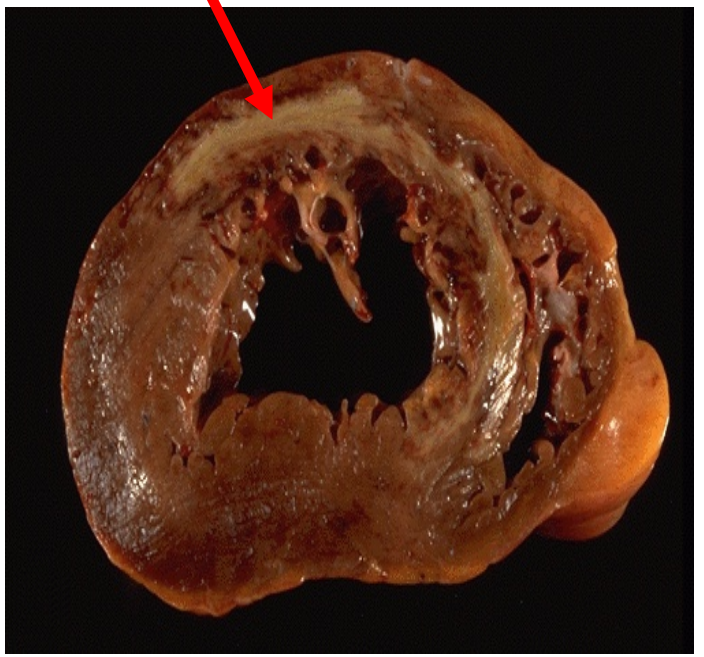


Normal muscle



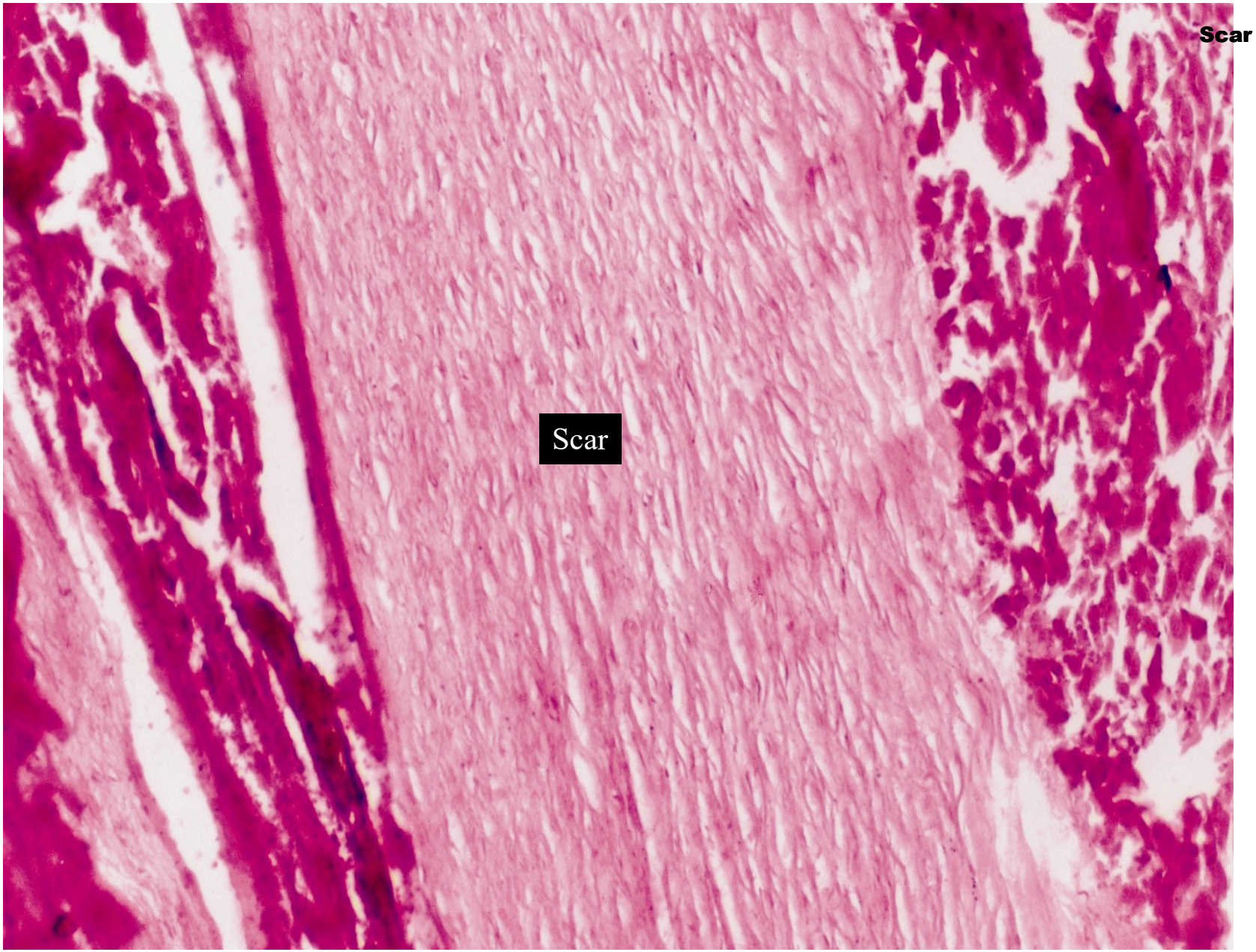
Thinned out wall

Scar



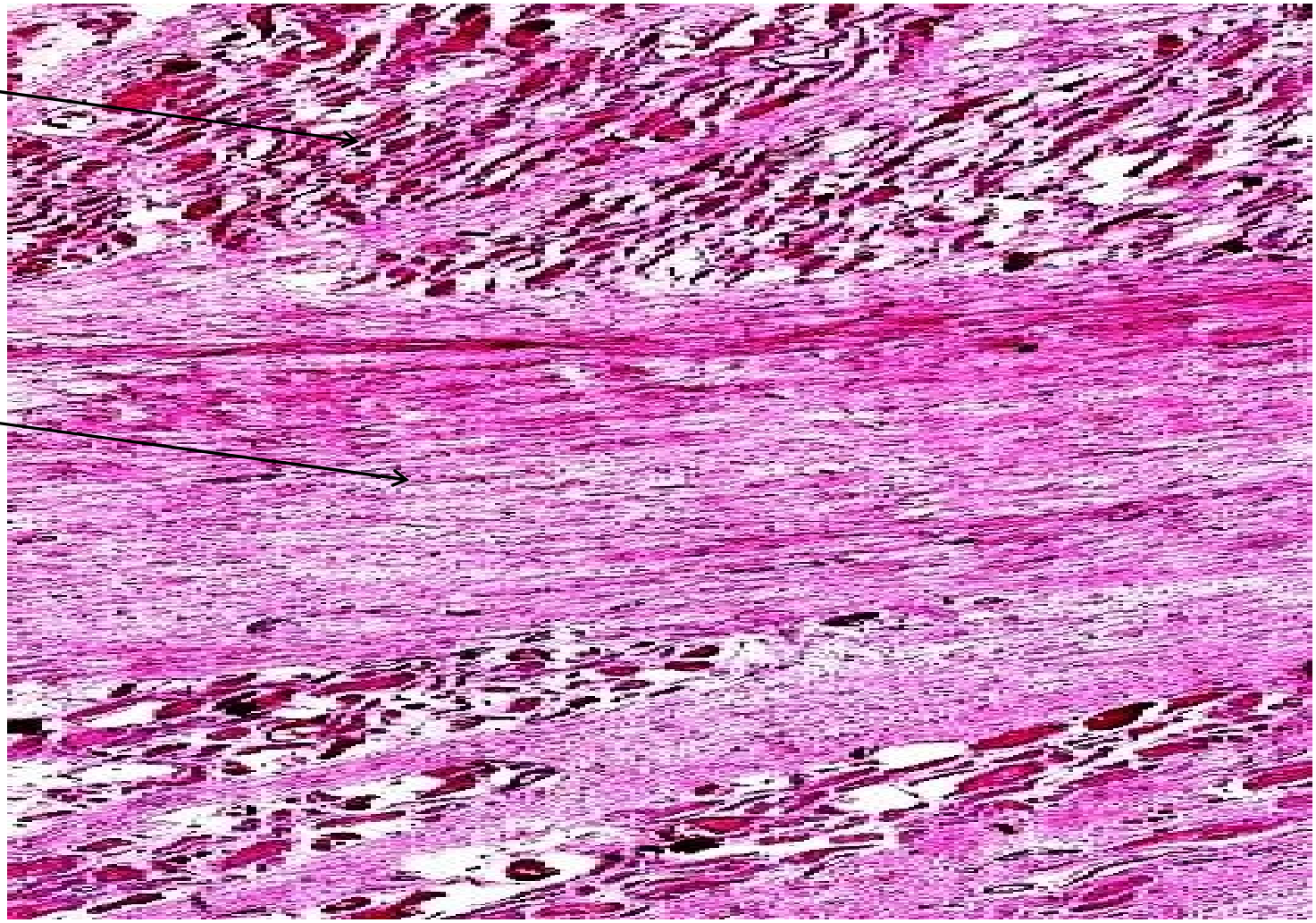
Scar

- Myocardium
- Large area of myocardial tissue is replaced by scar formed of collagen bundles only.
- Myocardial scar

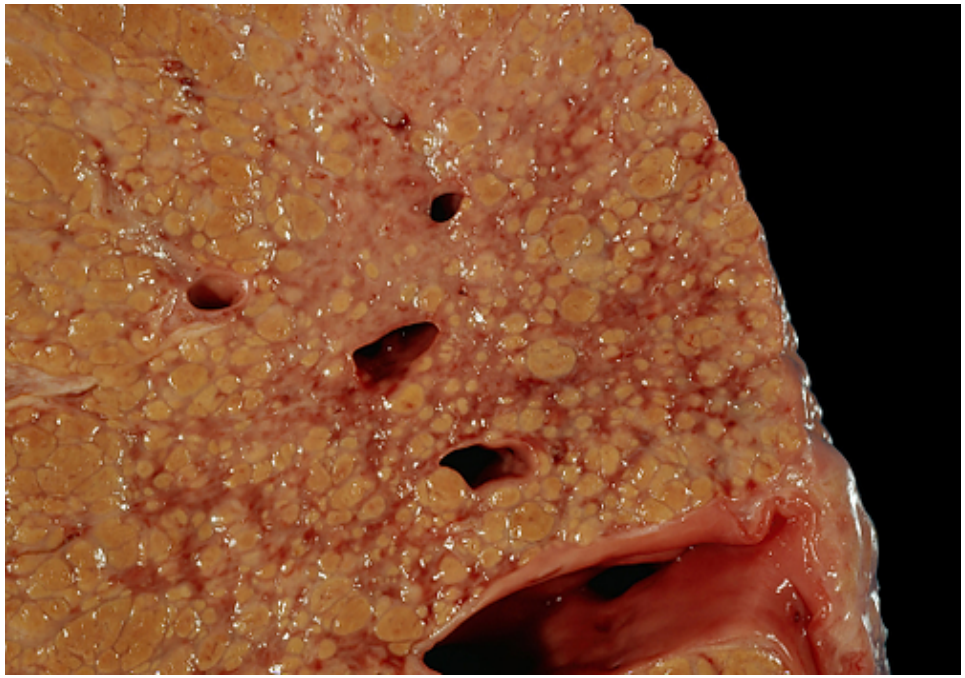

Scar
Scar

myocardium

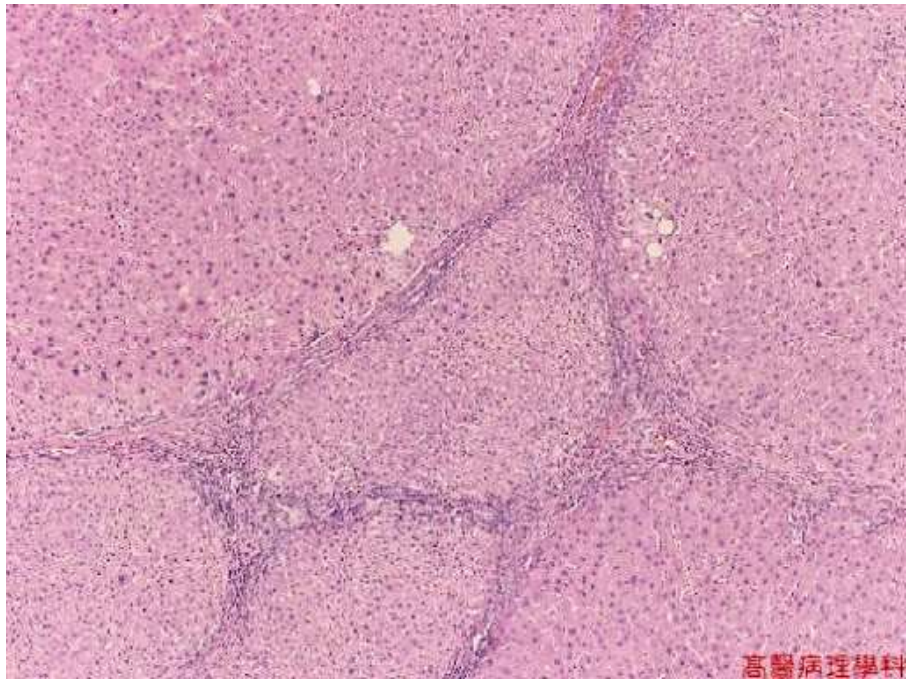
scar

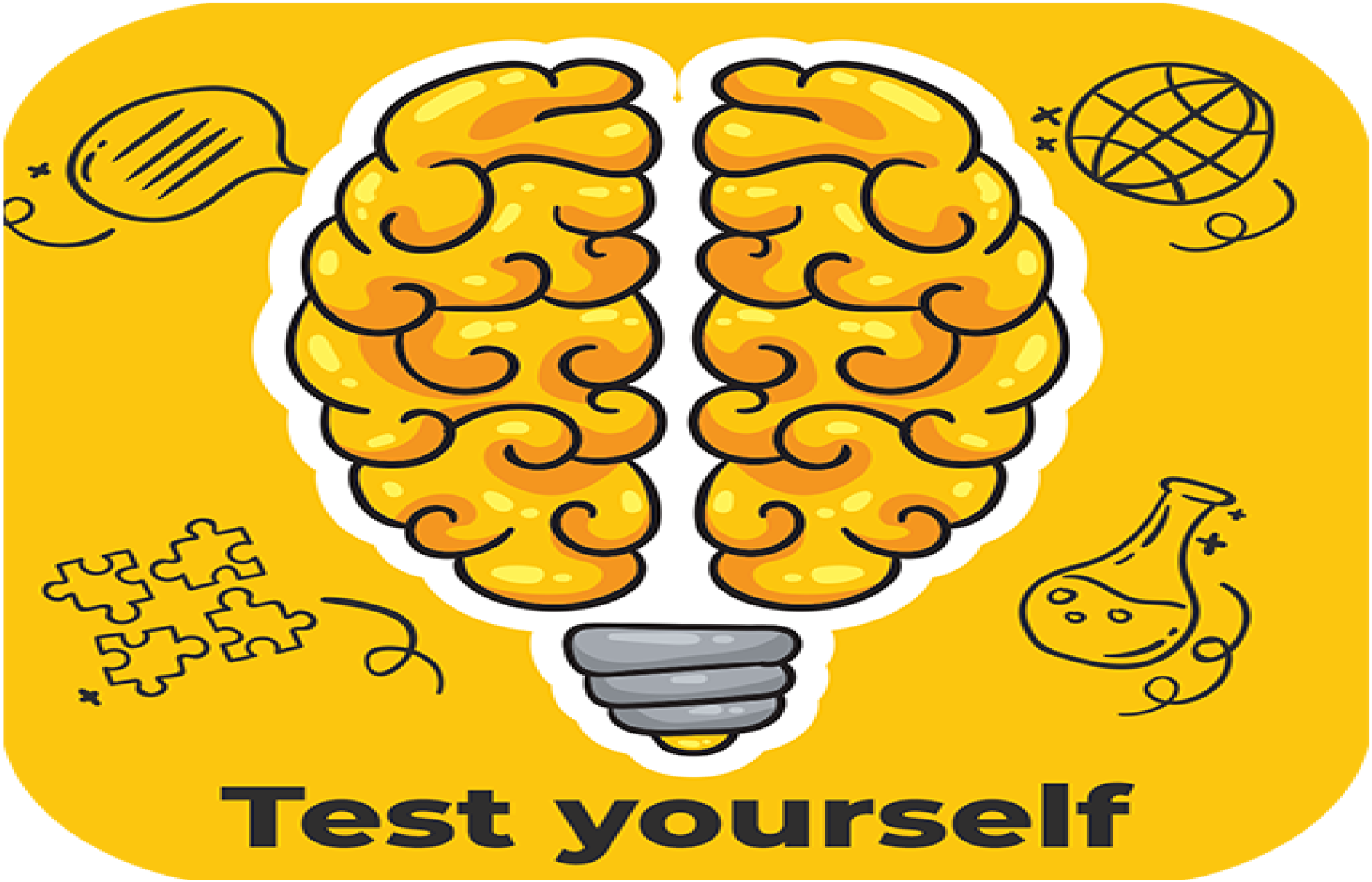


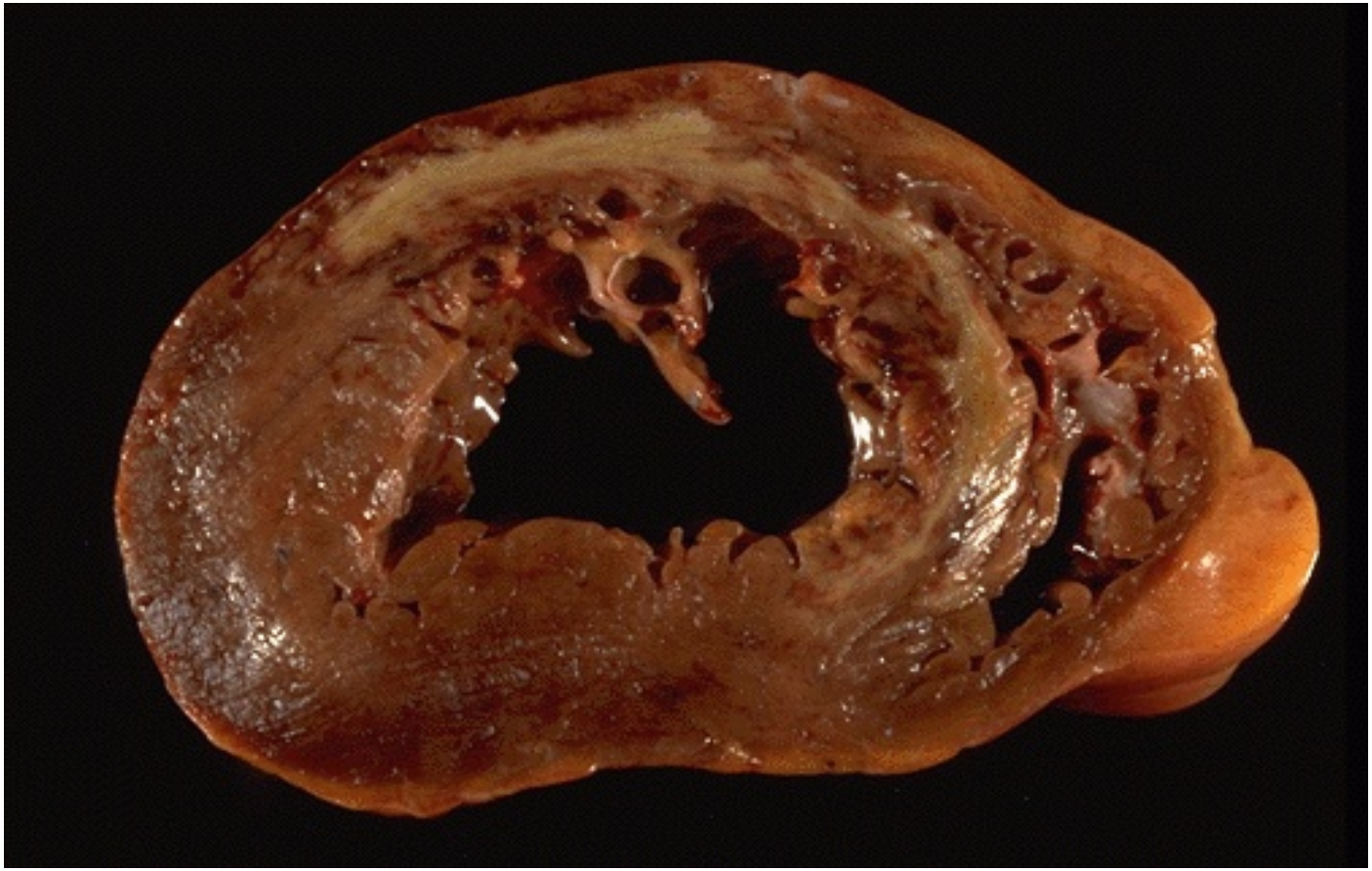
- Liver
- The outer surface of liver as well as cut section show variable sized regeneration nodules surrounded by fibrous tissue.
- Hepatic cirrhosis

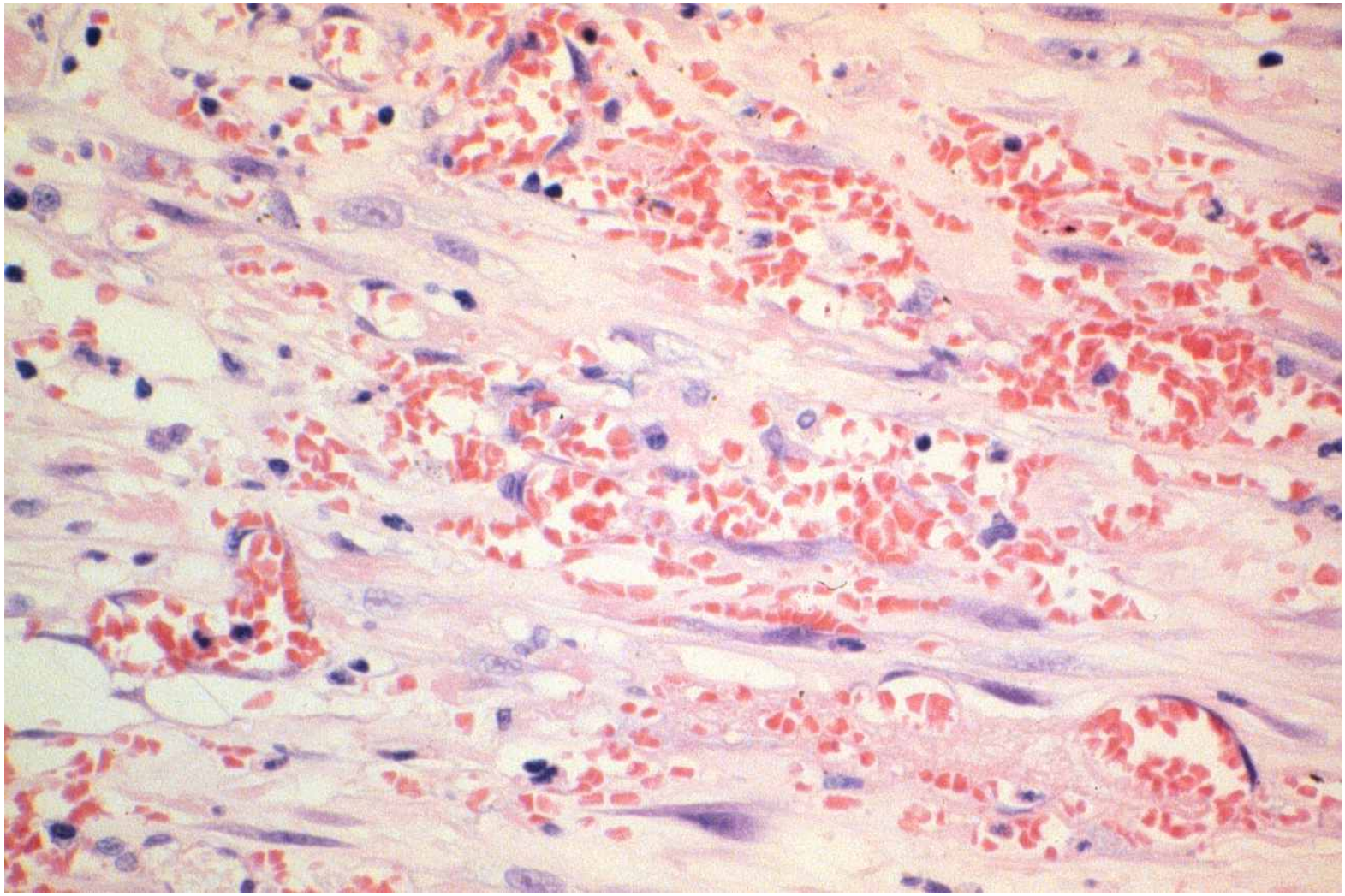


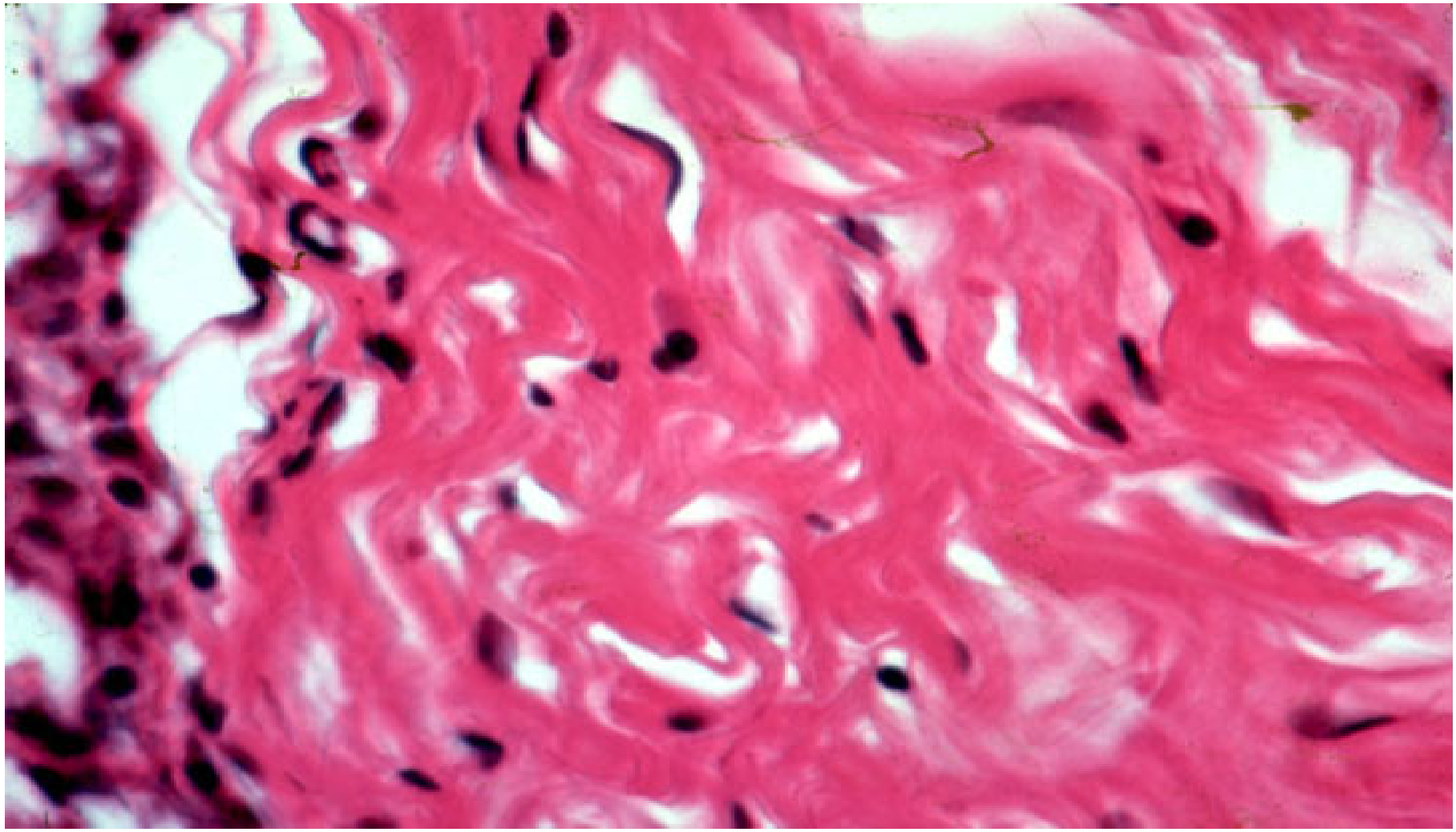
- Liver
- Section in liver showing variable sized nodules formed of regenerated hepatocytes with irregular sinusoids and absent or eccentric central vein, surrounded by fibrous tissue.
- Hepatic cirrhosis

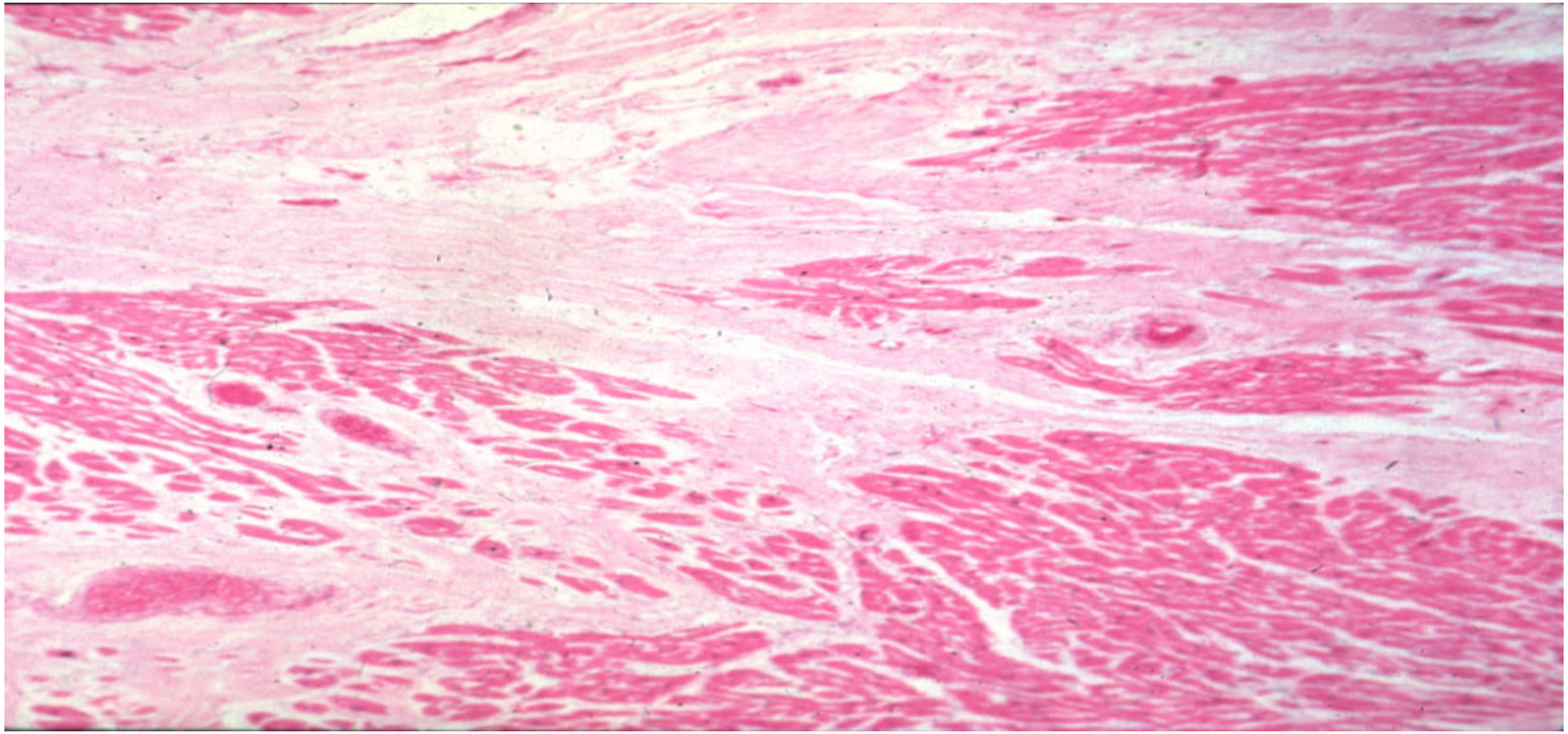


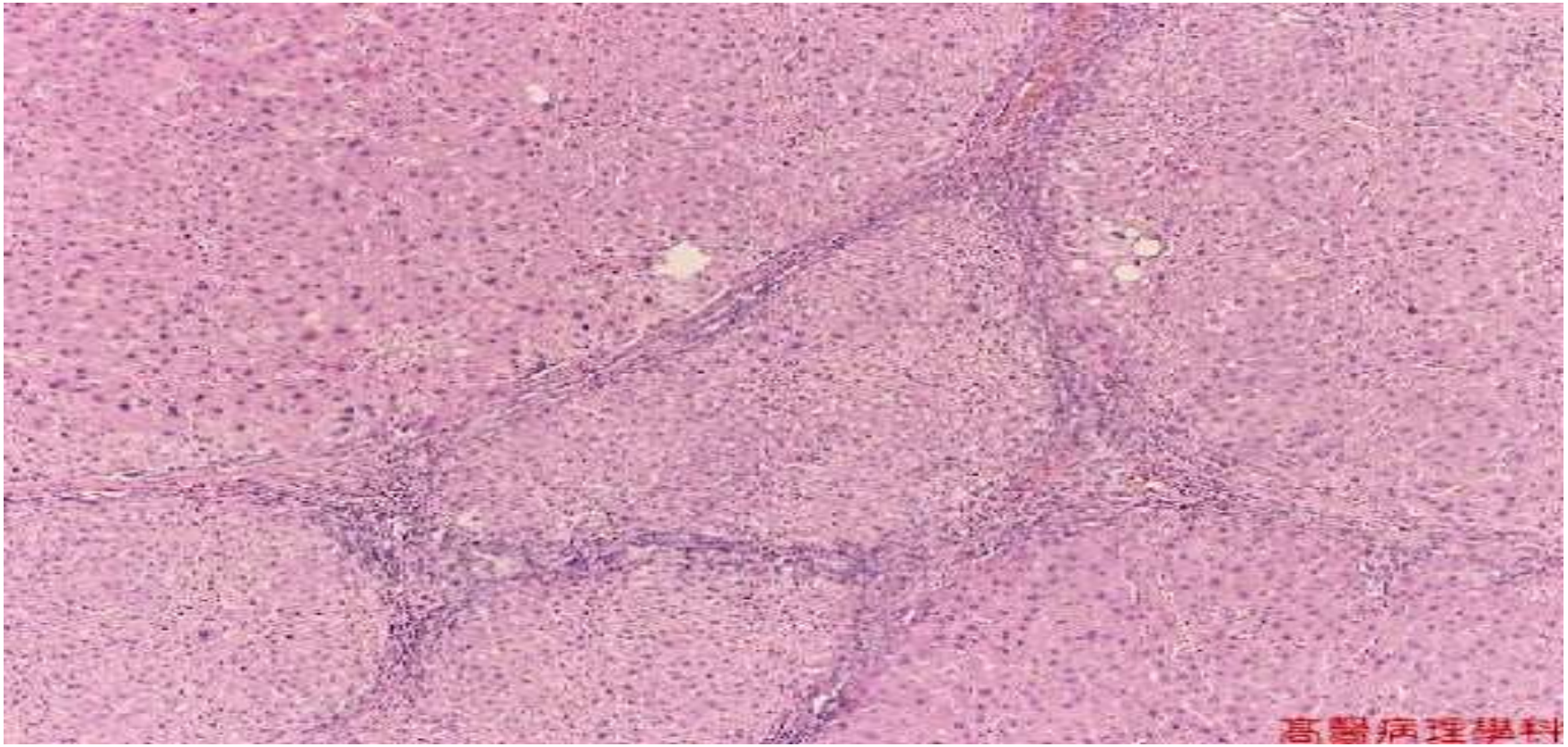

Test yourself










高醫病理學科