

Cardiovascular system

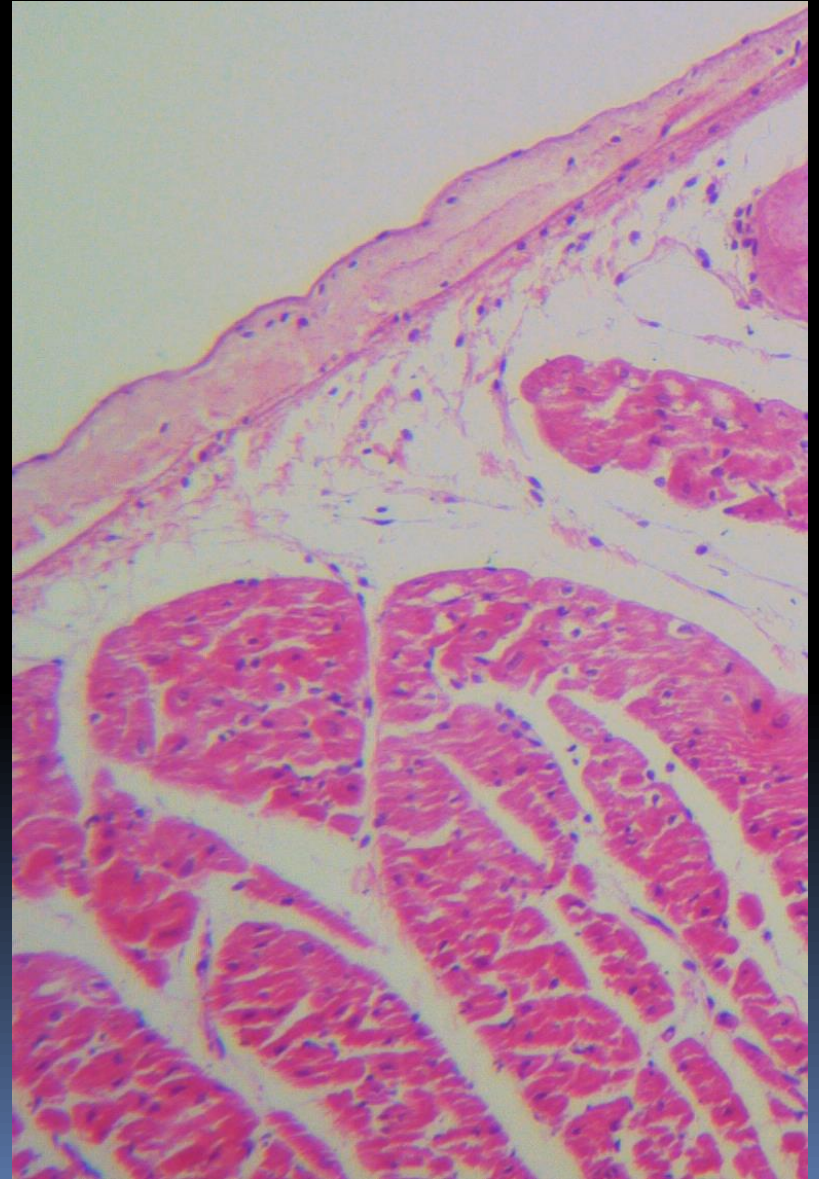
**Normal histologic structure
of the heart**

Pericardiumvisceral –parietal

Epicardium

Myocardium
cardiac muscles.

Endocardium



Pericarditis



Early

Serous •

Later

Fibrinous •

Finally

Fibrino-purulent •

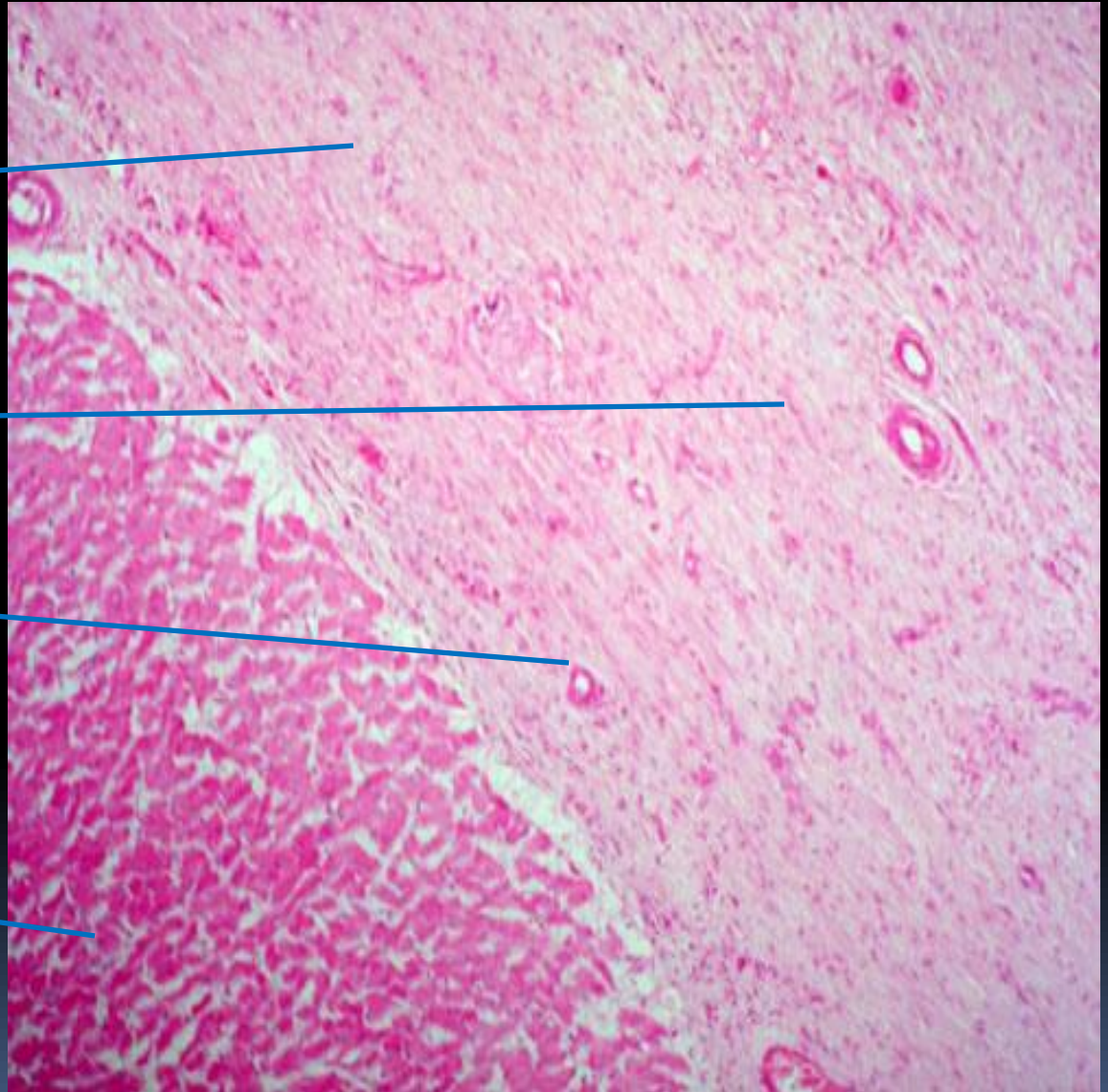
Organized fibrinous
pericarditis :

Collagen

Fibrocytes

Newly formed
blood vessels

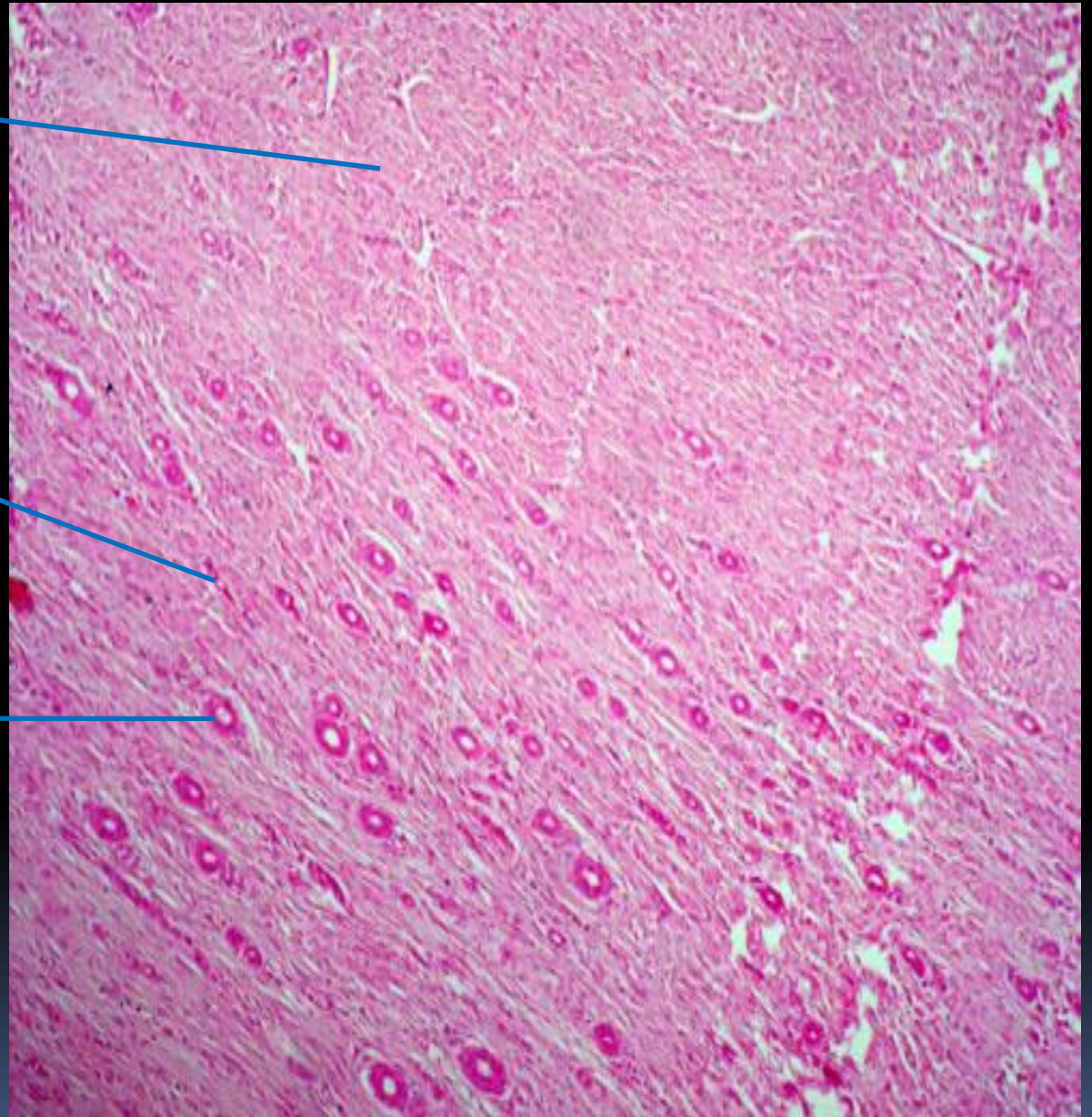
Degeneration &
necrosis of
myocardium



Collagen

Fibrocytes

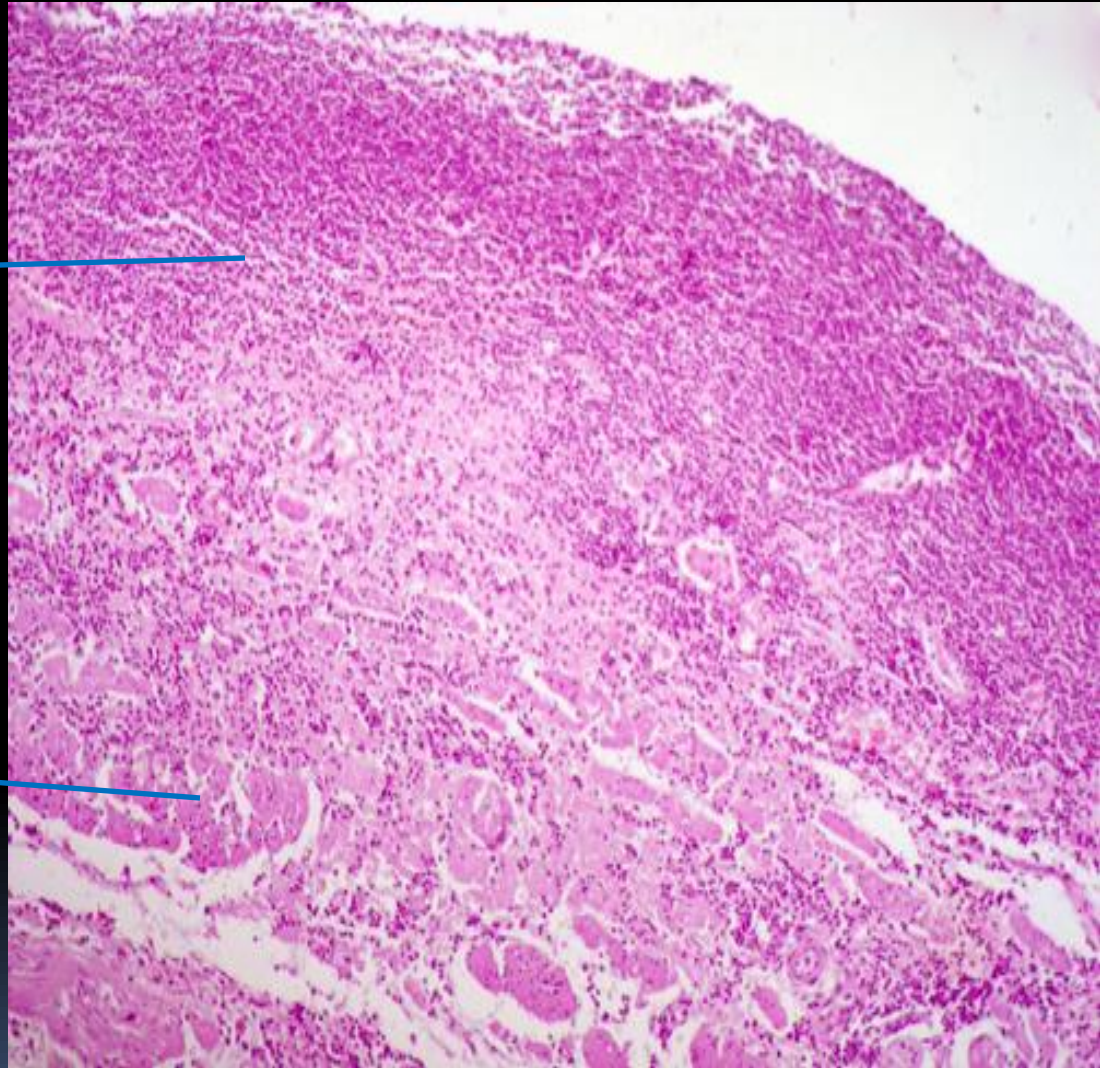
**Newly formed
blood vessels**



Fibrinopurulent pericarditis:

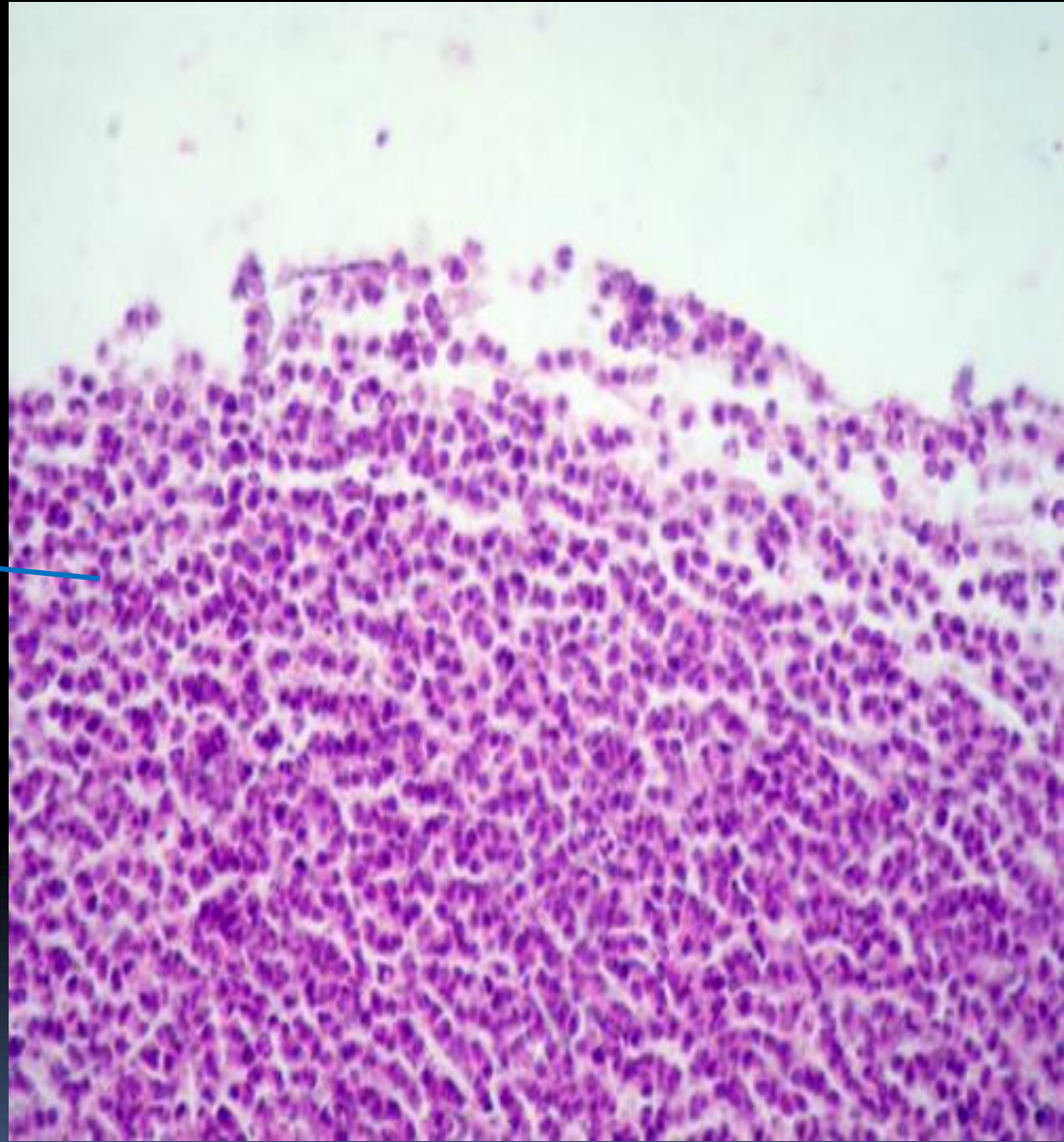
*Fibrin network
infiltrated with
neutrophils*

*Degeneration &
necrosis of heart
muscle*

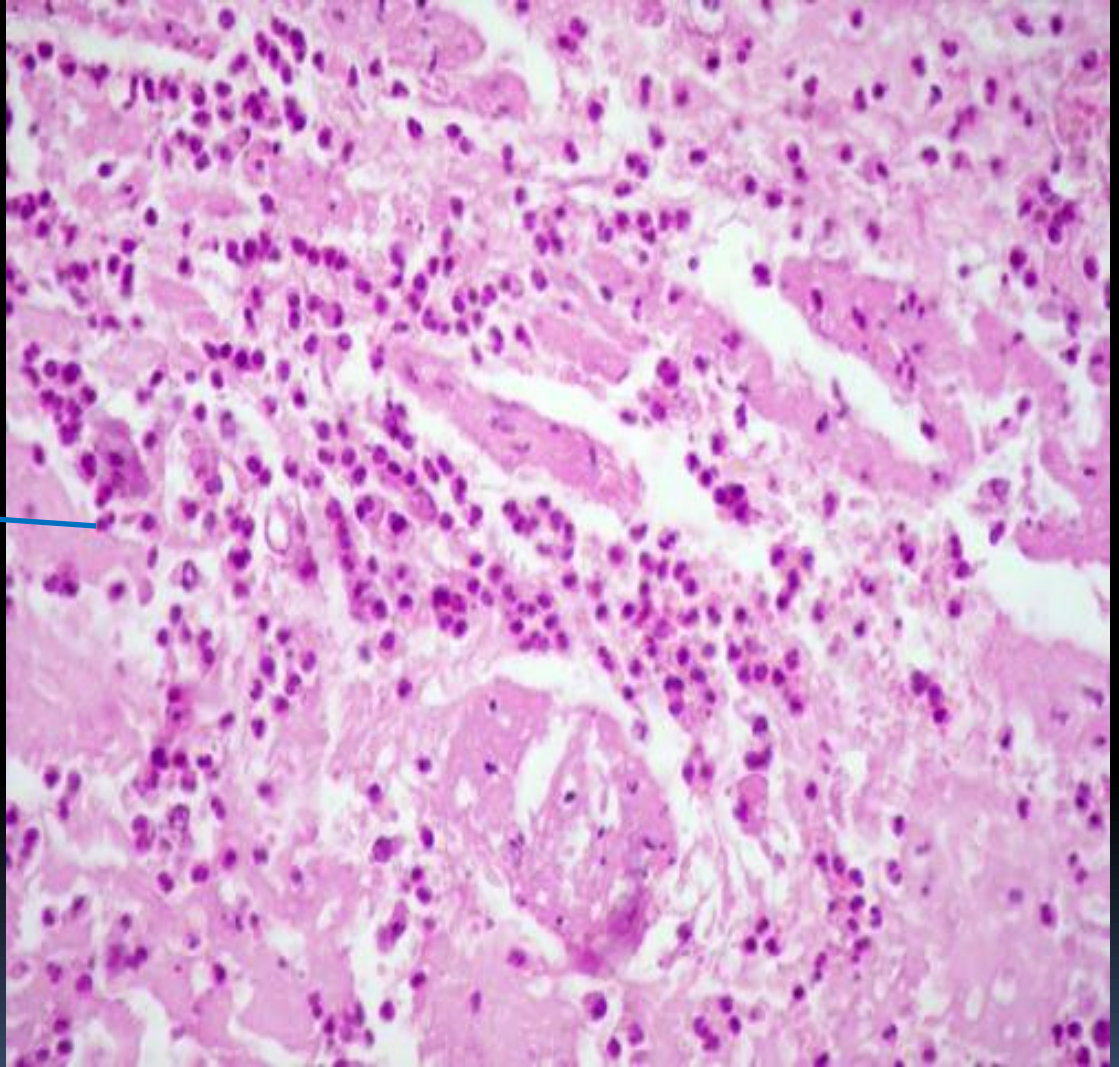


*Fibrin network
infiltrated with
dead cells of
neutrophils*

(Pus cells)



*Degeneration &
necrosis of heart
muscle*





Interstitial Myo...carditis

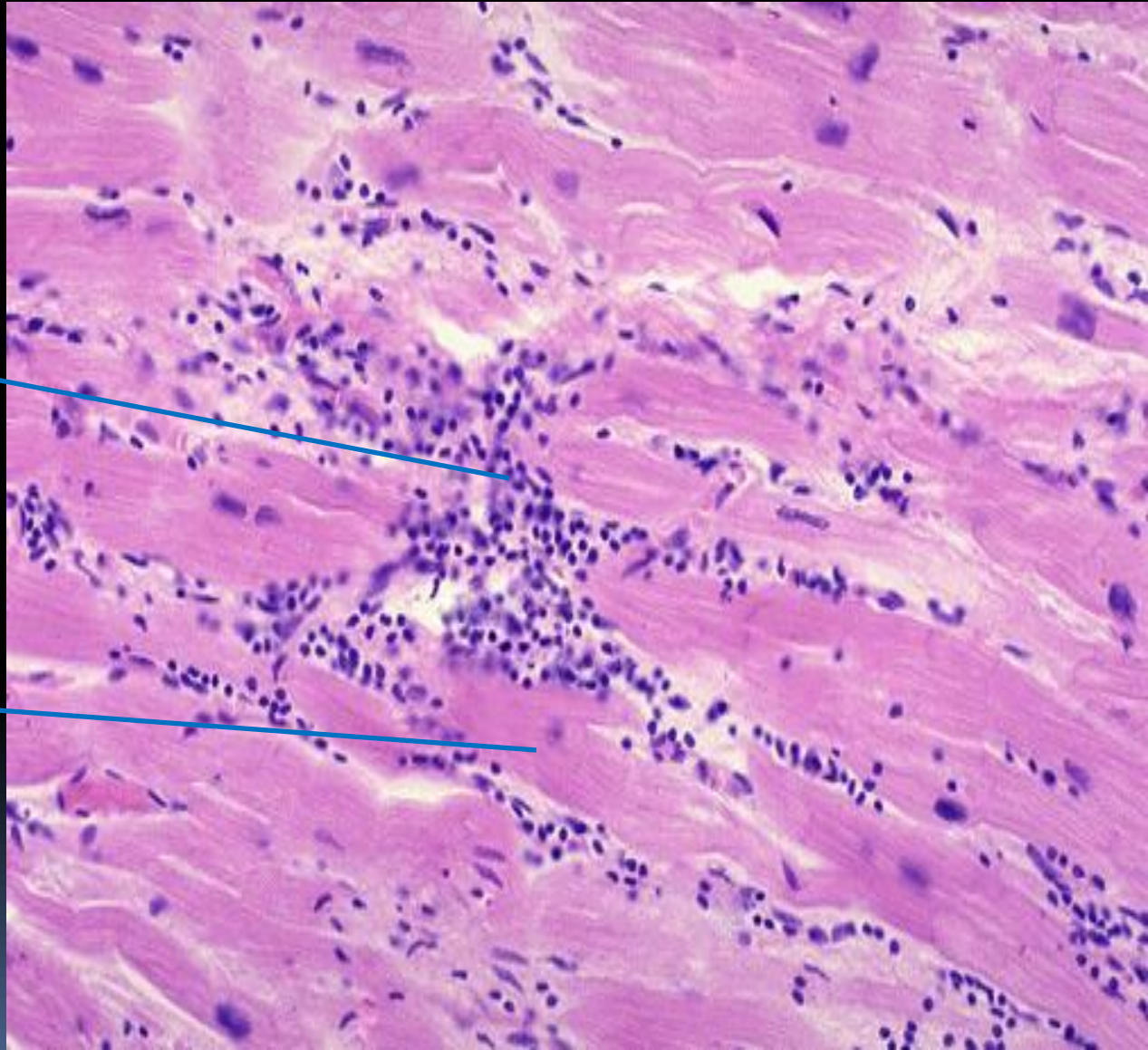
Non suppurative myocarditis

Lymphocytic Myocarditis

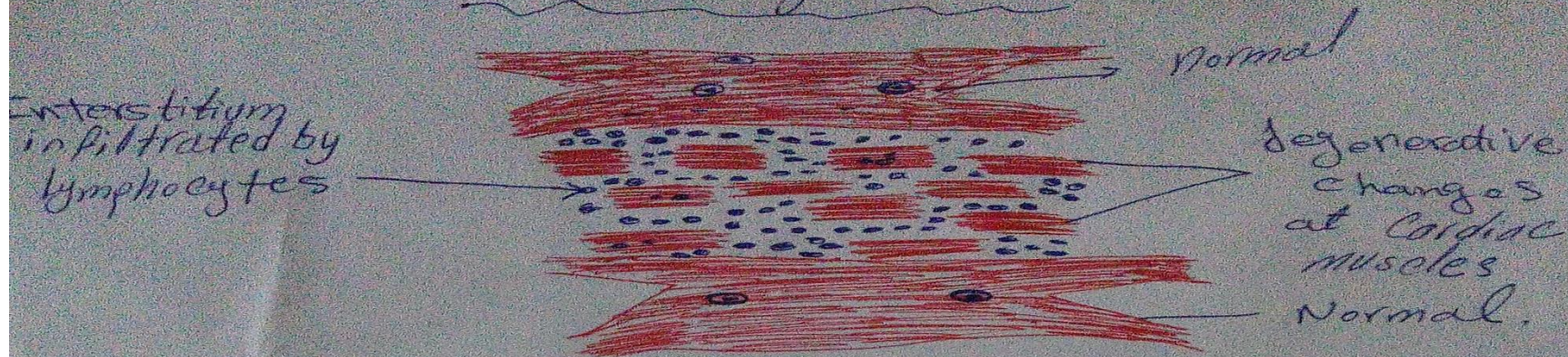
• *Interstitial myocarditis:*

*Infiltration with
inf. Cells
(,lymphocytes)*

*Degeneration &
necrosis of
myocardium*



* interstitial myo carditis



* organized fibrinous per carditis

newly formed blood vessels.

