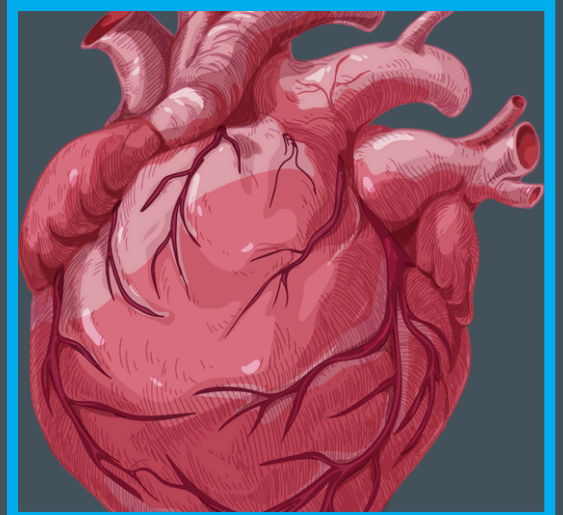


زوح

CVS

Lab



1-What is the labelled structure



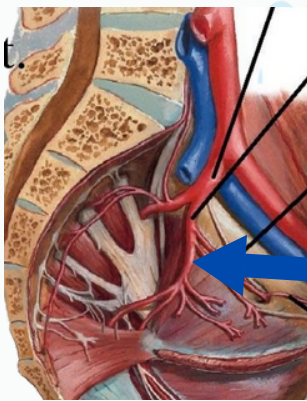
A- popliteal artery

B- femoral artery

C- posterior tibial

Answer: a

2-What is the labelled structure



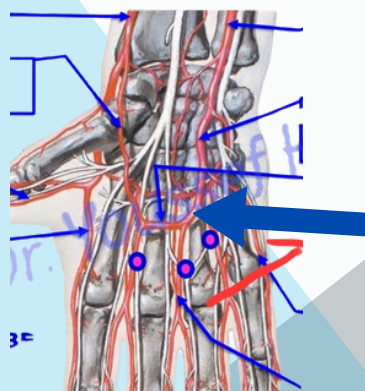
A- popliteal artery

B- femoral artery

C- posterior tibial

Answer: a

3-What is the labelled structure

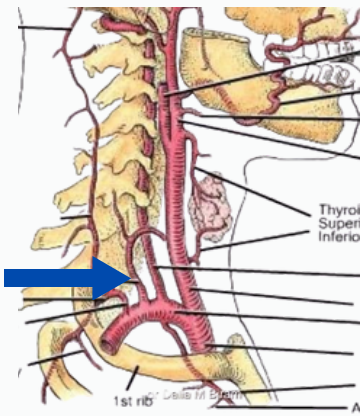


A. Superficial palmar arch

B. deep palmar arch

Answer: A

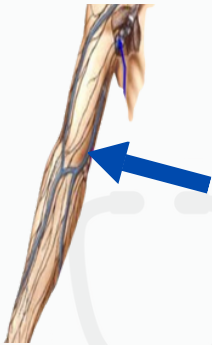
4-What is the labelled structure



- A. Inferior thyroid artery
- b. Thyrocervical trunk

Answer: b

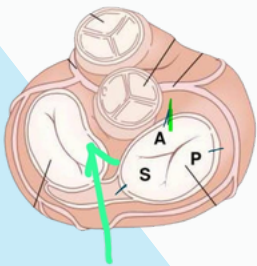
5-What is the labelled structure



- A. Cephalic
- b. Median cubital
- c. Basilic

Answer: c

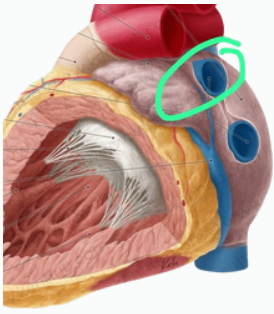
6-What is the labelled structure



- A. Anterior cusp of the mitral valve
- b. Anterior cusp of the tricuspid valve
- C. Posterior cusp of the mitral valve

Answer: A

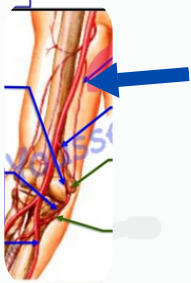
**7-What is the labelled structure**



- A. Right pulmonary vein**
- b. Right pulmonary artery**
- C. Left pulmonary vein**
- d. Left pulmonary artery**

**Answer: c**

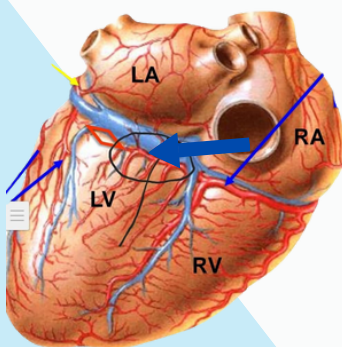
**8-What is the labelled structure**



- A.Superior ulnar collateral artery**
- B.Inferior ulnar collateral artery**
- C.Posterior branch of inferior ulnar collateral artery**
- D.Posterior ulnar recurrent artery**

**Answer: a**

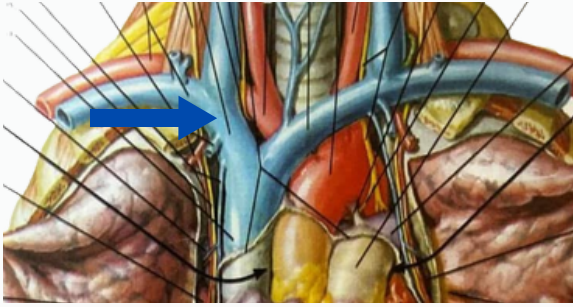
**9-What is the labelled structure**



- A.right coronary artery**
- B. left coronary artery**
- C.circumflex artery**

**Answer: a**

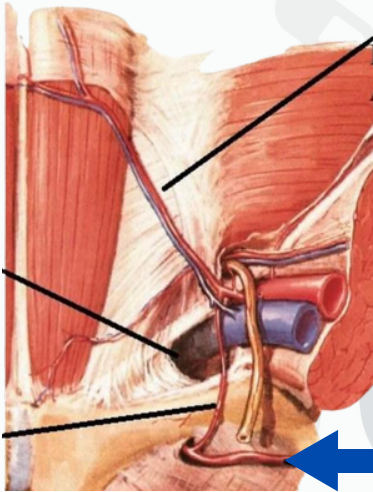
**10-What is the labelled structure**



- A. subclavian vein**
- B. Internal thoracic vein**
- C. right brachiocephalic vein**

**Answer: C**

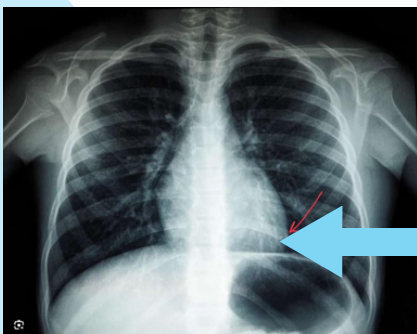
**11-What is the labelled structure**



- A. obturator artery**
- B. Inferior epigastric artery**

**Answer: a**

**12-What is the pointed structure**



**Apex of the heart**

# HISTO

13- choose the true statement regarding this pic



adventitia have vaso vasorum

14-this vessel is

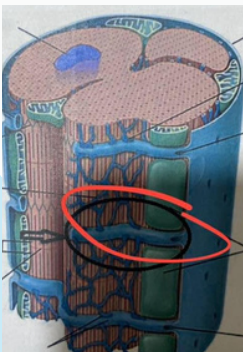


A-radial artery

b- aortic artery

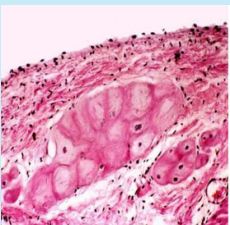
Answer: A

15- choose the true statement regarding this pic



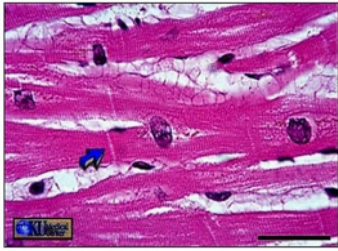
A- Diad at Z line

Incorrect



- 1) contain glycogen
- 2) in group
- 3) low myofibrils
- 4) no T tubules
- 5) smaller than cardiomyocytes

16- choose the true statement regarding this pic



Has multiple large mitochondria

# PATHO

17- choose the true statement regarding this pic



- A. arthritis
- B. Carditis
- C. arrhythmia, murmurs
- D. fever
- C. Erythema Marginatum
- D. Chorea

Answer: c

18- one of the following not associated with hic condition



- 1) loss elastin
- 2) loss collagen
- 3) mutation in TP53
- 4) systemic hypertension
- 5) atherosclerosis

Answer: 3

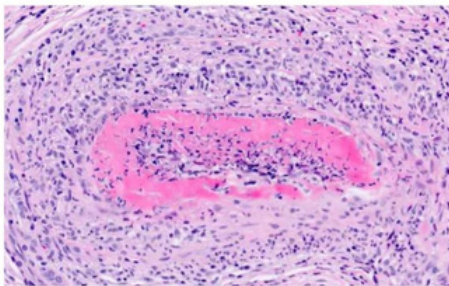
19- stain using to diagnose?



- 1)elastin stain
- 2)Masson
- 3)Gimsa

Answer: A

20- Cause of this condition



- 1)c-ANCA
- 2) immune complex deposition
- 3)granuloma formation
- 4)the most common paraneoplastic vasculitiss

Answer: B

21- Correct sentence about this picture

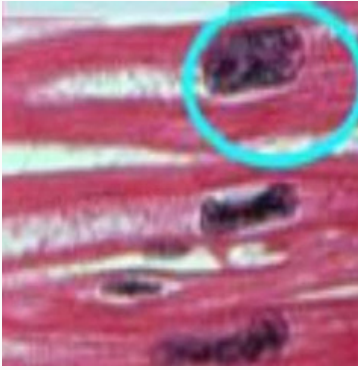


- 1) proceeded in histology with colony of pathogens
- 2)anti endothelial cell antibodies
- 3)vasculitiss of child hood affect small to medium arteries
- 4)antibiotic can correct cardiac manfisation

Answer: B



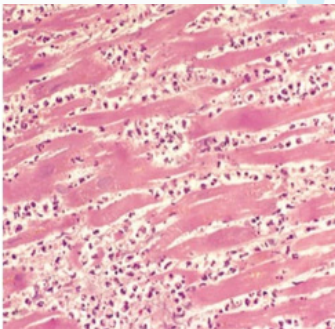
22- choose the wrong answer



- 1) left ventricular hypertrophy
- 2) atrial enlargement
- 3) right ventricular hypertrophy
- 4) hypertension
- 5) normal heart size

Answer: 5

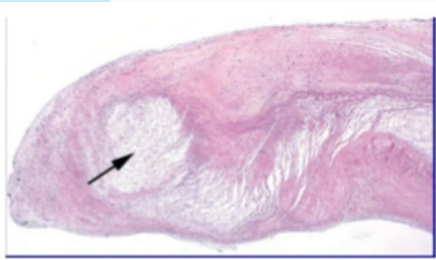
23-Time for this biopsy (from the time of insult)?



- 1) 1-3 days , post mortum
- 2) 7-10 days , post mortum
- 3) 10-14 days , post mortum
- 4) more than one month

Answer: A

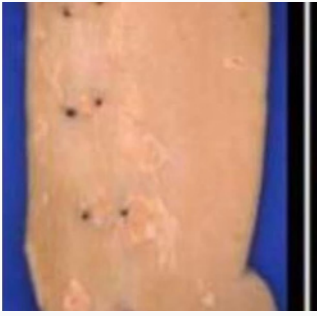
24- correct



- 1) abnormal collagen type V
- 2) deposition of glycosaminoglycan
- 3) thin fibrosa
- 4) associated with down syndrome

Answer: 2

**25- What correct about this pathology that is the earliest part of atheromatous plaque formation?**



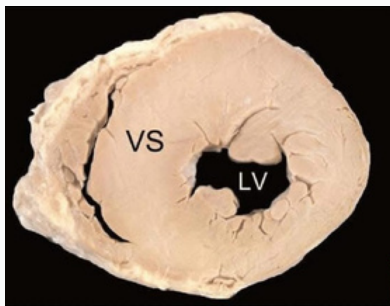
**A. Dense histolytic infiltrate with dense core lipid**

**B. Thick Fibrous cap**

**c. fibrin and platelets**

**Answer: A**

**26- The estimated ejection fraction is ?**



**A. 100%**

**B. 80%**

**C. 40%**

**D. 20%**

**E. 10%**

**Answer: B**

## PHYSIO

**27- Correct about Person with a blood pressure of 130/73?**

**Pulse pressure is 57\***

**28- Position of sphygmomanometer**

**1) at level of the heart, brachial artery**

**2) at level of the heart, Radial artery**

**3) at level of the heart, femoral artery**

**29- What is the cause of Korotkoff sounds?**

**1) produce due to contraction of heart**

**2) produce due to turbulence of blood**

**3) closure of A-V valve**

**4) closure semilunar valve**

**Answer: 2**

**30- Correct about measurement of arterial pressure?**

- 1) sphygmomanometer less accurate than palpatory
- 2) Korotkoff sounds due to laminar flow
- 3) low sound give me the diastolic pressure
- 4) systolic pressure due to first sound
- 5) more inflated some time , give me false low pressure

**Answer: 4**

**31- About R wave , correct sentence?**

- 1) ventricular systole
- 2) duration =0.04
- 3) ventricular repolarization

**Answer:**

**32-Correct about PR interval?**

- 1) two waves
- 2) end of p wave to beginning of QRS
- 3) duration from 0.12 – 0.20 second
- 4) prolonged in tachycardia
- 5) It is a straight line

**Answer: 3**

**33-About ECG , one is correct?**

- 1) aVL is unipolar
- 2) lead two records the potential difference between left leg and left arm
- 3) V2 between V1 and V3
- 4) V6 mid axillary line
- 5) Lead 1 measures the potential at right arm

**Answer: A**

**34. Incorrect about p wave ?**

- A. Its amplitude is 1 m.v
- B. Its duration is 0.1sec
- C. Inverted in nodal rhythm
- D. Atrial depolarization
- E. Positive wave

**Answer: A**