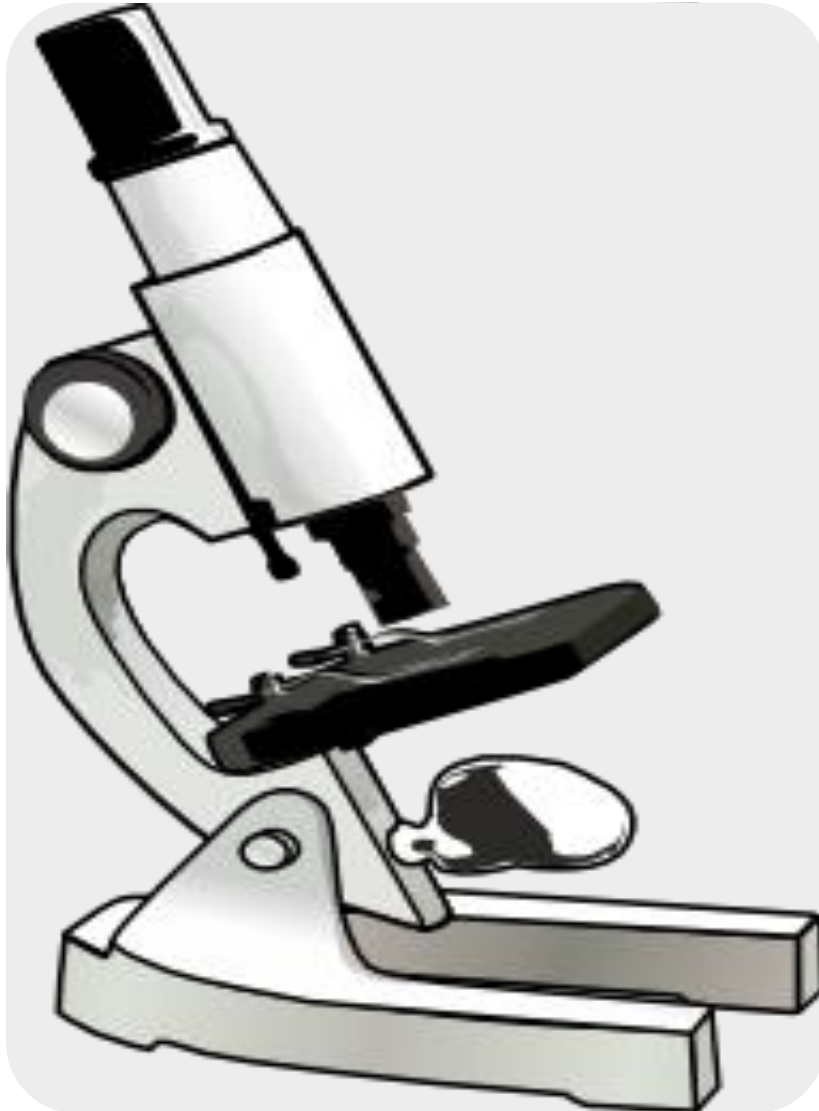


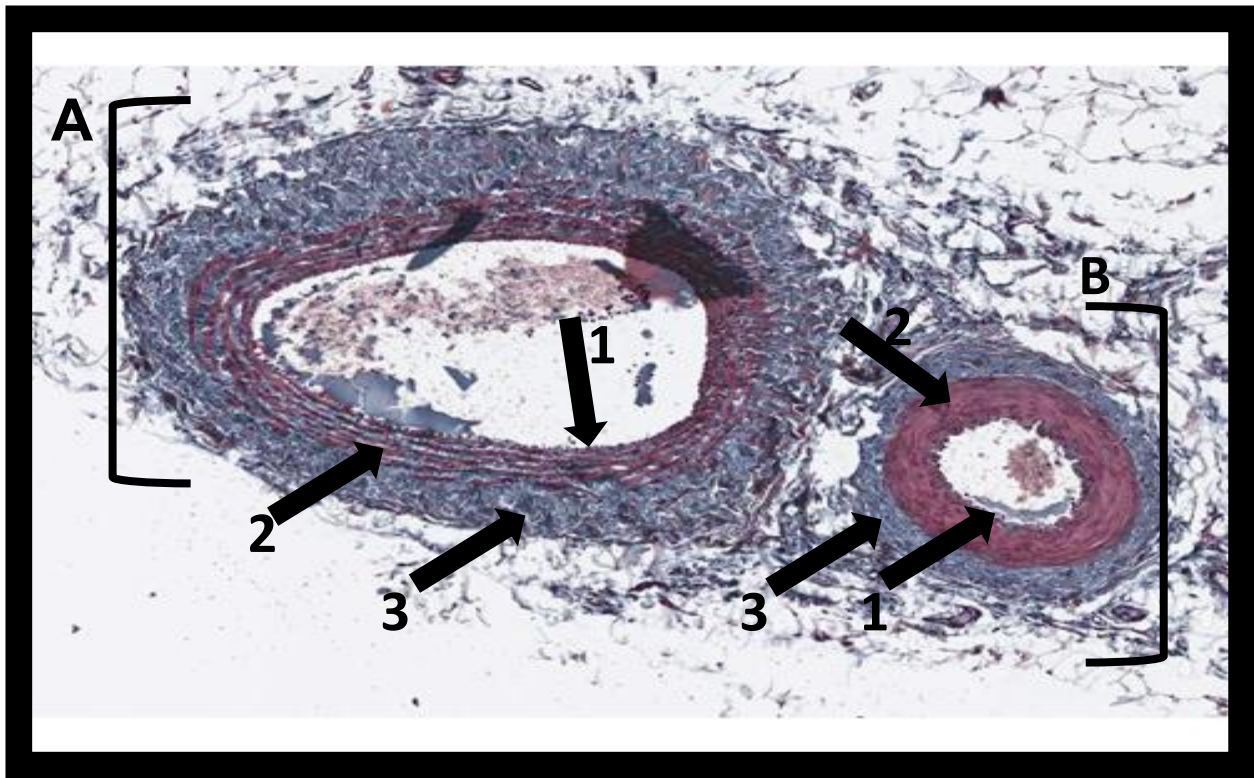
# Histology of CVS system



**Done by 430 Histology team :**

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**Identify : Medium-sized vein and Muscular artery**

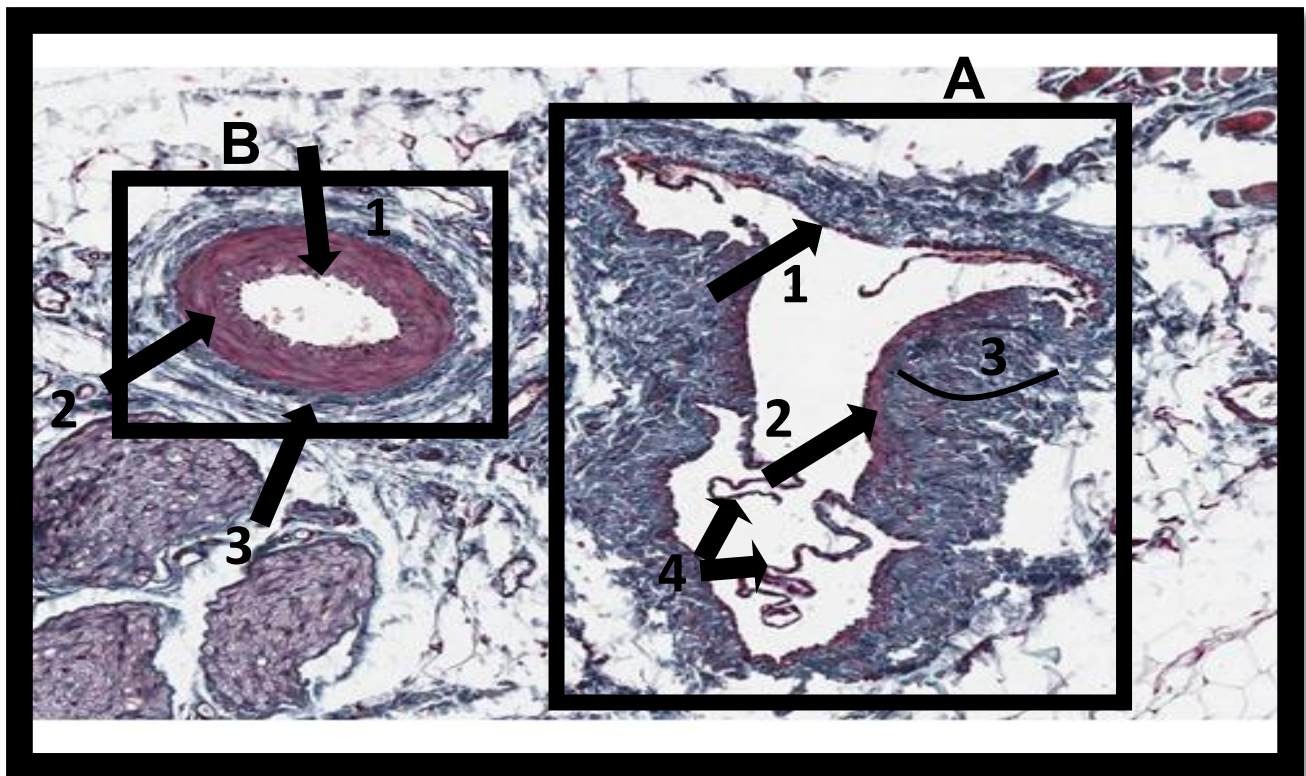
**Identify A: Medium-sized vein**

**Identify B : Muscular artery**

**1- Tunica intima**

**2-Tunica media**

**3-Tunica adventitia**



**Identify: neurovascular bundle**

**Identify A: Medium-sized vein**

**Identify B : Muscular artery**

**1- Tunica intima**

**2-Tunica media (what is the main structure? Smooth muscle )**

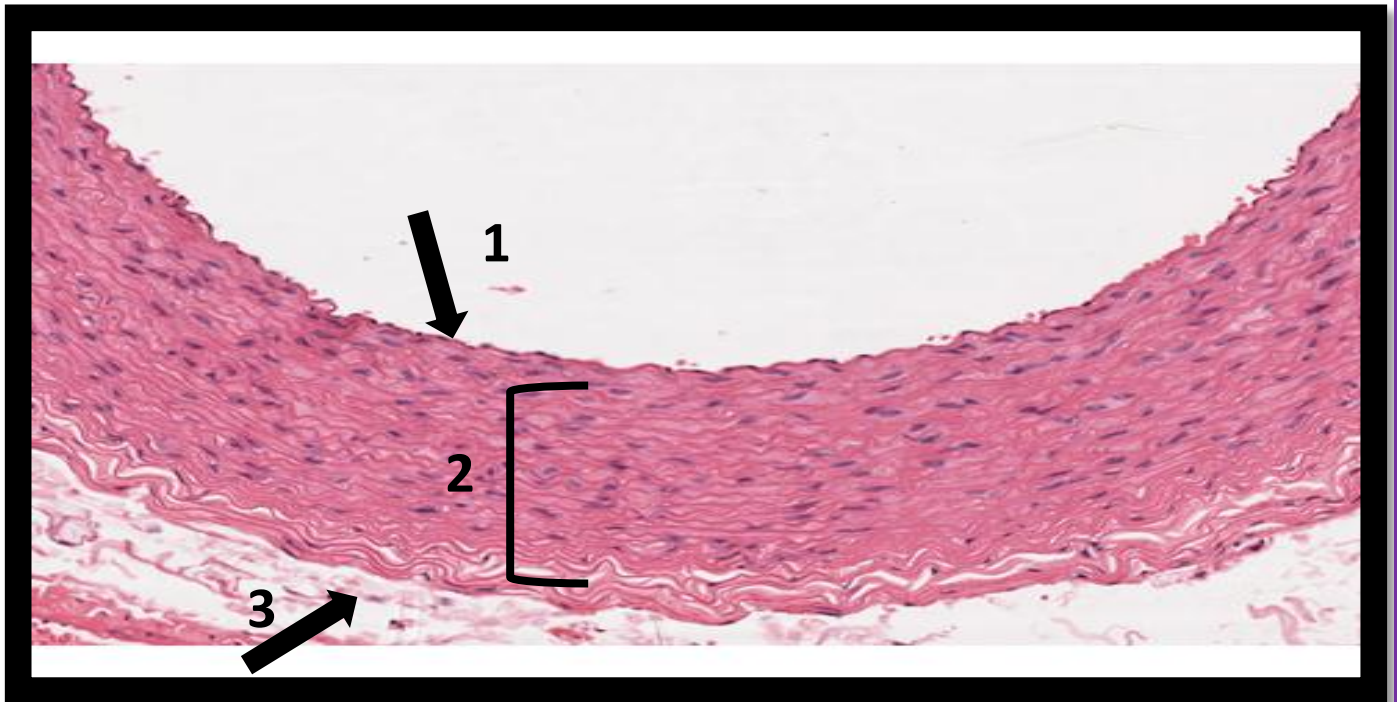
**3-Tunica adventitia**

**4- valve**



**Identify: ELASTIC Artery**



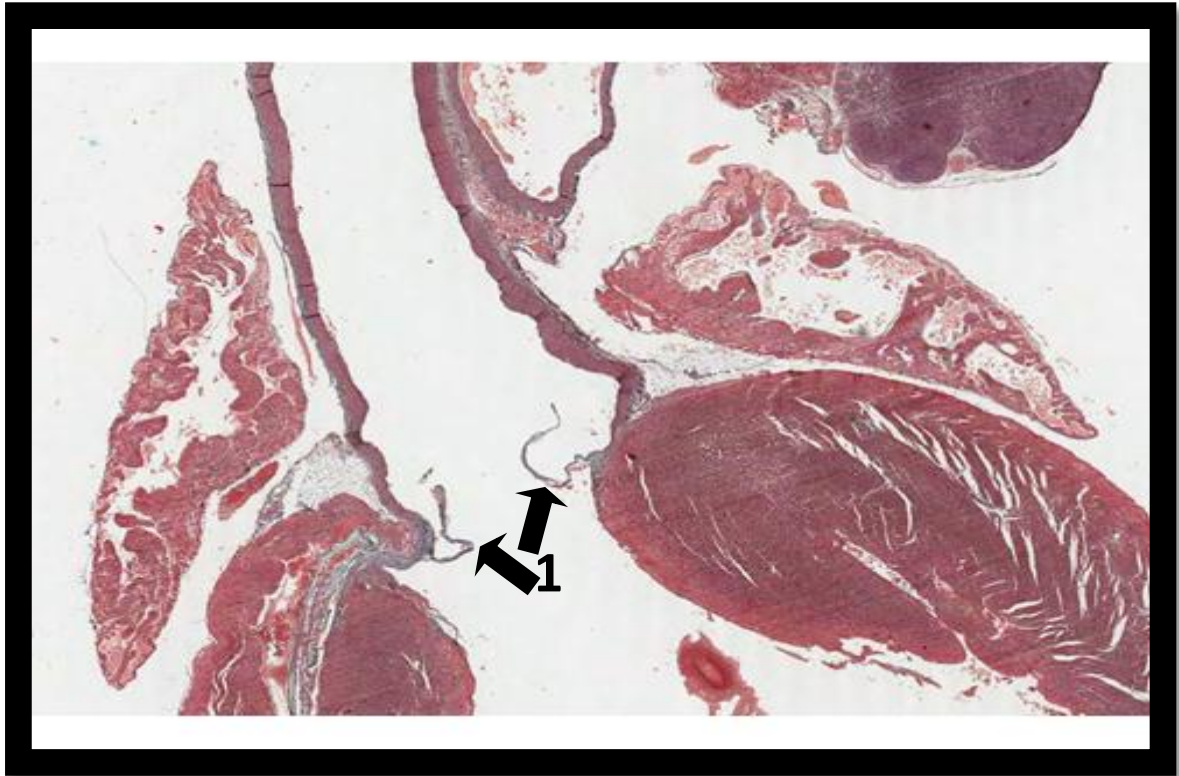


### Identify: ELASTIC Artery

**1- Tunica intima (Endothelium:Single layer of flattened endothelial cells)**

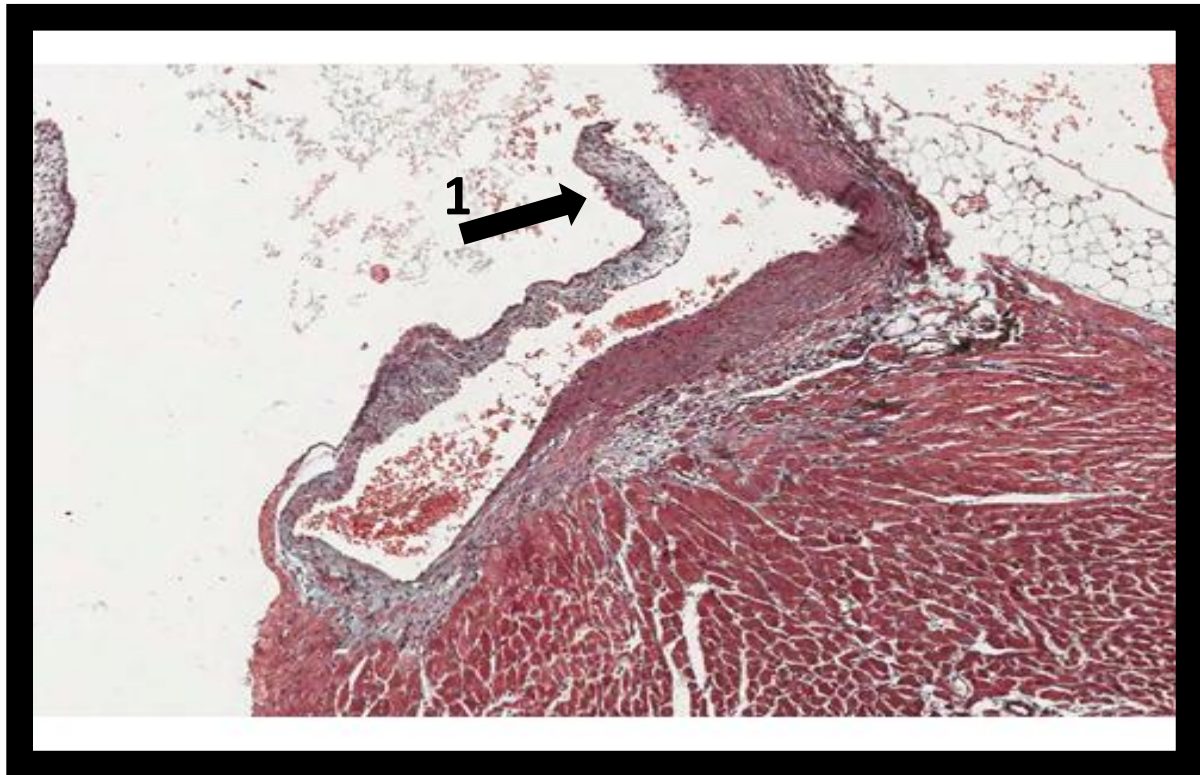
**2-Tunica media(what is the main structure? Fenestrated elastic membrane )**

**3-Tunica adventitia**



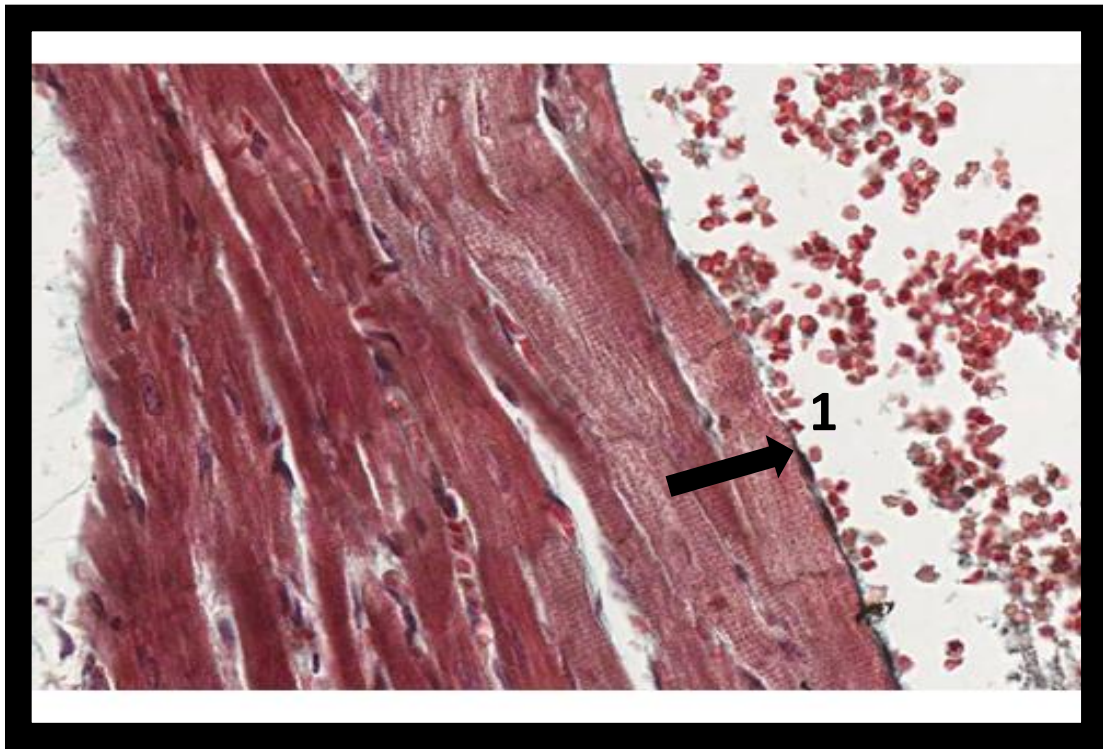
**Identify: : Medium-sized vein**

**1-valve**



**Identify: : Medium-sized vein**

**1-valve**



**Identify: cardiac muscle**

**1- endocardium (simple squamous epithelium) ((for your information))**



**Important points:**

- 1- Tunica media is the thickest layer in artery.**
- 2- Tunica Adventitia is the thickest layer in vein.**
- 3-The valve is composed of (Endothelium+ C.T)**
- 4-It is important to know the organ of each structure ( ex: respiratory team work page 8)**

**APPROVED  
BY  
DR. RAESA**

Good luck all 😊