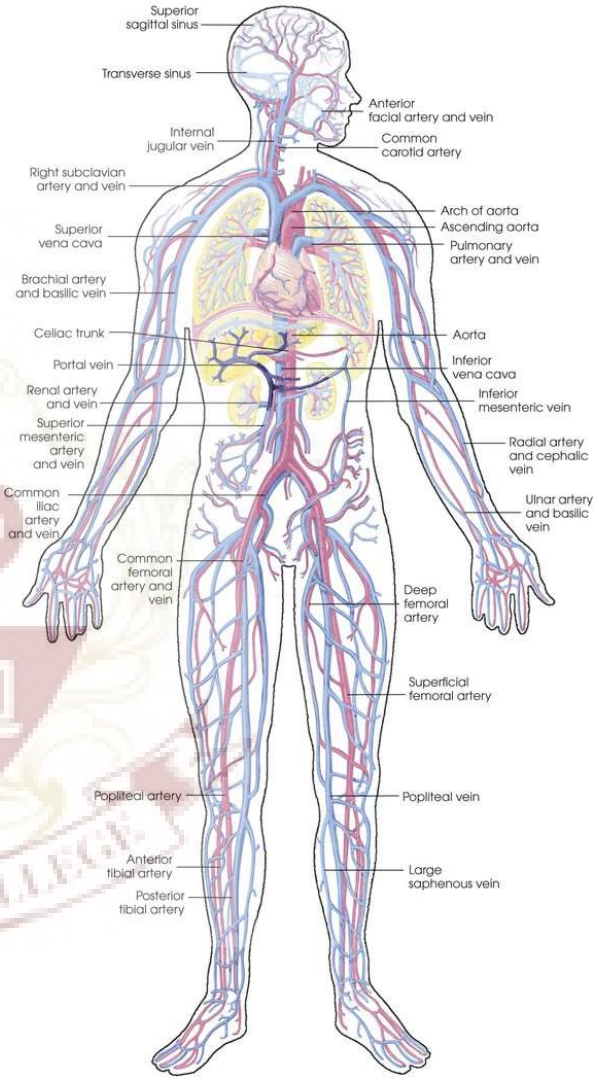
Interventional Radiography Anatomy Review

MRT Program

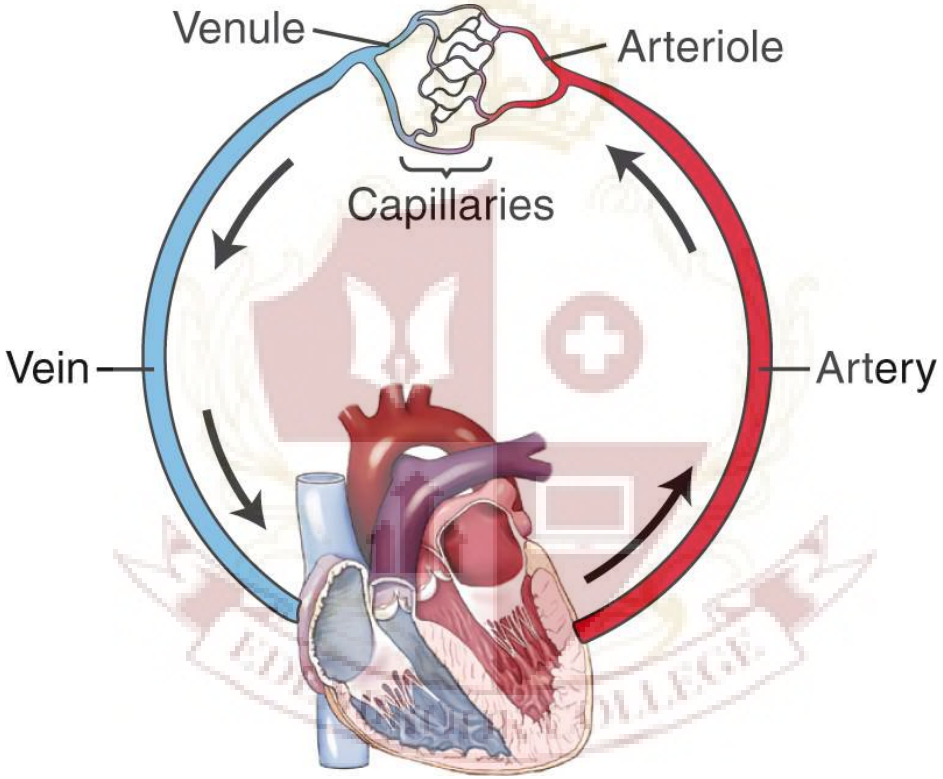
Circulatory System

- Has two complex systems of vessels
- Fluid is transported throughout the body in a continuous unidirectional flow
- Major portion is blood vascular system
- Minor portion is lymphatic system
- Together these systems carry oxygen and nutritive material to tissues
- Also collect an transport carbon dioxide and other waste pf metabolism from tissues to organs off excretion: skin, lungs, liver and kidneys

Major Arteries and Veins

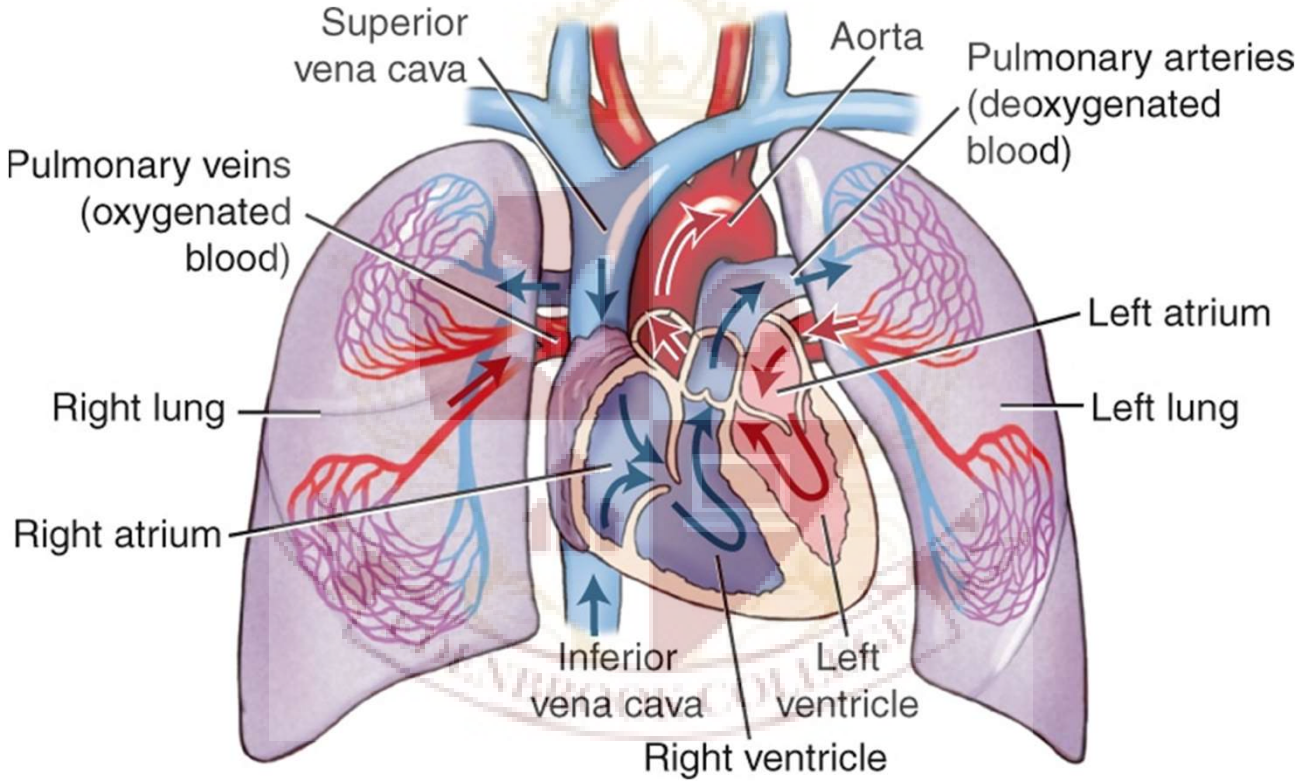


Cardiovascular Circulation



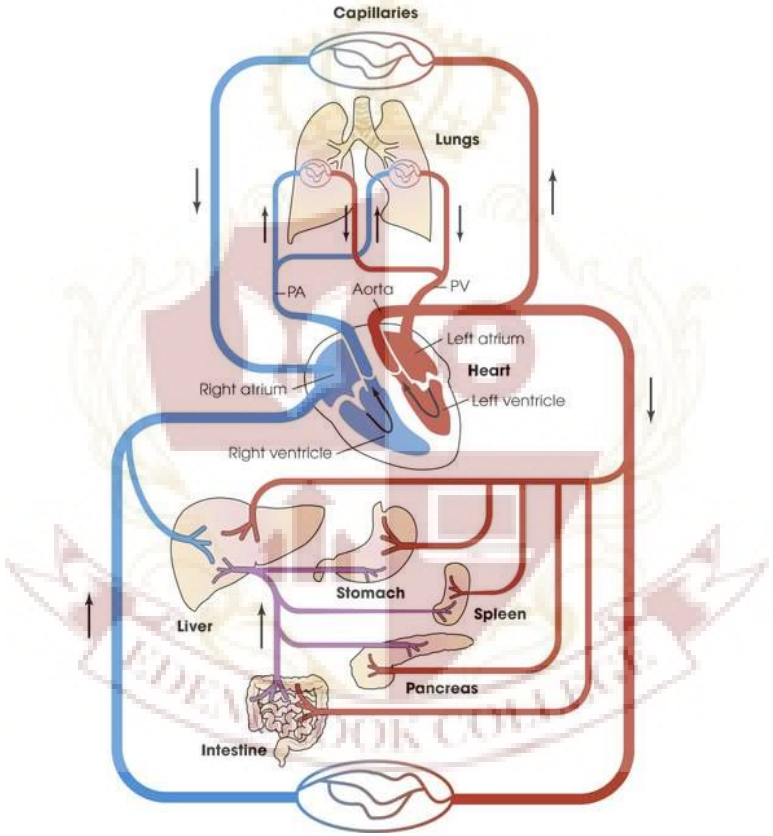
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Pulmonary Circulation



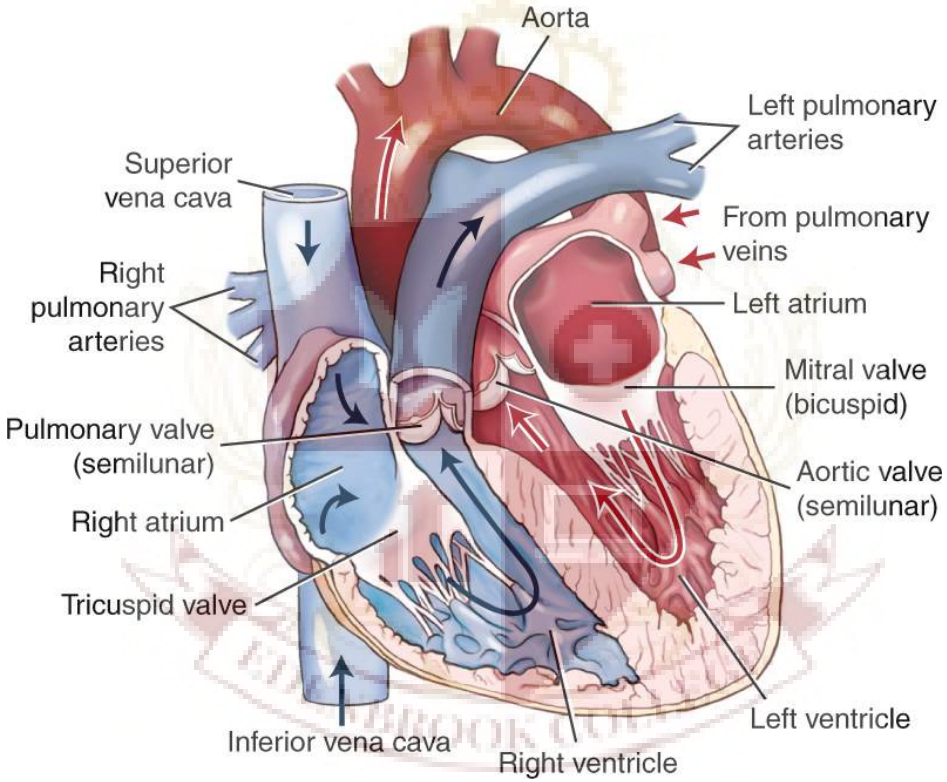
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Pulmonary, Systemic & Portal Circulation



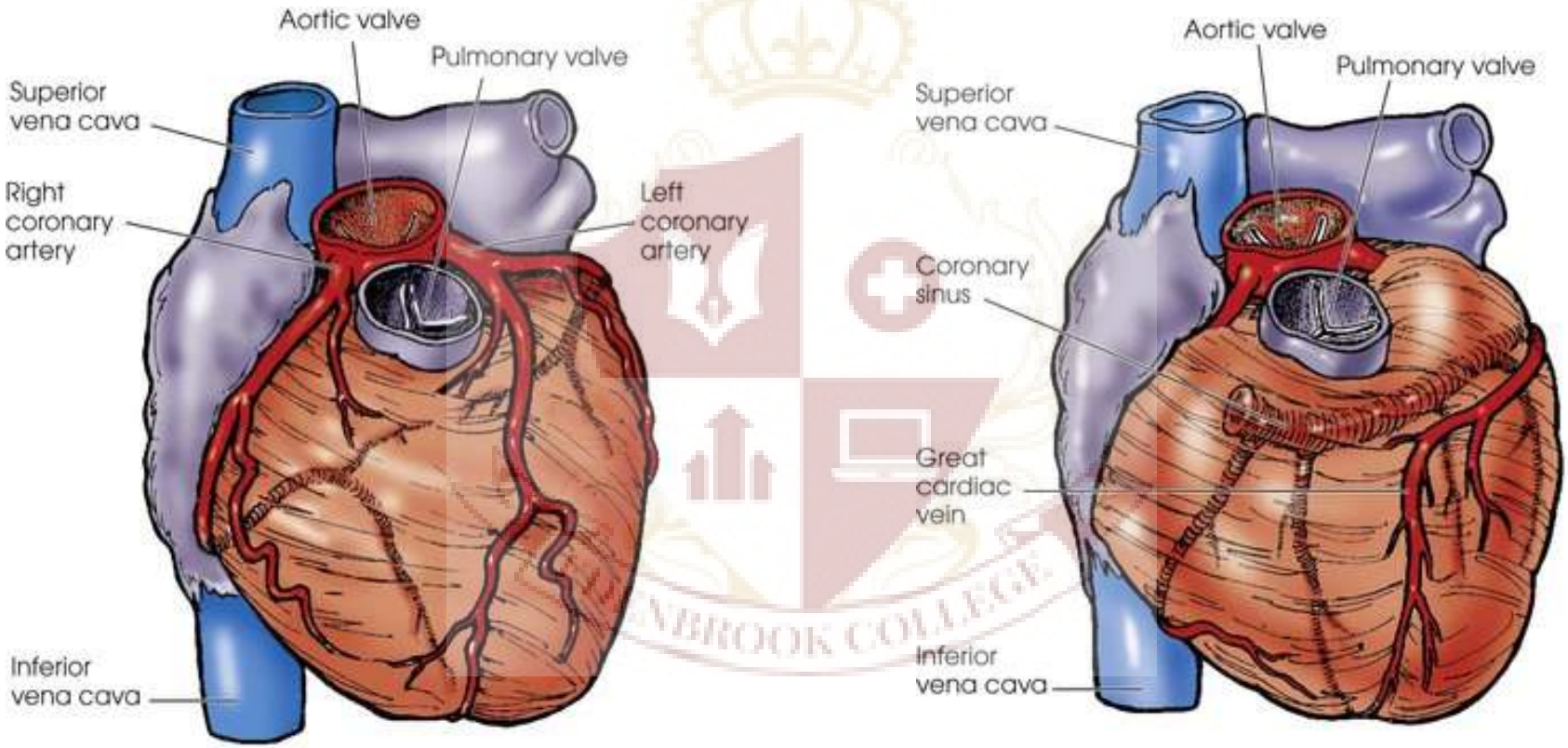
- Merrills

Heart Circulation

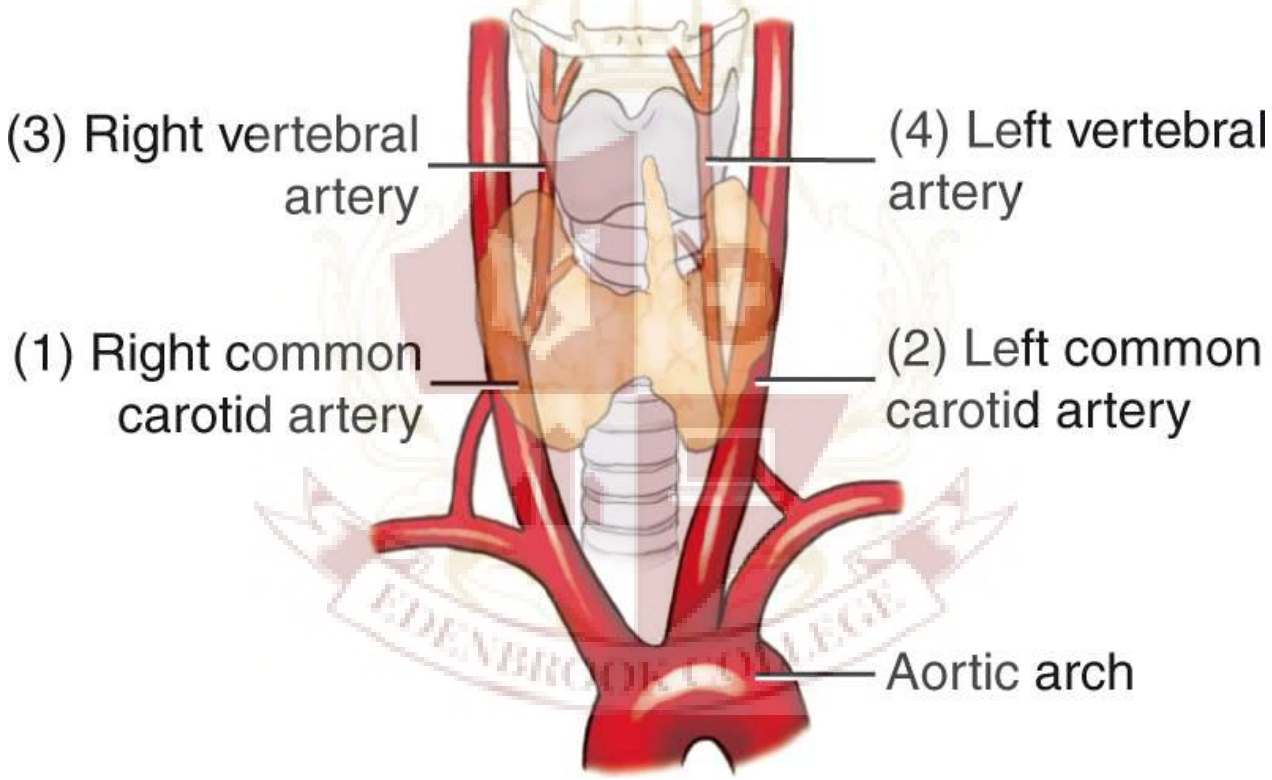


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Anterior View Coronary Arteries and Veins

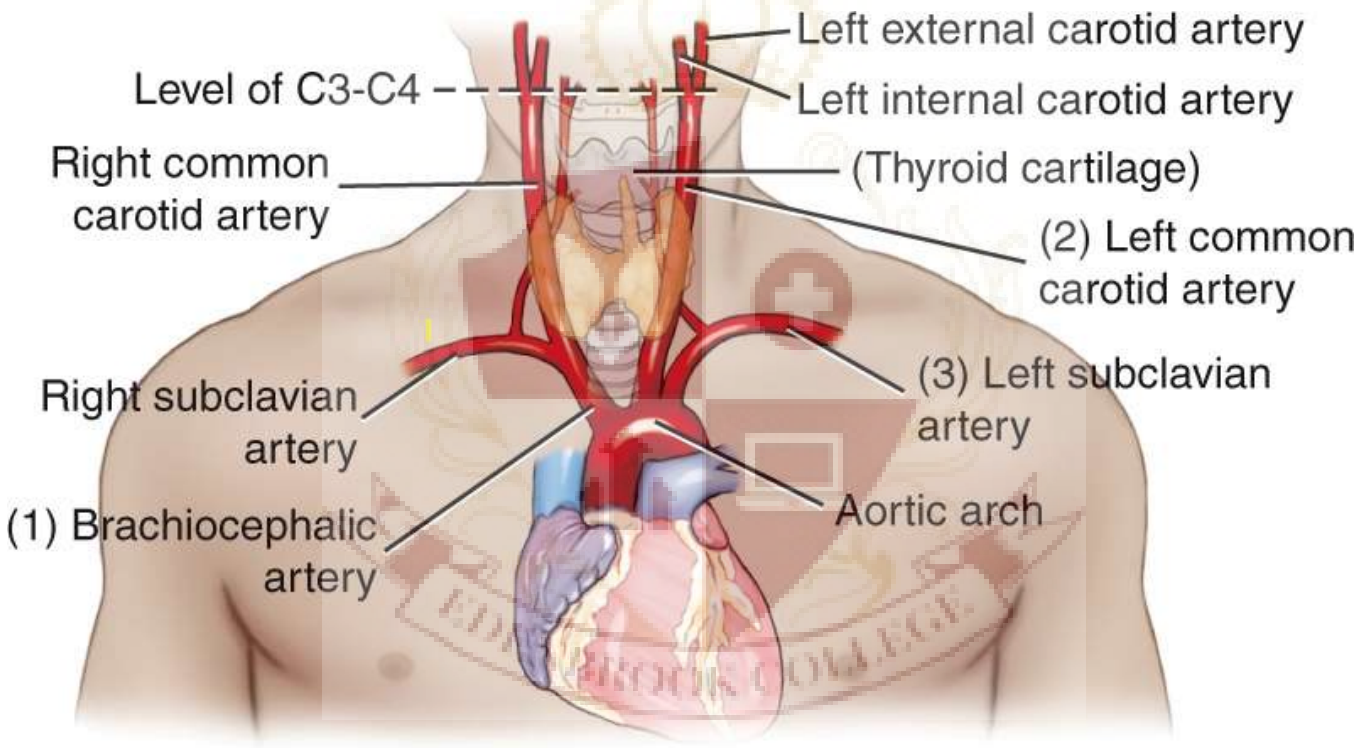


Blood Supply to Brain



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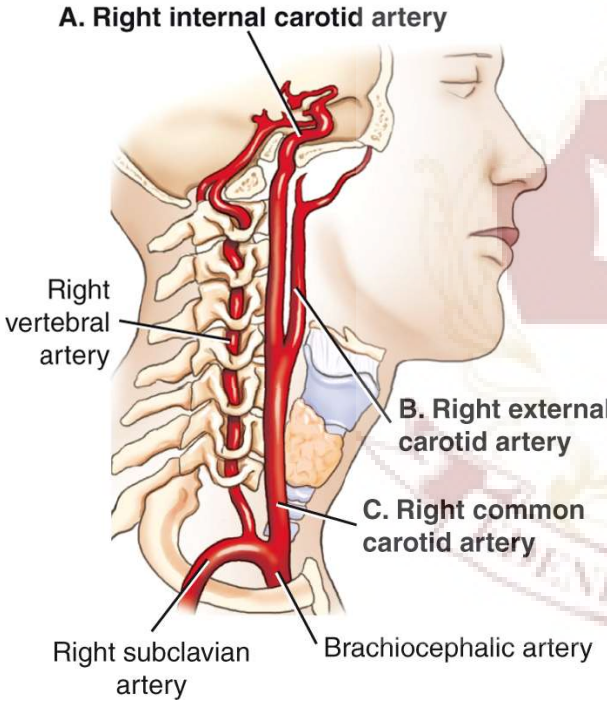
Three Branches of Aortic Arch



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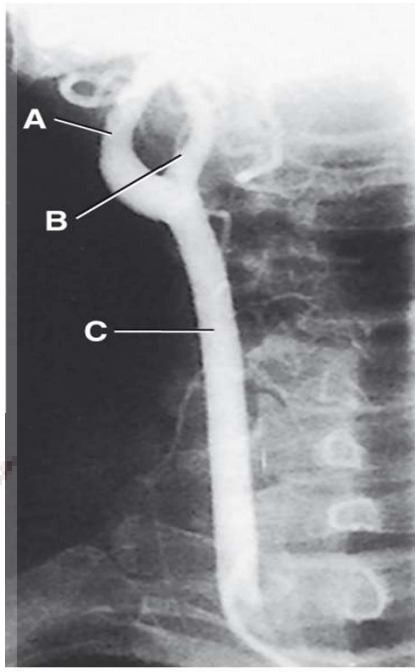
Arteries of Neck and Head

Right side



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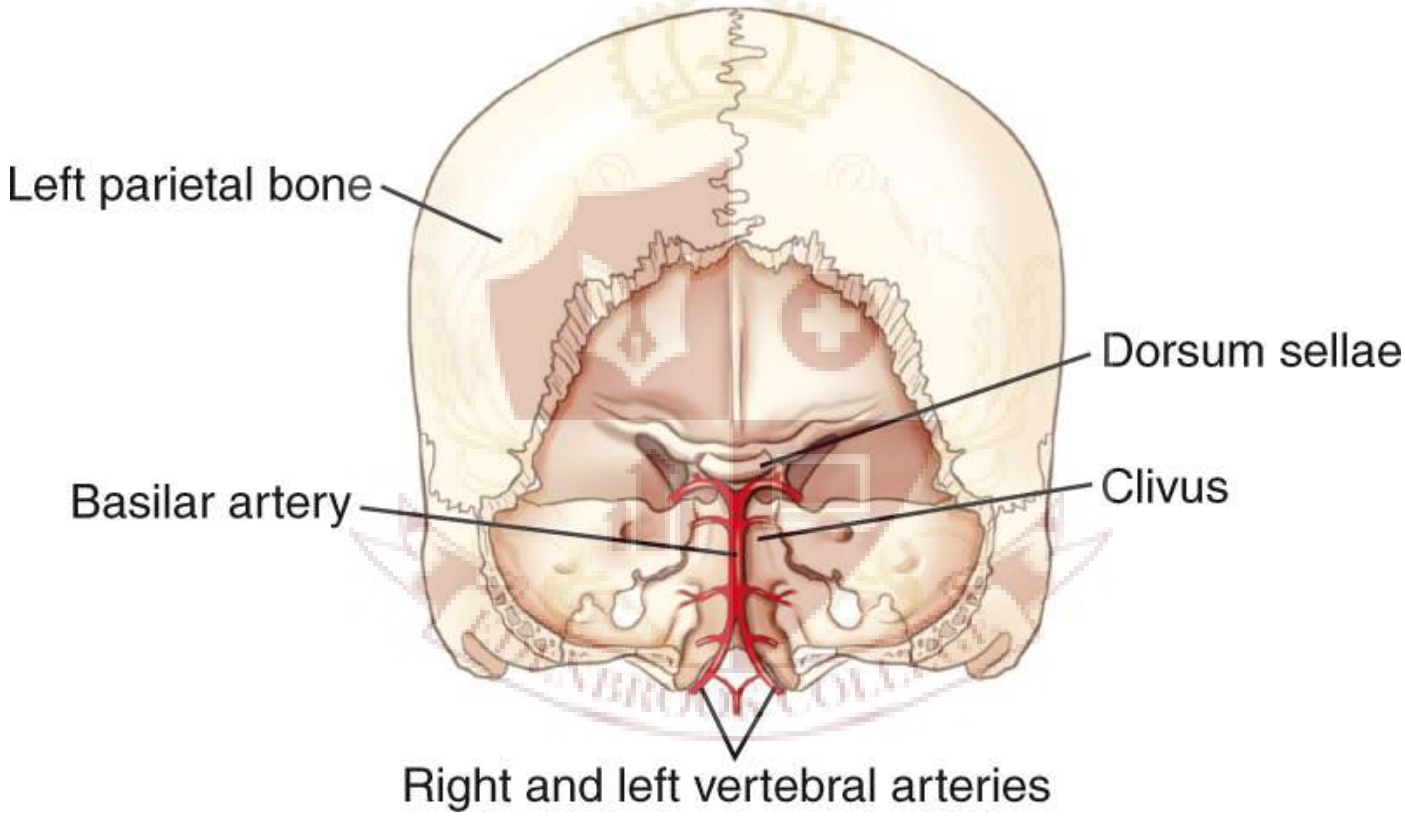
Identify vessels A, B & C



Right common carotid arteriogram

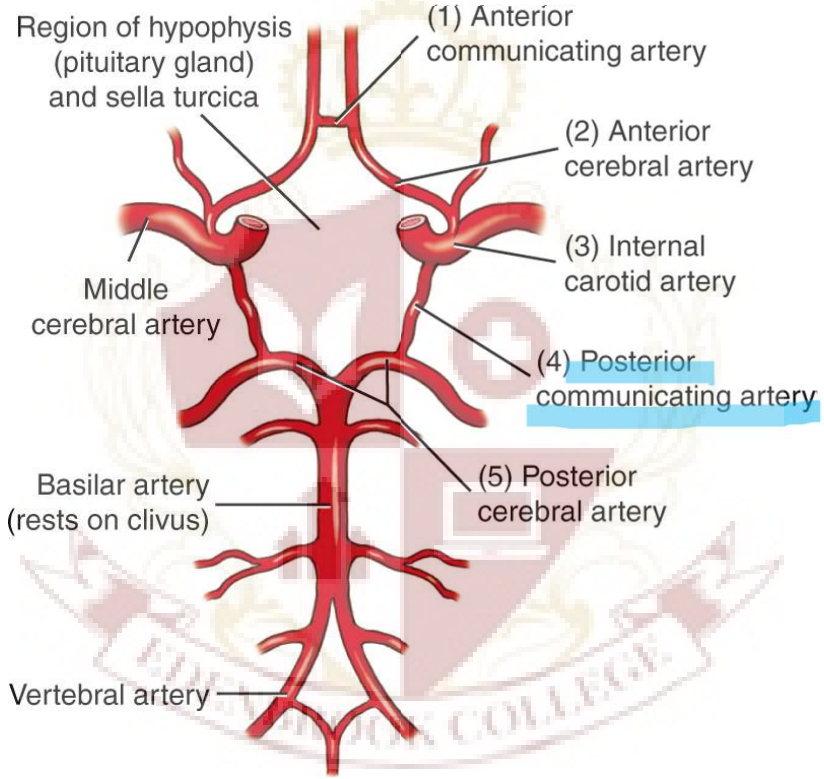
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Vertebrobasilar Arteries



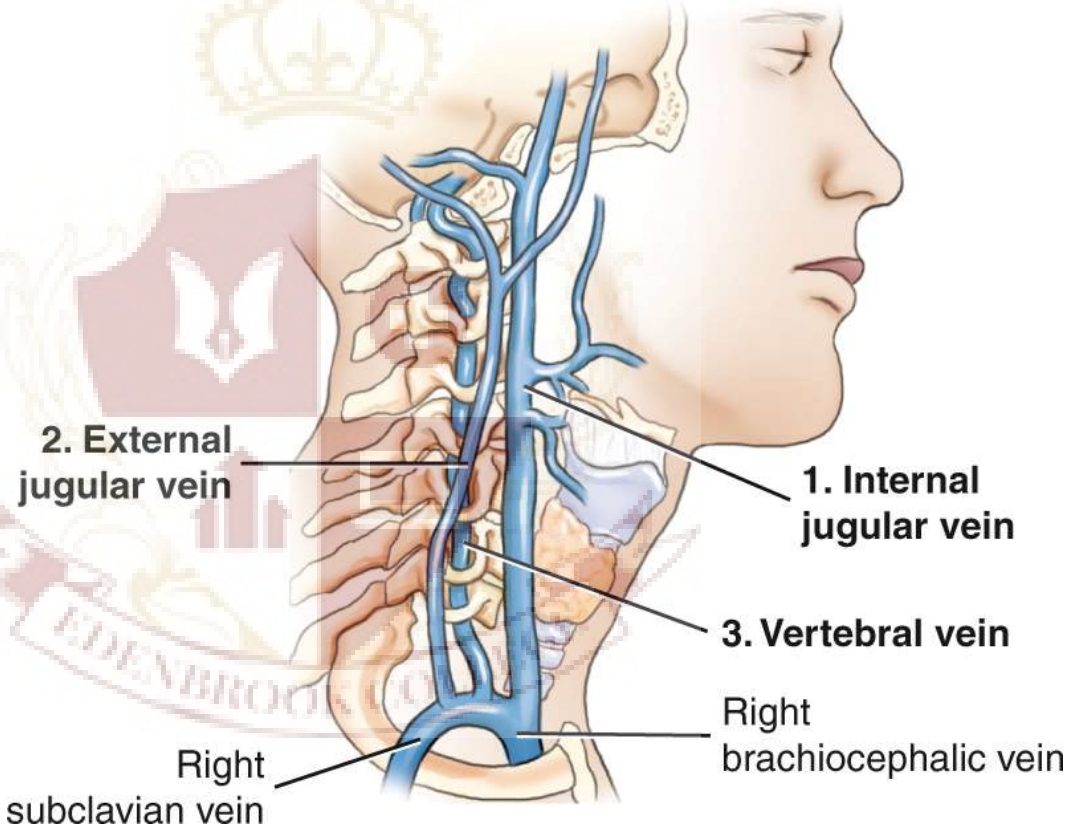
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Arterial Circle (Circle of Willis)



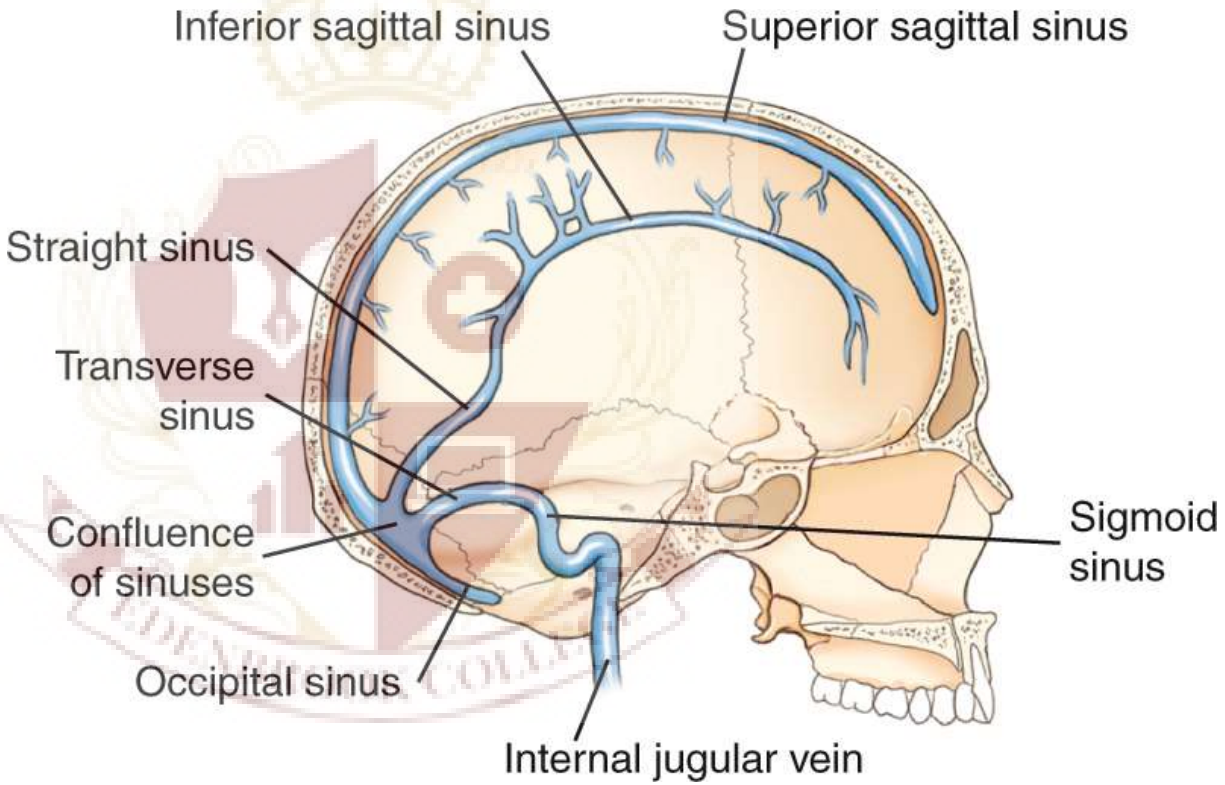
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Great Veins of the Neck



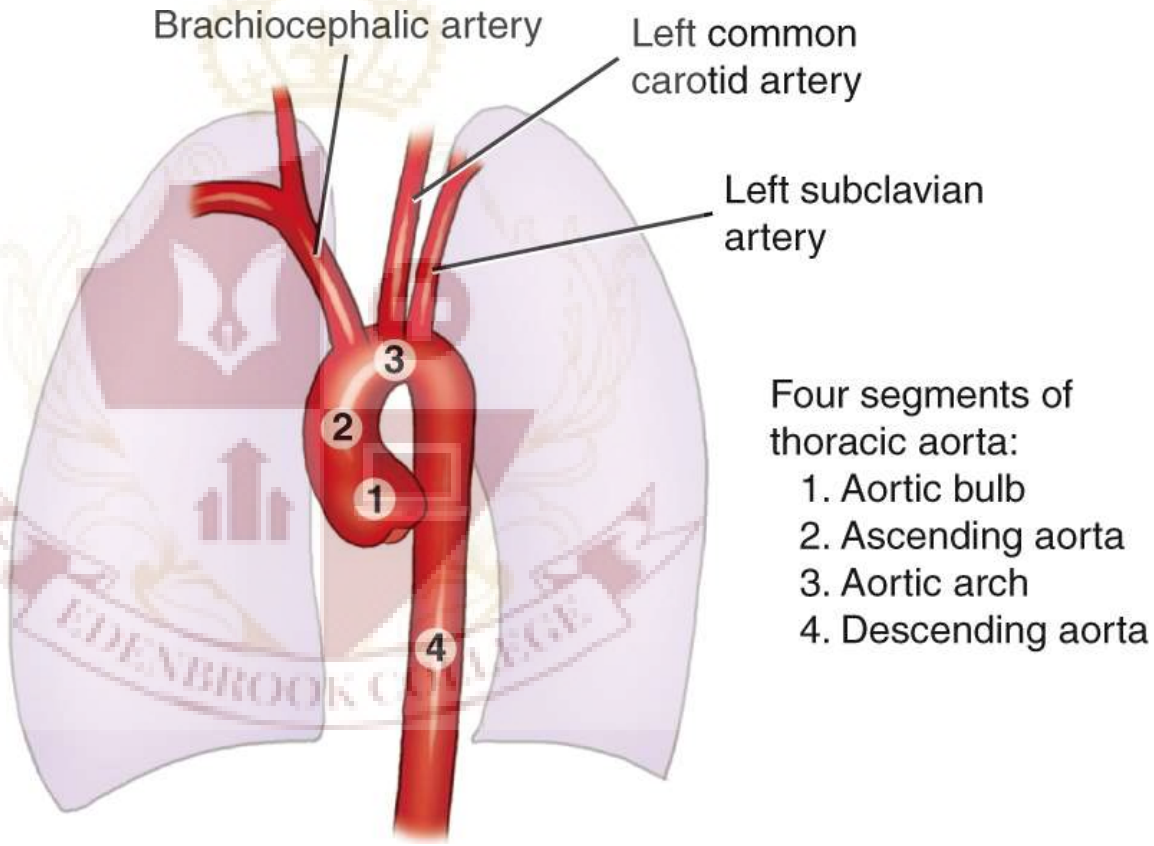
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Dura Mater Sinuses (Venous Channels)



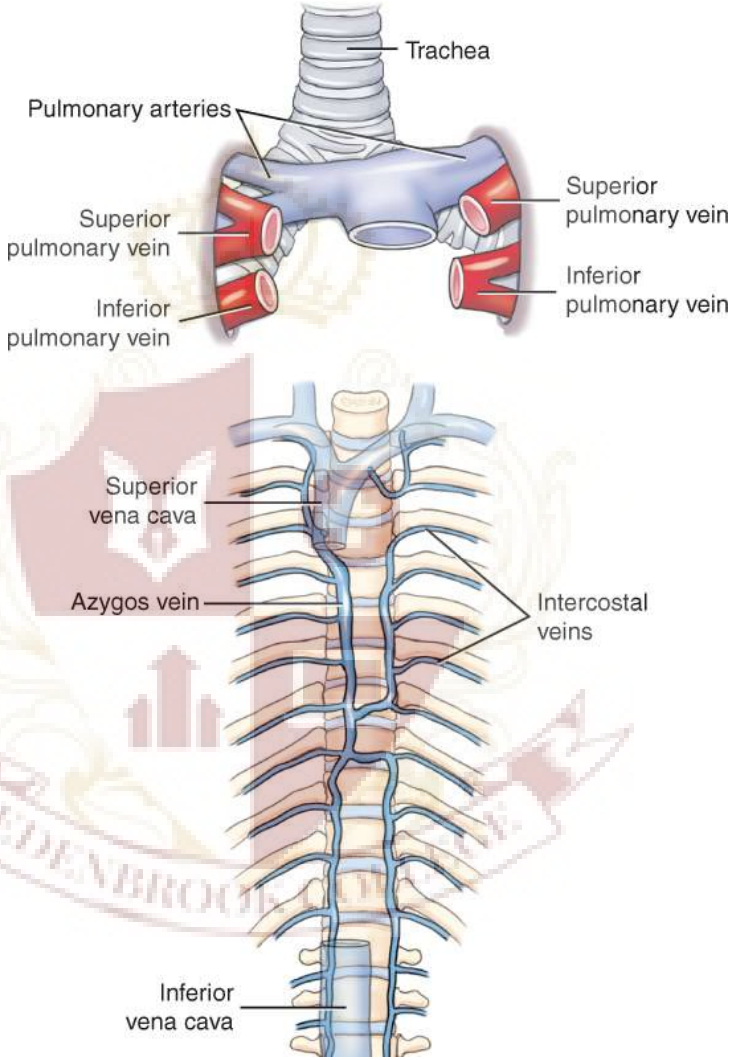
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Thoracic Aorta



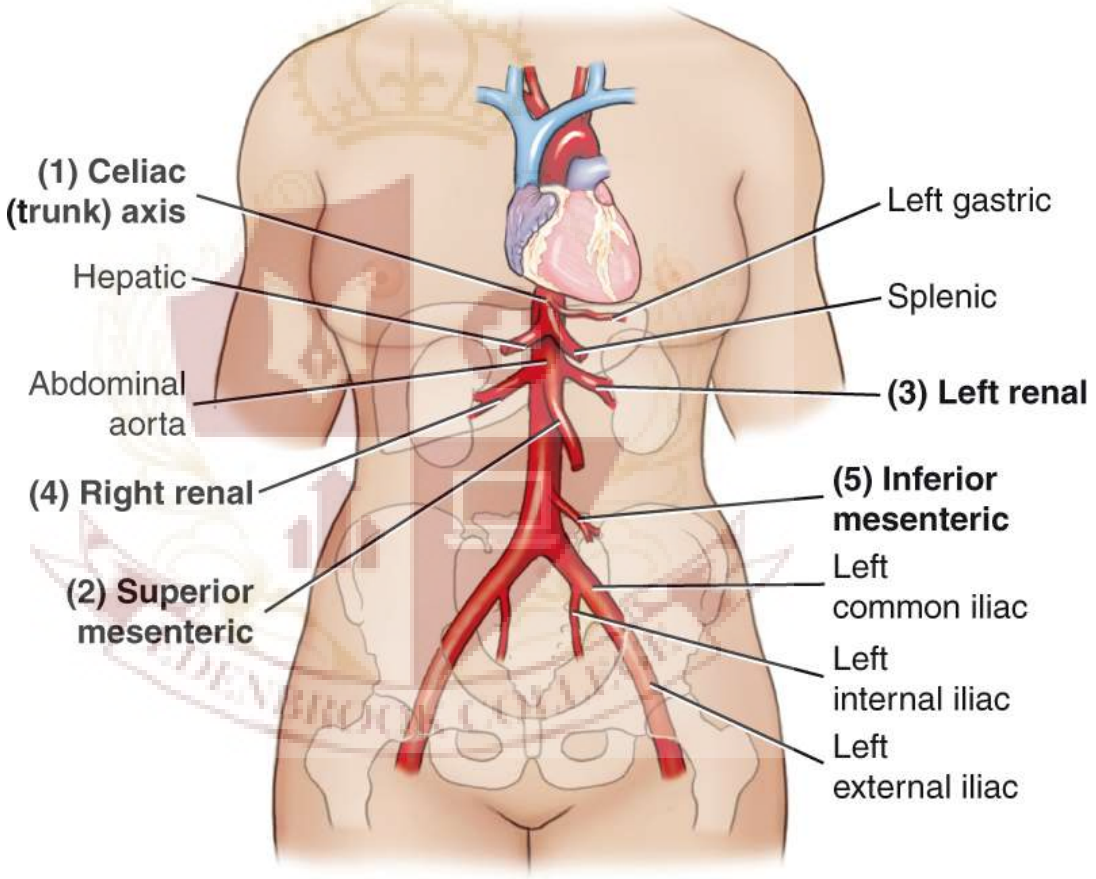
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Thoracic Veins



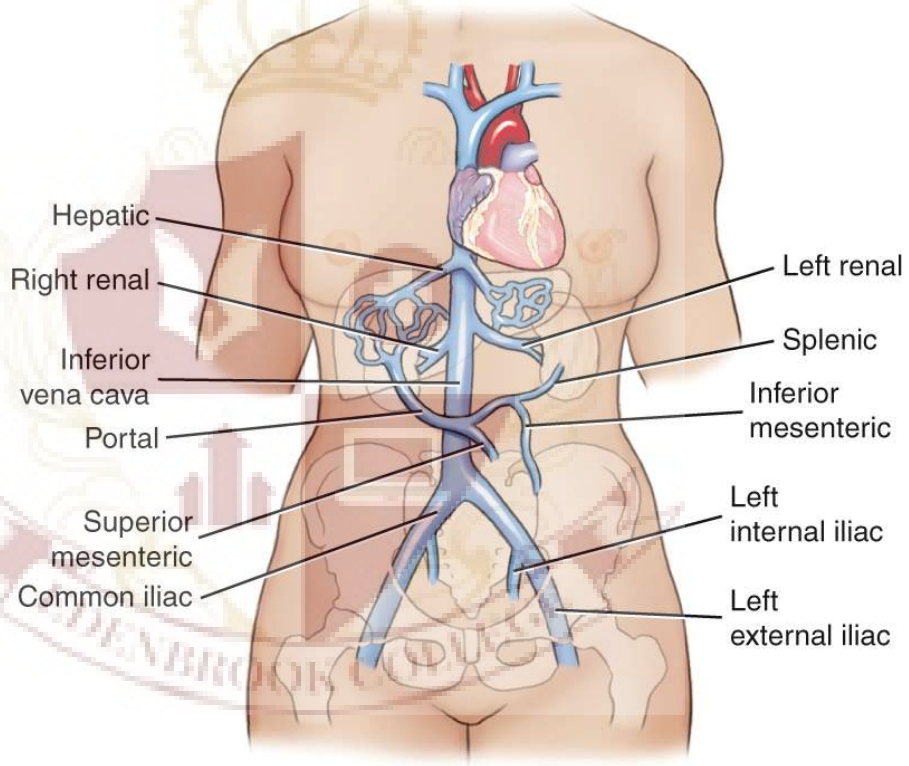
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Branches of Abdominal Aorta



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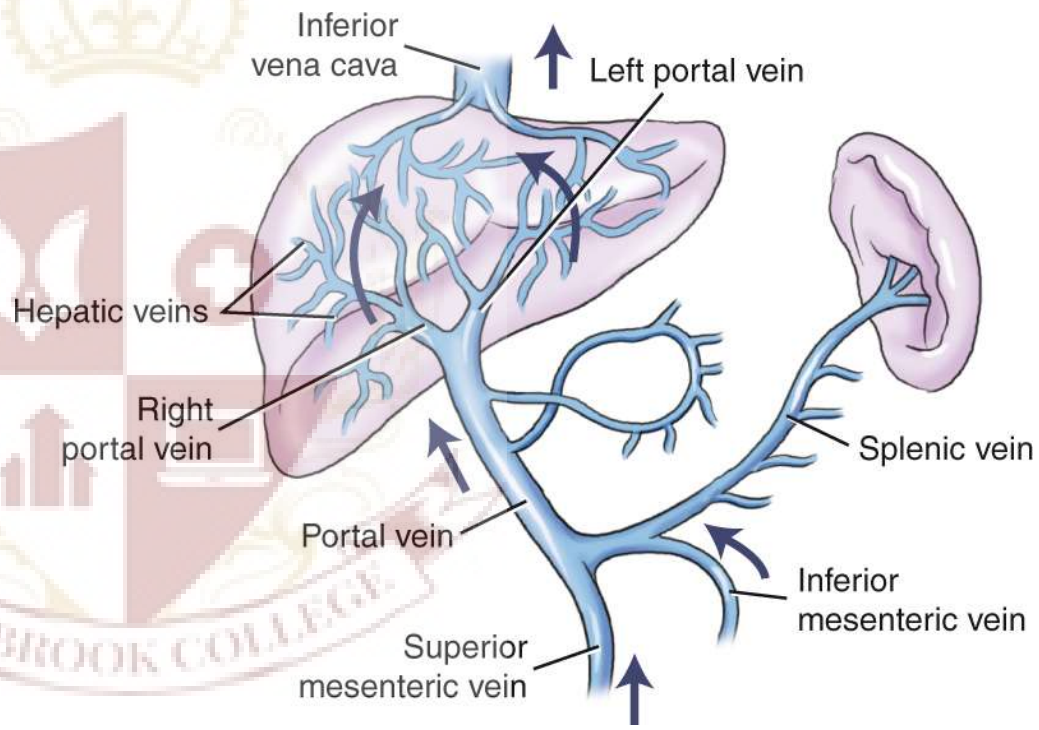
Abdominal Veins



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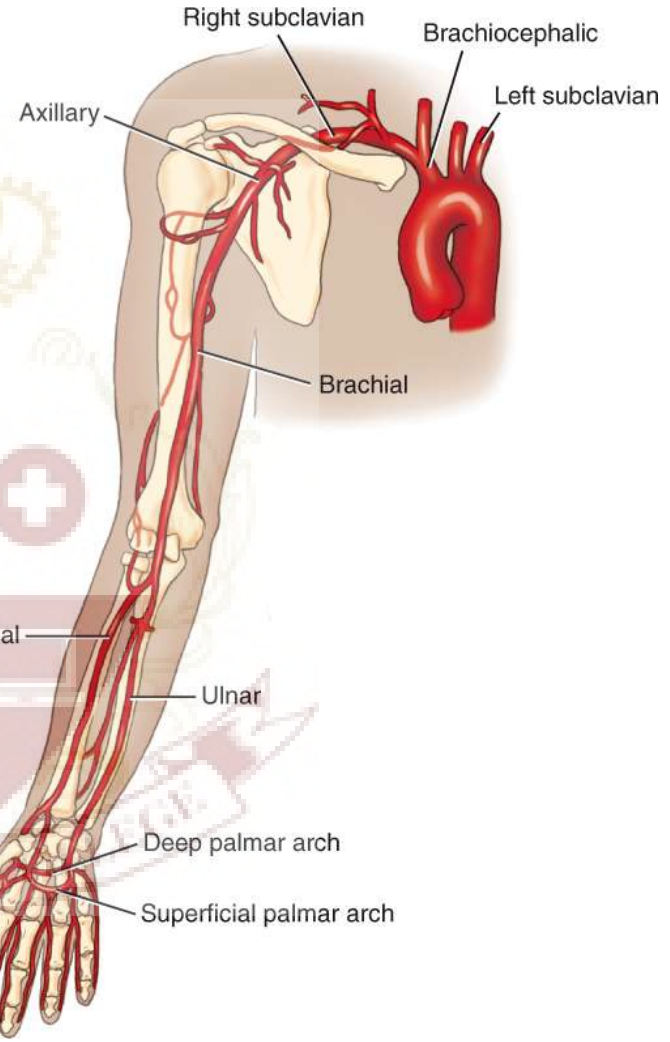
Hepatic Portal System

Returns venous blood to liver



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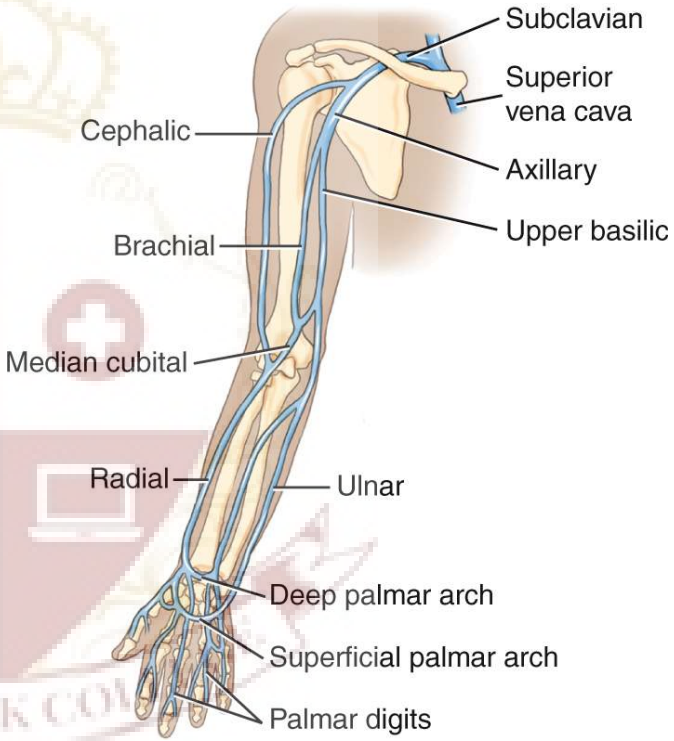
Upper Limb Arteries



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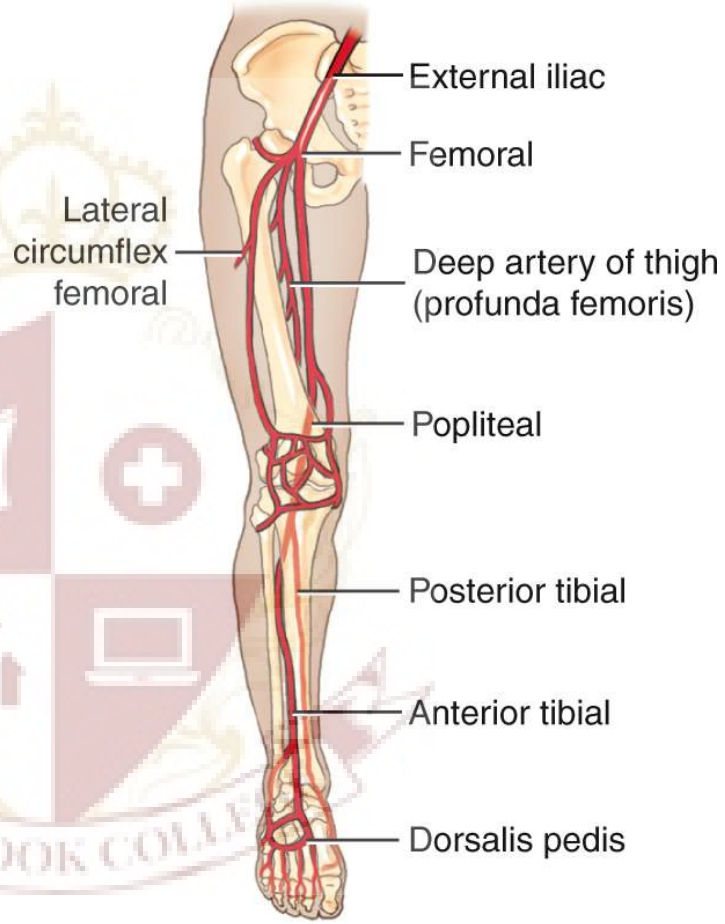
Upper Limb Veins

- Superficial veins:
  - Cephalic
  - Basilic
  - Median cubital
- Deep veins:
  - Two branches
  - Radial
  - Ulnar
  - Palmar arch



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Lower Limb Arteries

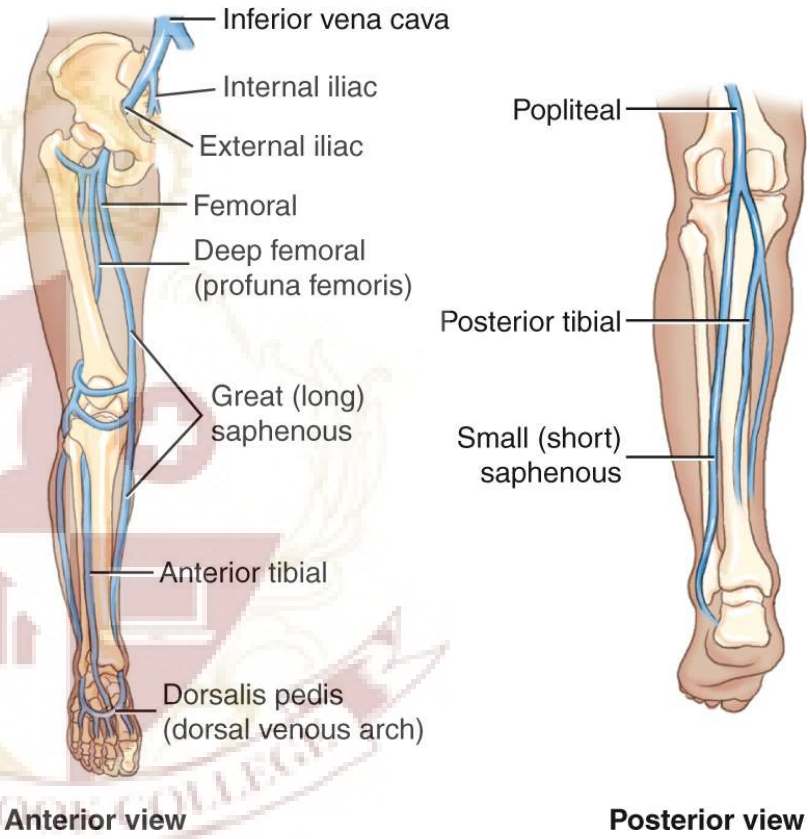


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Lower Limb Veins

- Superficial veins:
  - Great (long) saphenous
  - Small (short) saphenous
  - Dorsalis pedis

- Deep veins:
  - Posterior tibial
  - Anterior tibial
  - Popliteal
  - Deep femoral



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