

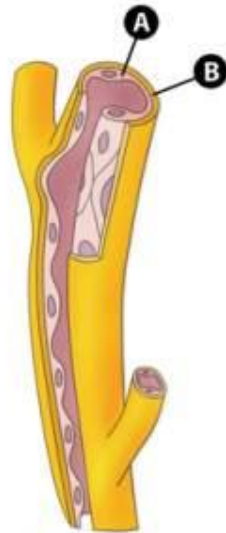


ANATOMY OF THE CARDIOVASCULAR SYSTEM

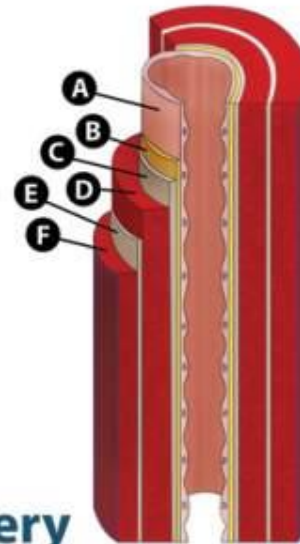
- IDENTIFY ALL THE LABELS ON THE FOLLOWING
SERIES OF IMAGES
- 

STRUCTURE OF ARTERIES

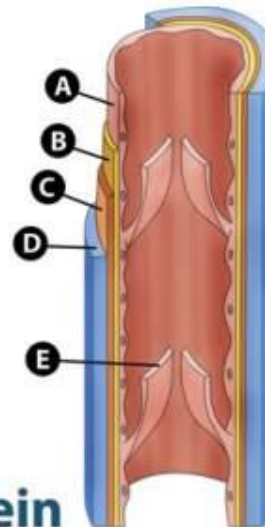
Structure of blood vessels



Capillary



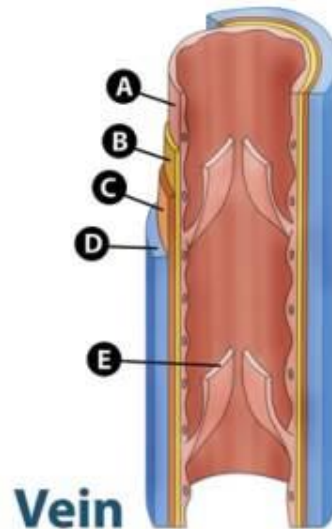
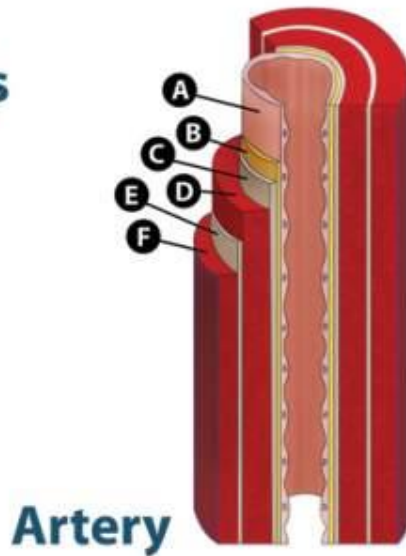
Artery



Vein

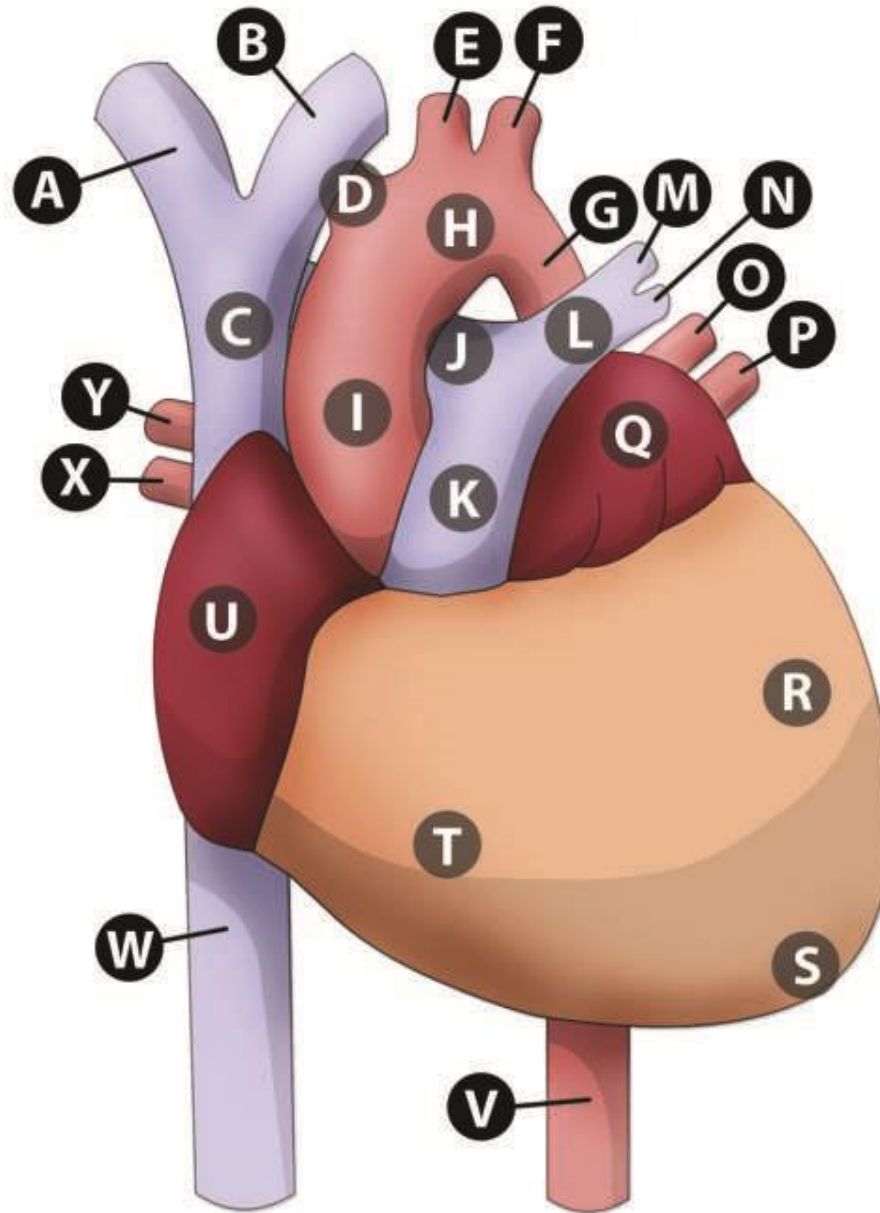
STRUCTURE OF ARTERIES

Structure of blood vessels

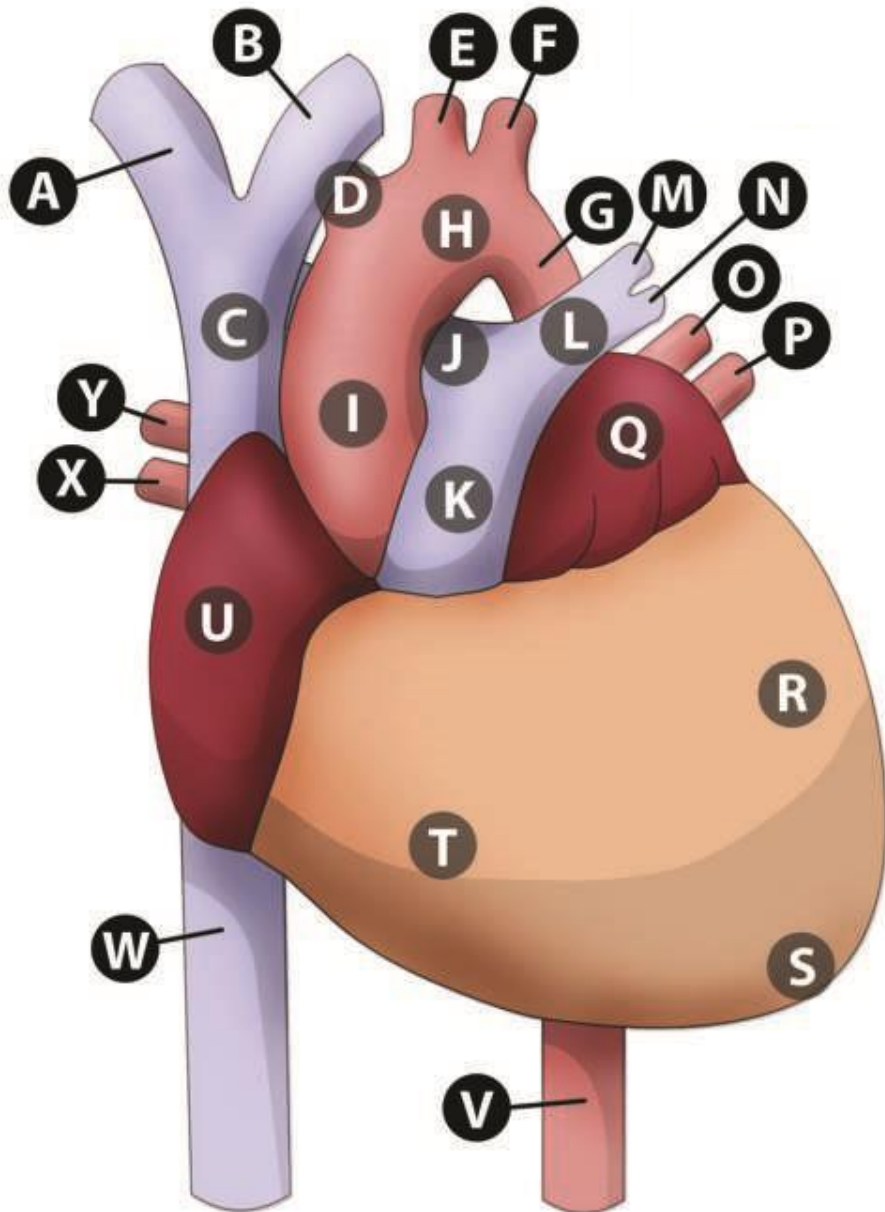


- A. TUNICA INTERNA / INTIMA (ENDOTHELIUM)
 - B. BASEMENT MEMBRANE
 - C. INTERNAL ELASTIC LAMINA
 - D. SMOOTH MUSCLE
 - E. EXTERNAL ELASTIC LAMINA
 - F. TUNICA EXTERNA
-
- A. Tunica interna / intima (endothelium)
 - B. Basement membrane
 - C. Smooth muscle
 - D. Tunica externa

STRUCTURE OF THE HEART

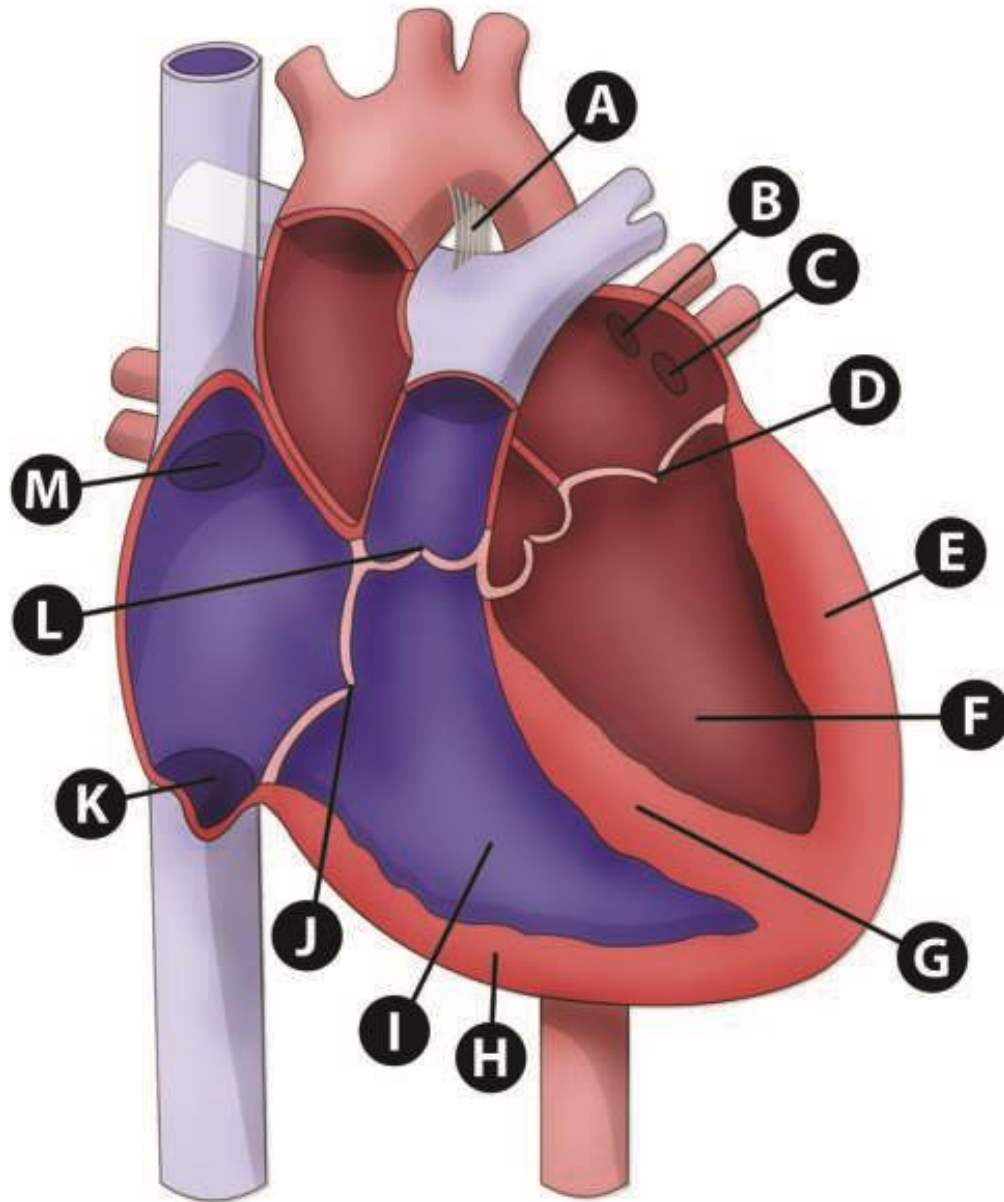


STRUCTURE OF THE HEART

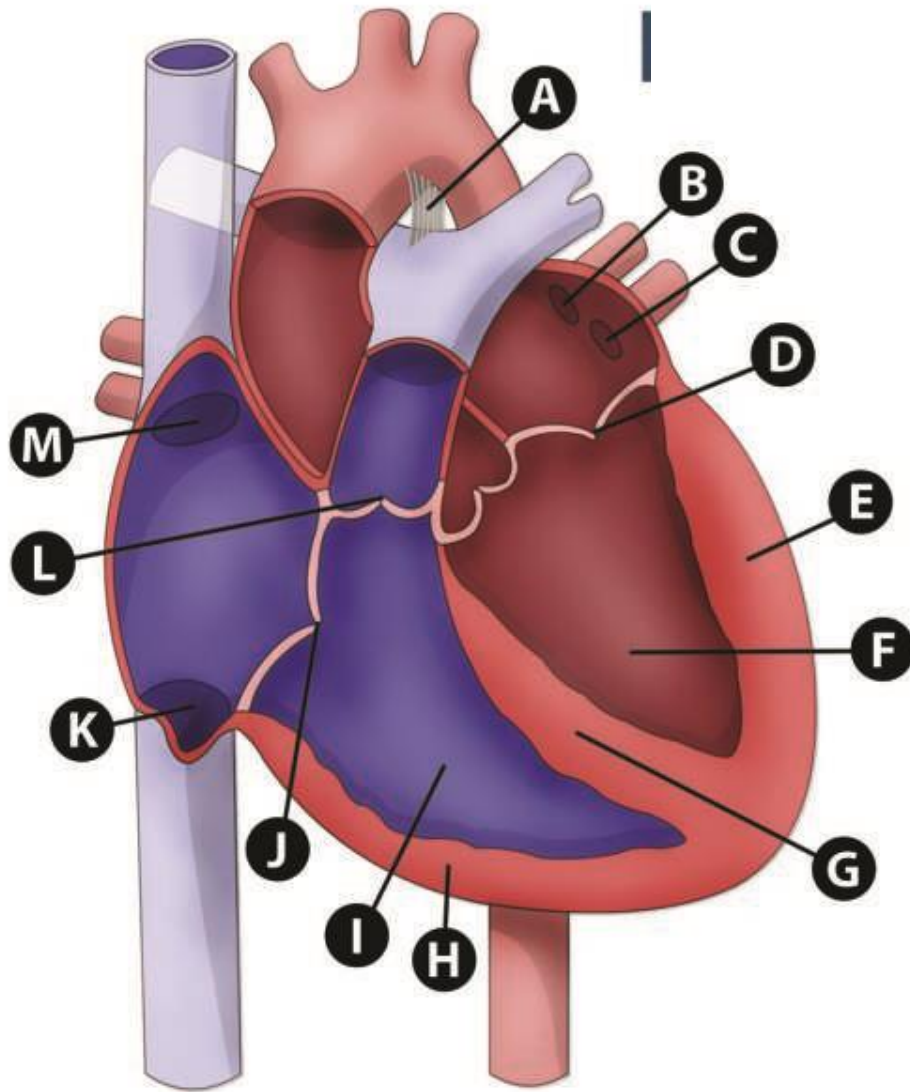


- A. RIGHT SUBCLAVIAN
- B. LEFT SUBCLAVIAN
- C. SUPERIOR VENA CAVA
- D. BRACHIOCEPHALIC ARTERY
- E. LEFT COMMON CAROTID
- F. LEFT SUBCLAVIAN
- G. THORACIC AORTA
- H. ARCH OF THE AORTA
- I. ASCENDING AORTA
- J. RIGHT PULMONARY ARTERY
- K. PULMONARY TRUNK
- L. LEFT PULMONARY ARTERY
- M. LEFT SUP. LOBAR ARTERY
- N. LEFT INF. LOBAR ARTERY
- O. LEFT PULMONARY VEIN (SUP.)
- P. LEFT PULMONARY VEIN (INF.)
- Q. LEFT ATRIUM
- R. LEFT VENTRICLE
- S. APEX OF HEART
- T. RIGHT VENTRICLE
- U. RIGHT ATRIUM
- V. THORACIC AORTA
- W. INFERIOR VENA CAVA
- X. RIGHT PULMONARY VEIN (SUP.)
- Y. RIGHT PULMONARY VEIN (INF.)

STRUCTURE OF THE HEART

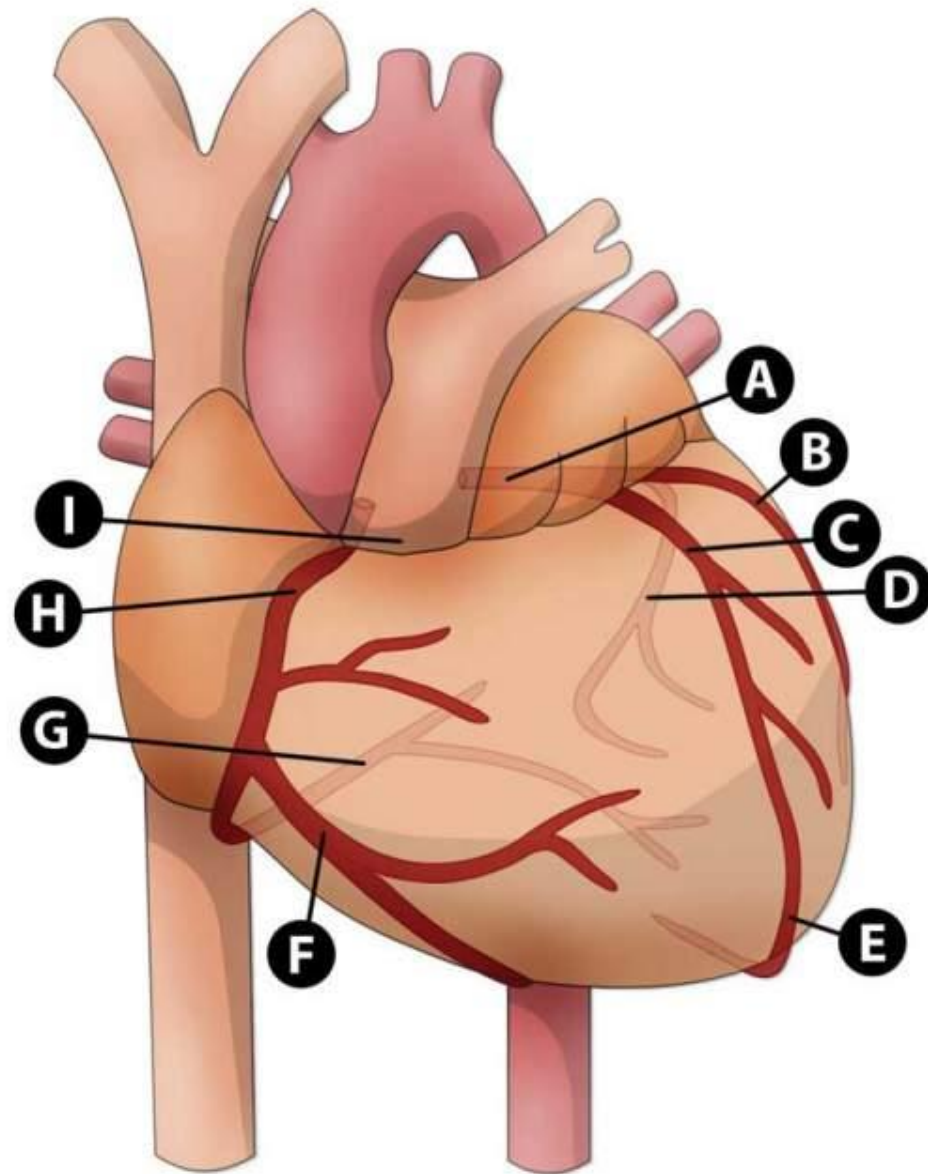


STRUCTURE OF THE HEART

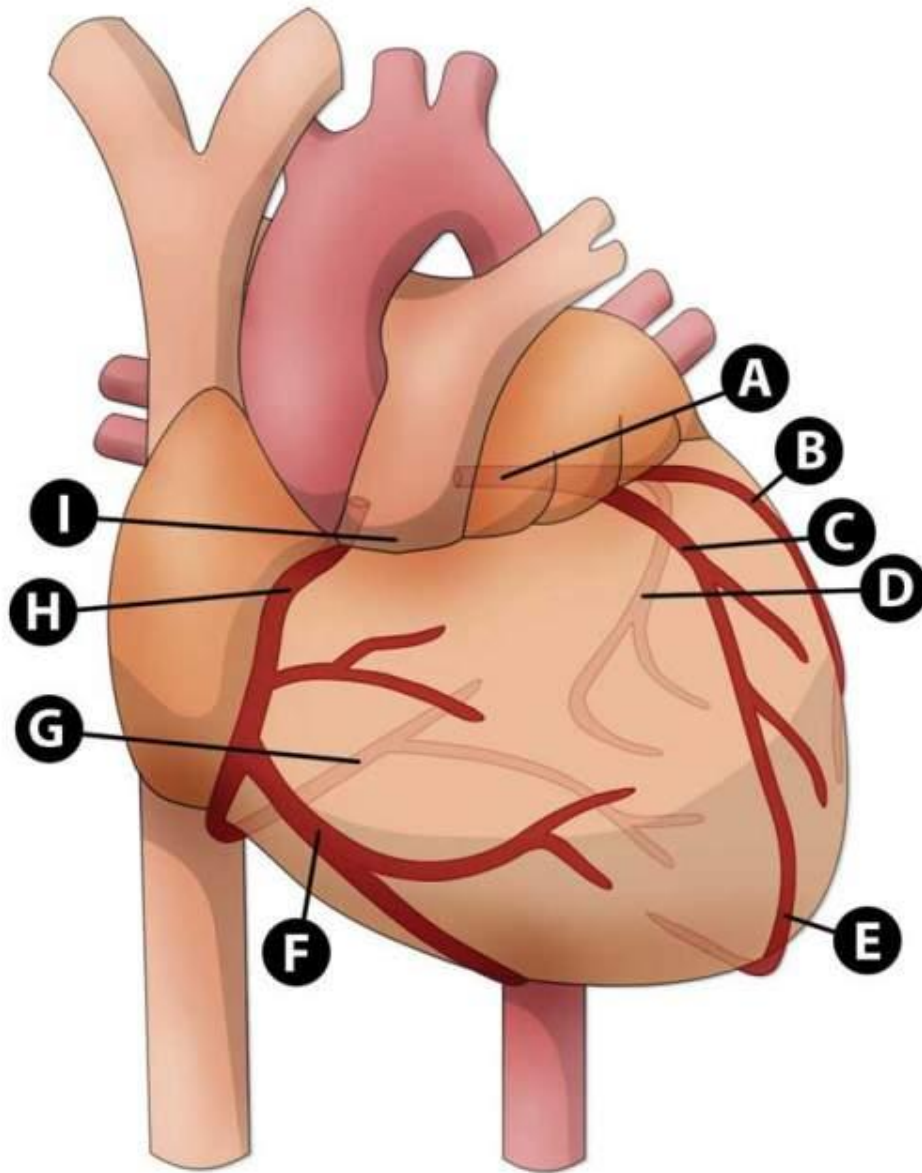


- A. LIGAMENTUM ARTERIOSUM
- B. OPENING OF PULMONARY VEINS
- C. OPENING OF PULMONARY VEINS
- D. MITRAL VALVE
- E. MYOCARDIUM OF LEFT VENTRICLE
- F. LEFT VENTRICLE
- G. INTERVENTRICULAR SEPTUM
- H. MYOCARDIUM OF RIGHT VENTRICLE
- I. RIGHT VENTRICLE
- J. TRICUSPID VALVE
- K. OPENING OF SUPERIOR VENA CAVA
- L. PULMONARY ARTERY SEMILUNAR VALVES
- M. OPENING OF SUPERIOR VENA CAVA

CORONARY ARTERIES

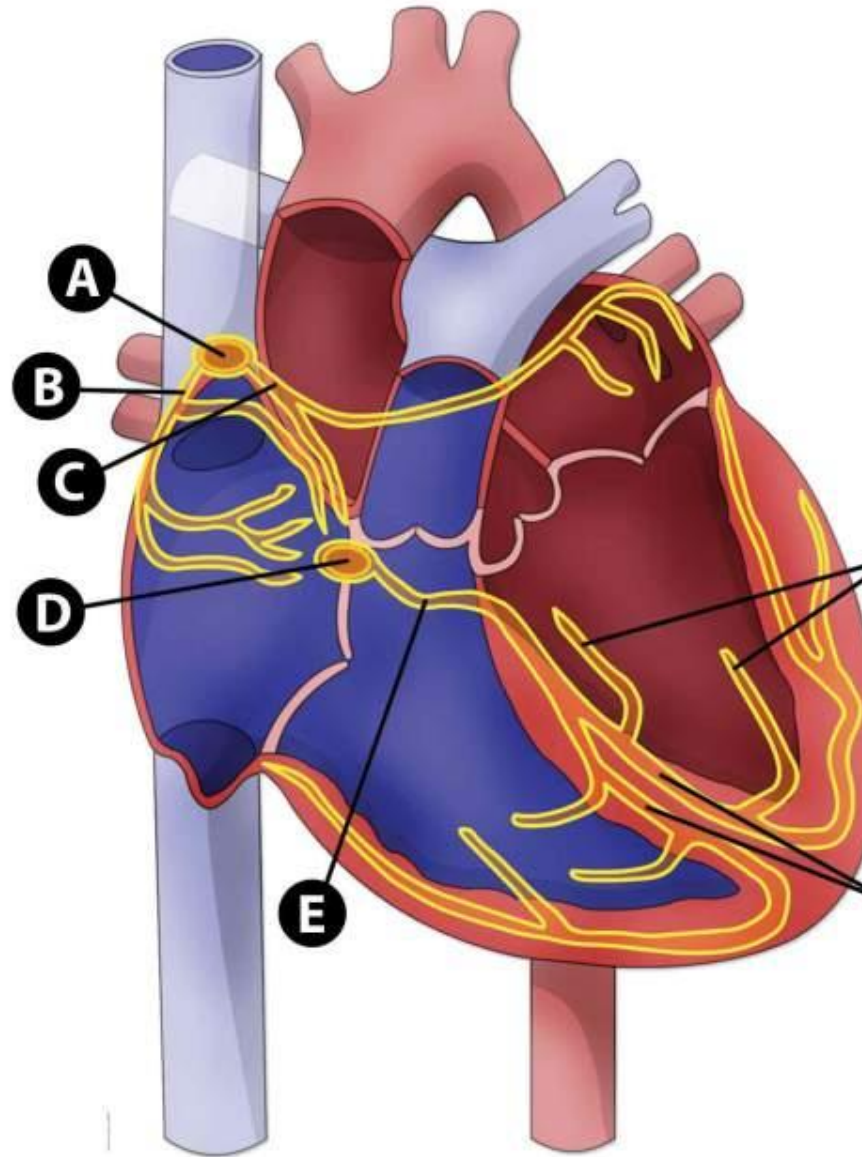


CORONARY ARTERIES

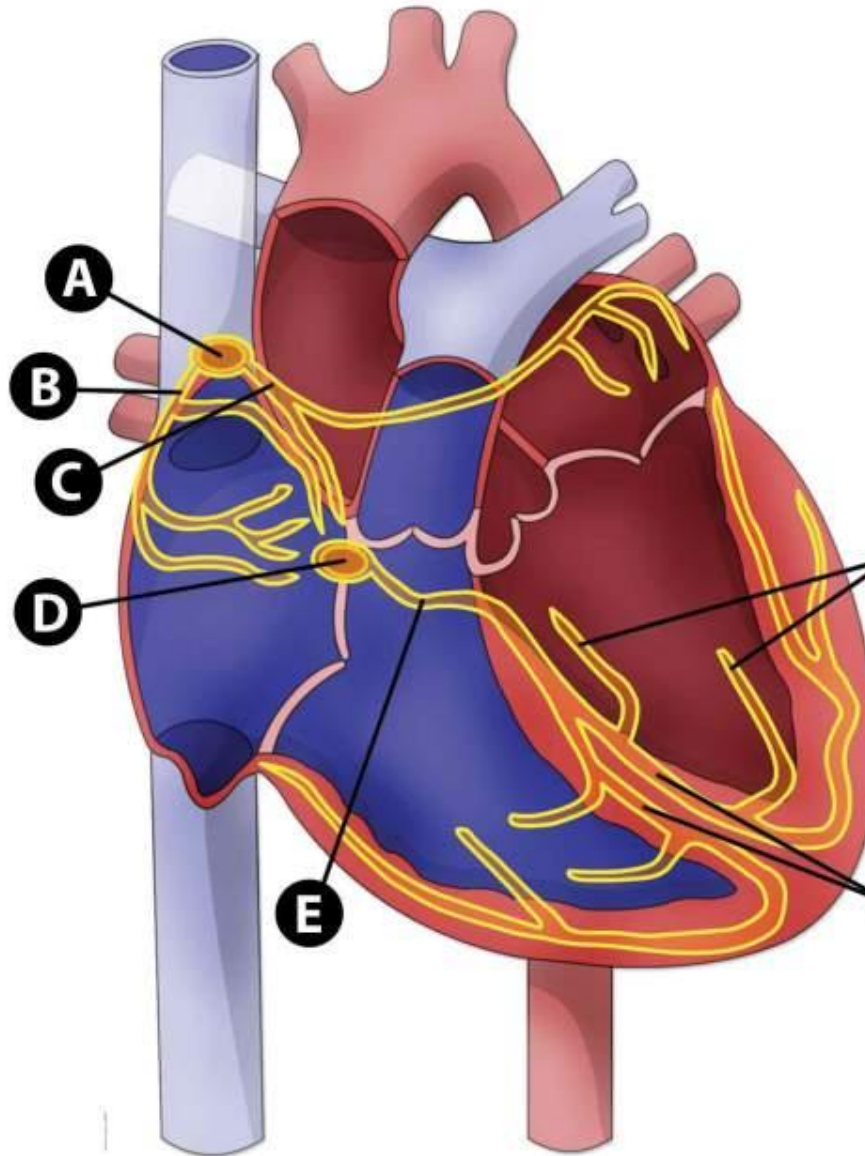


- A. LEFT CORONARY A.
- B. CIRCUMFLEX BRANCH
- C. LEFT CORONARY A. (ANT. INTERVENTRICULAR BRANCH)
- D. POSTERIOR ATRIAL ARTERY
- E. ANT. INTERVENTRICULAR A.
- F. RIGHT MARGINAL A.
- G. RIGHT CIRCUMFLEX BRANCH
- H. RIGHT CORONARY ARTERY

CONDUCTING NETWORK OF THE HEART



CONDUCTING NETWORK OF THE HEART

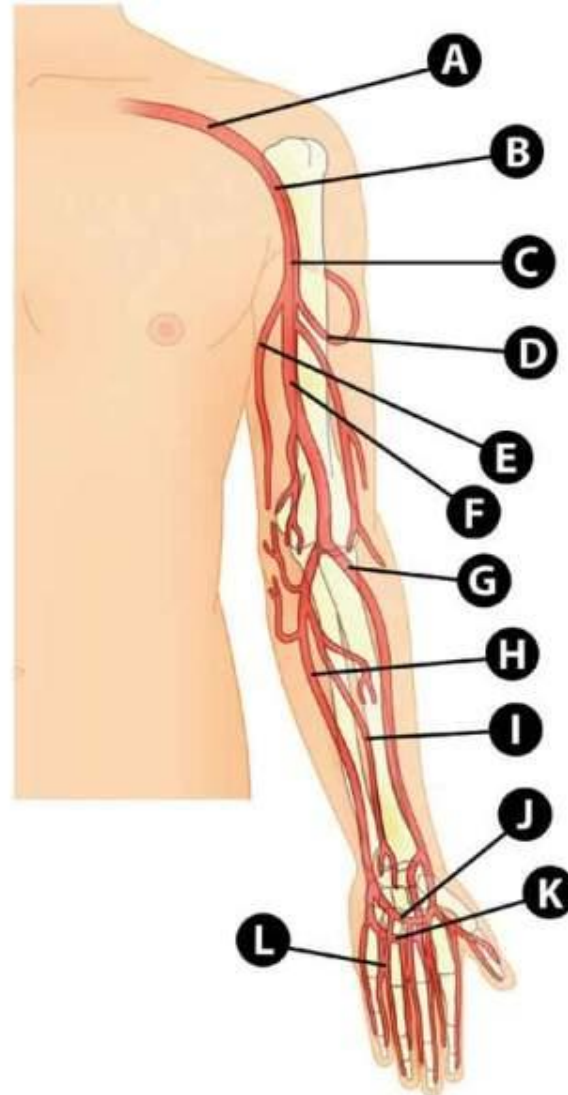


- A. SINOATRIAL NODE (SA)
- B. INTERNODAL TRACTS
- C. BACHMANN'S BUNDLE
- D. ATRIOVENTRICULAR NODE (AV)
- E. ATRIOVENTRICULAR BUNDLE (HIS)
- F. RIGHT AND LEFT BUNDLE BRANCHES
- G. CONDUCTION MYOFIBRES (PURKINJE FIBRES)

THE CIRCULATORY SYSTEM

ALL MUST BE PREFIXED WITH 'LEFT...'

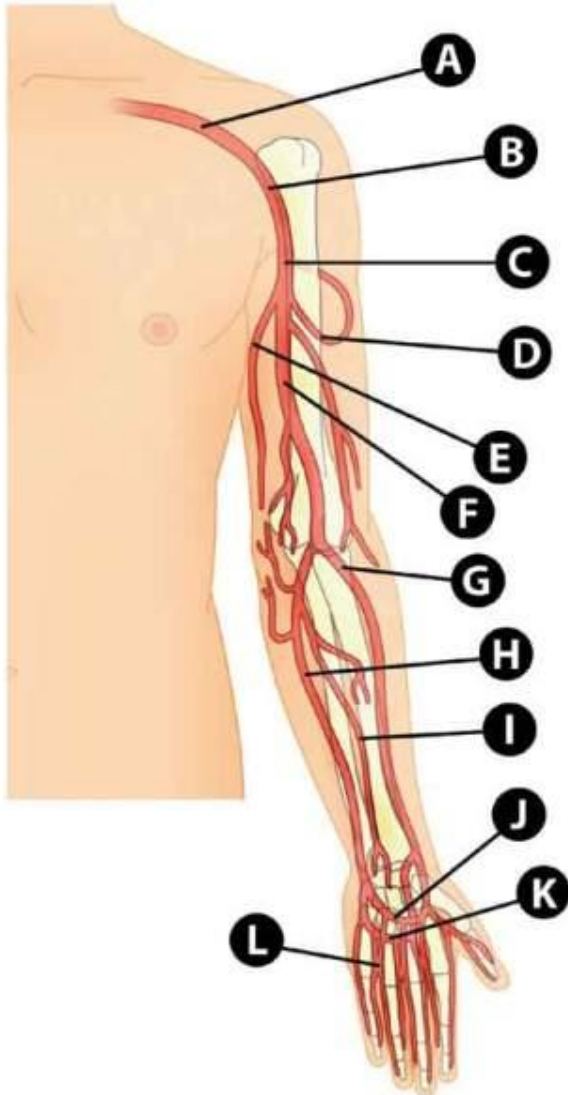
Arm arteries



THE CIRCULATORY SYSTEM

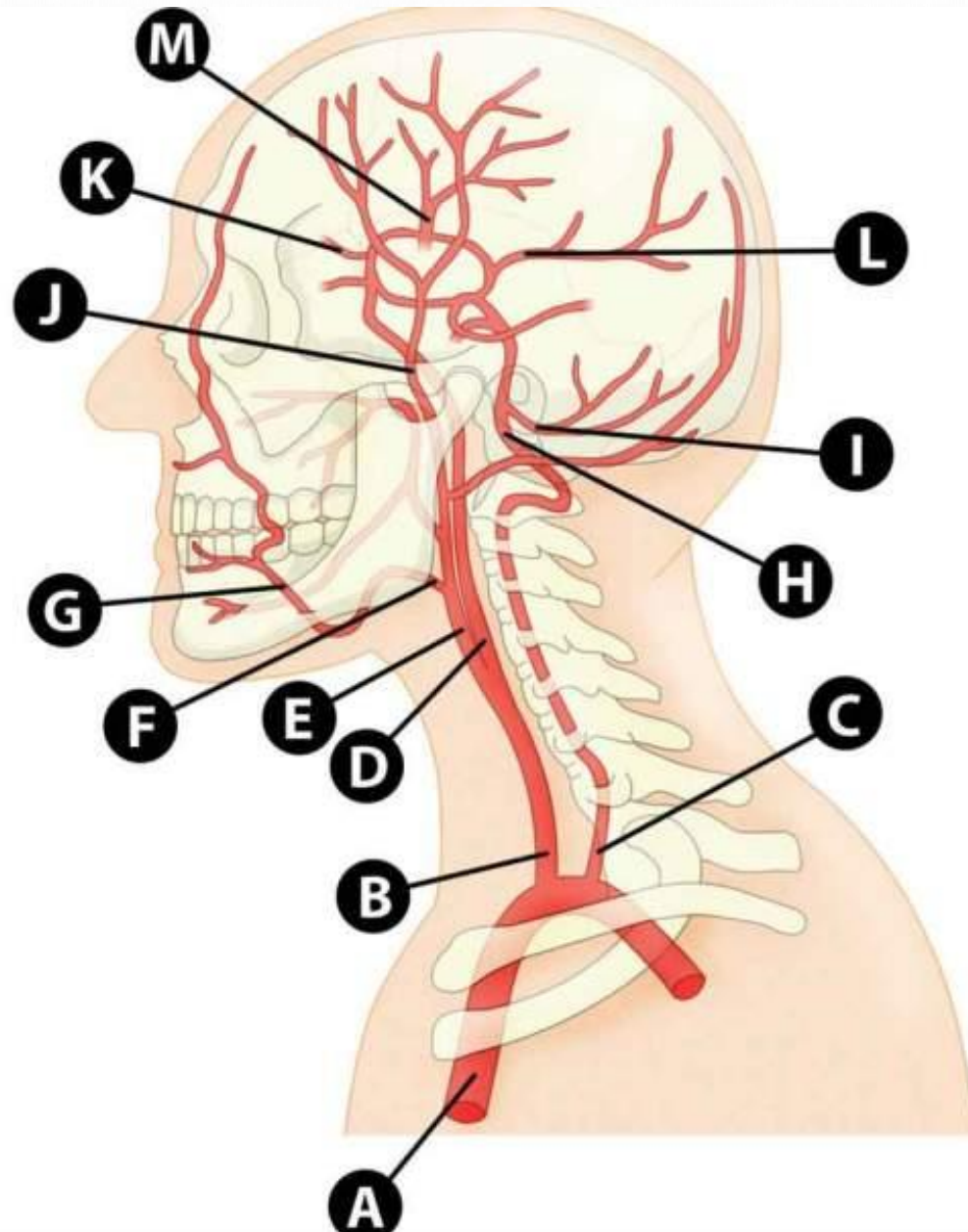
ALL MUST BE PREFIXED WITH 'LEFT...'

Arm arteries

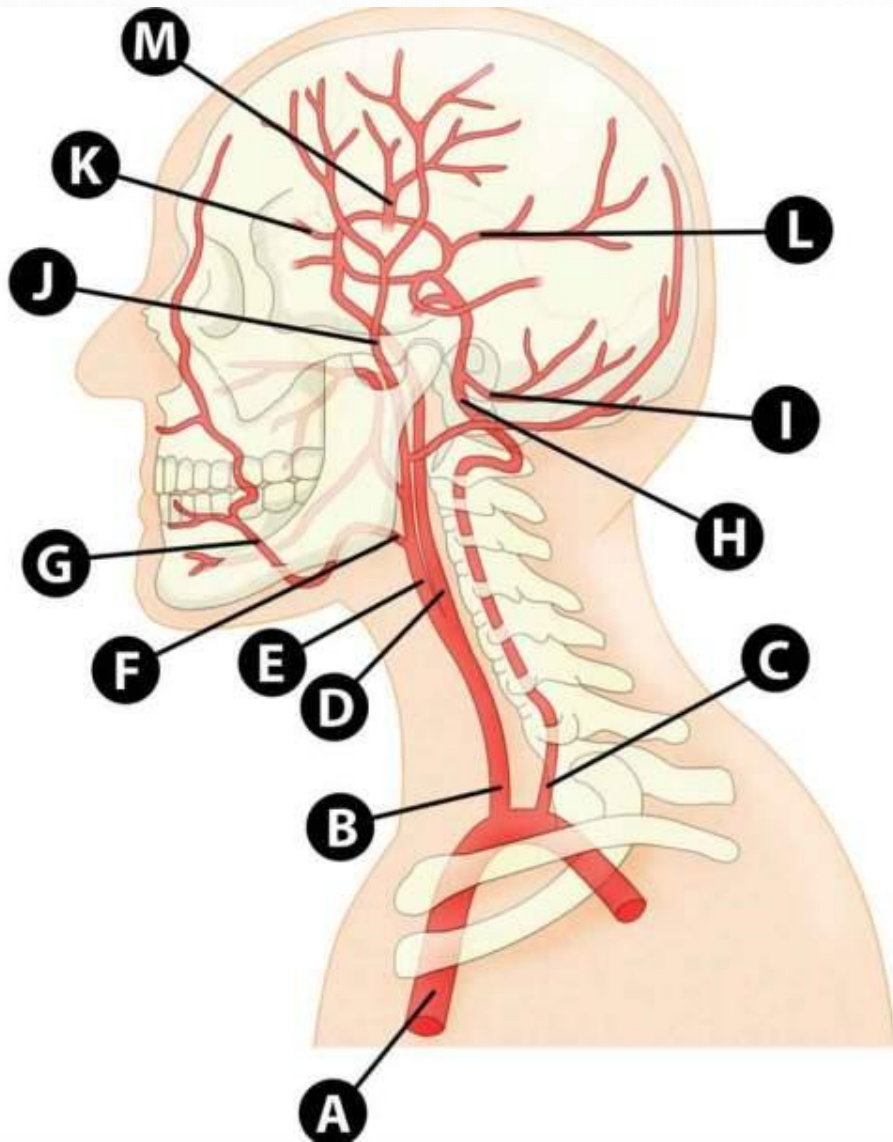


- A. SUBCLAVIAN
- B. AXILLARY
- C. BRACHIAL
- D. ANT HUMERAL CIRCUMFLEX
- E. DEEP BRACHIAL
- F. BRACHIAL
- G. RADIAL
- H. ULNAR
- I. INTEROSSEOUS
- J. DEEP PALMAR
- K. SUPERFICIAL PALMAR
- L. COMMON DIGITAL

CEREBRAL CIRCULATION

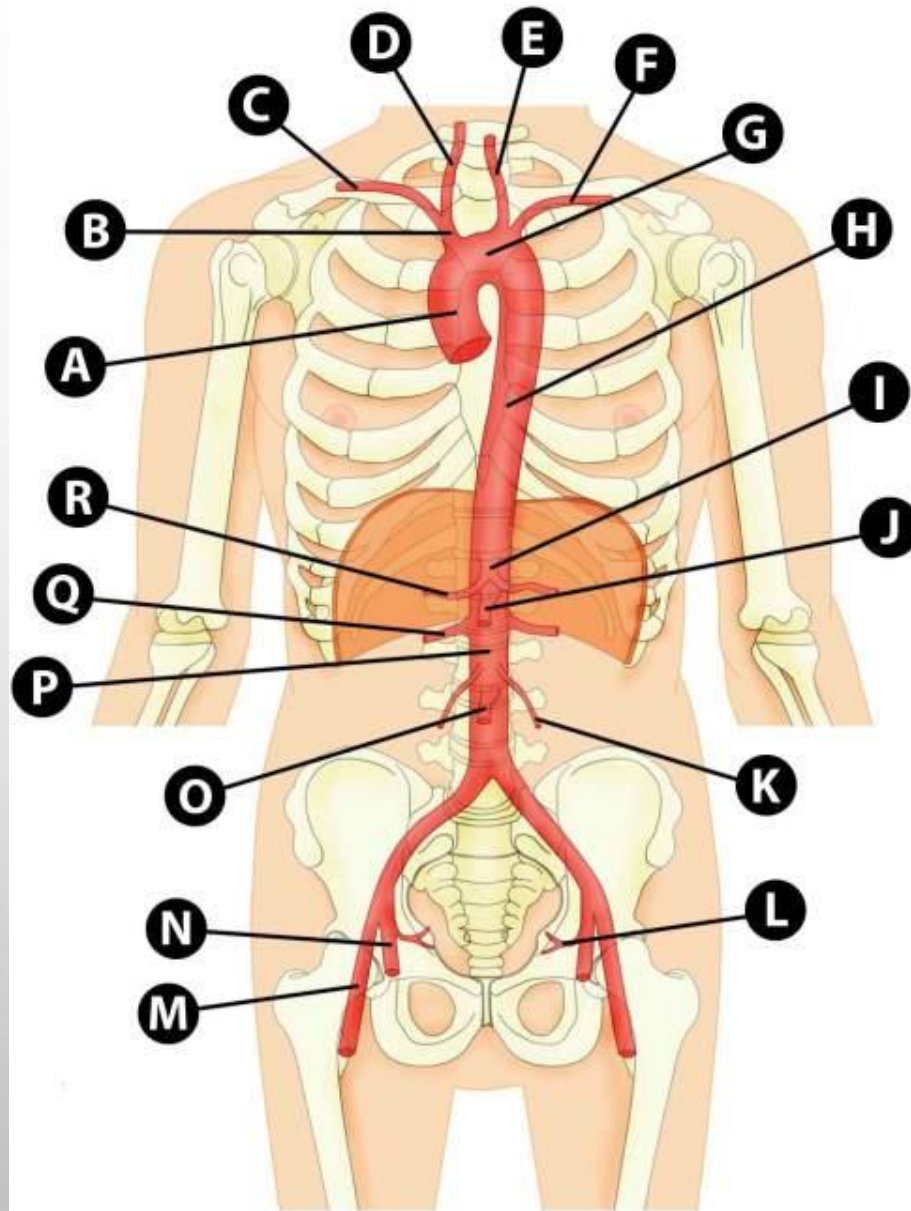


CEREBRAL CIRCULATION

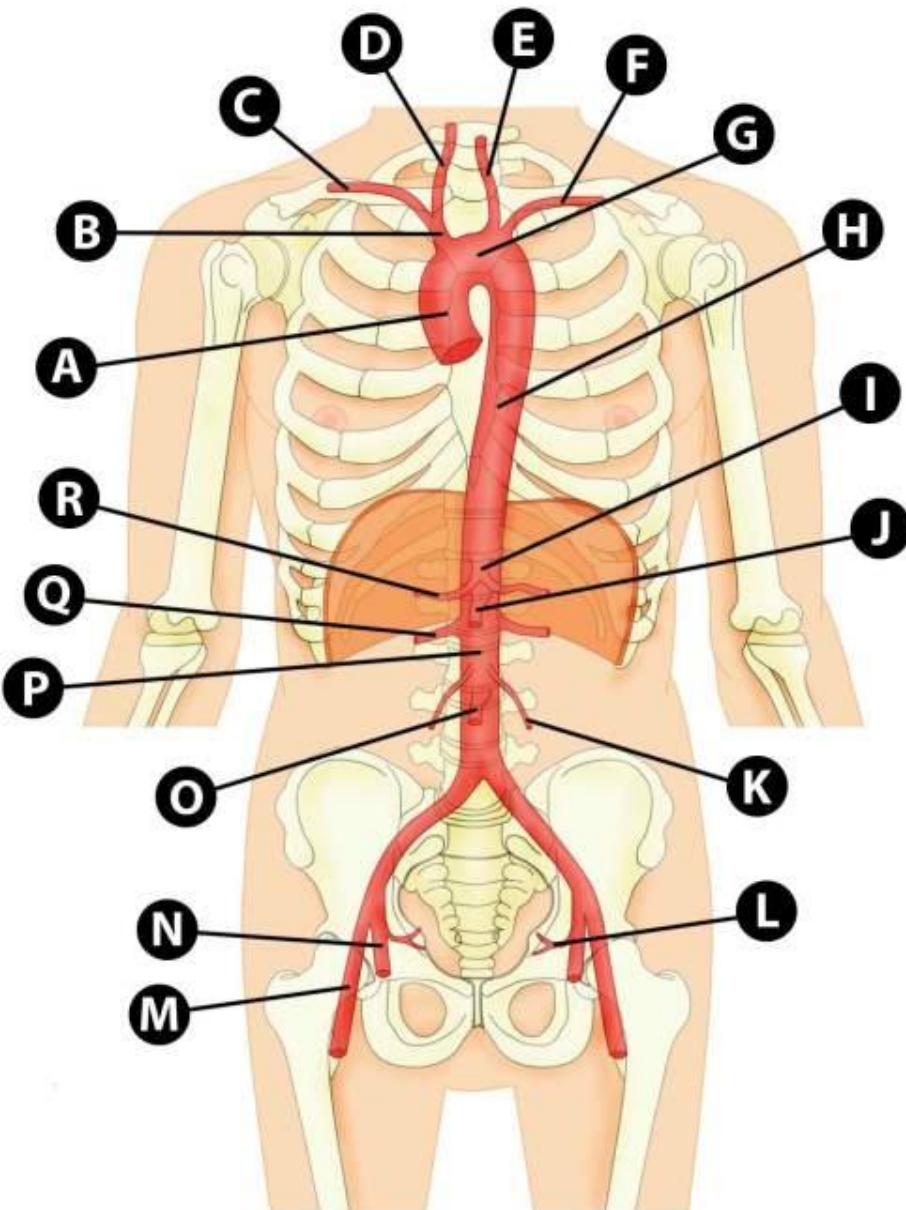


- A. ASCENDING AORTA
- B. LEFT COMMON CAROTID
- C. LEFT VERTEBRAL
- D. INTERNAL CAROTID
- E. EXTERNAL CAROTID
- F. FACIAL
- G. FACIAL
- H. BASILAR
- I. POSTERIOR INFERIOR CEREBELLAR
- J. LEFT INTERNAL CAROTID
- K. ANTERIOR CEREBRAL
- L. POSTERIOR CEREBRAL
- M. MIDDLE CEREBRAL

BRANCHES OF THE AORTA



BRANCHES OF THE AORTA

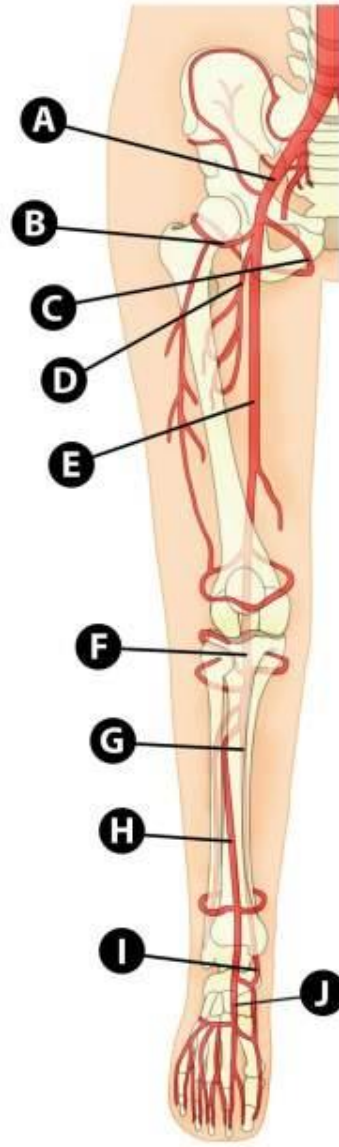


- A. ASCENDING AORTA
- B. BRACHIOCEPHALIC
- C. RIGHT SUBCLAVIAN
- D. RIGHT COMMON CAROTID
- E. LEFT COMMON CAROTID
- F. LEFT SUBCLAVIAN
- G. ARCH OF THE AORTA
- H. THORACIC AORTA
- I. CELIAC TRUNK
- J. SUPERIOR MESENTERIC
- K. LEFT GONADAL
- L. MEDIAN SACRAL
- M. RIGHT FEMORAL
- N. INTERNAL ILIAC
- O. INFERIOR MESENTERIC
- P. ABDOMINAL AORTA
- Q. RIGHT RENAL
- R. HEPATIC

ARTERIES OF THE LOWER LIMBS

ALL MUST BE PREFIXED WITH 'RIGHT...'

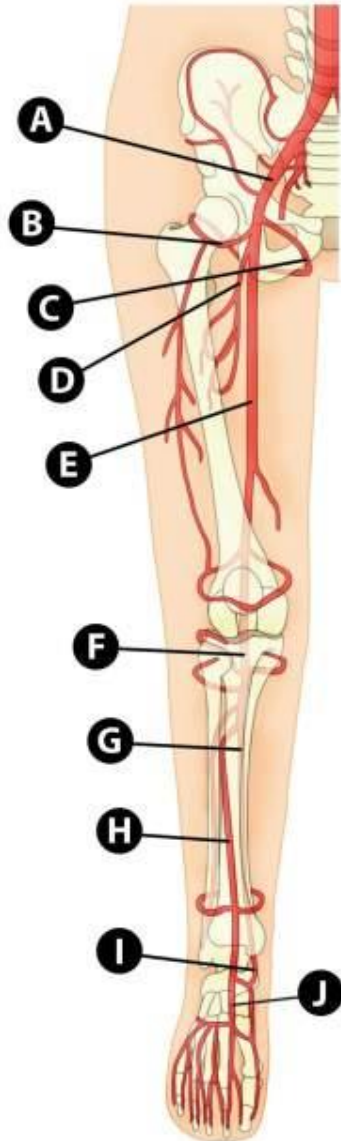
Leg arteries



ARTERIES OF THE LOWER LIMBS

ALL MUST BE PREFIXED WITH 'RIGHT...'

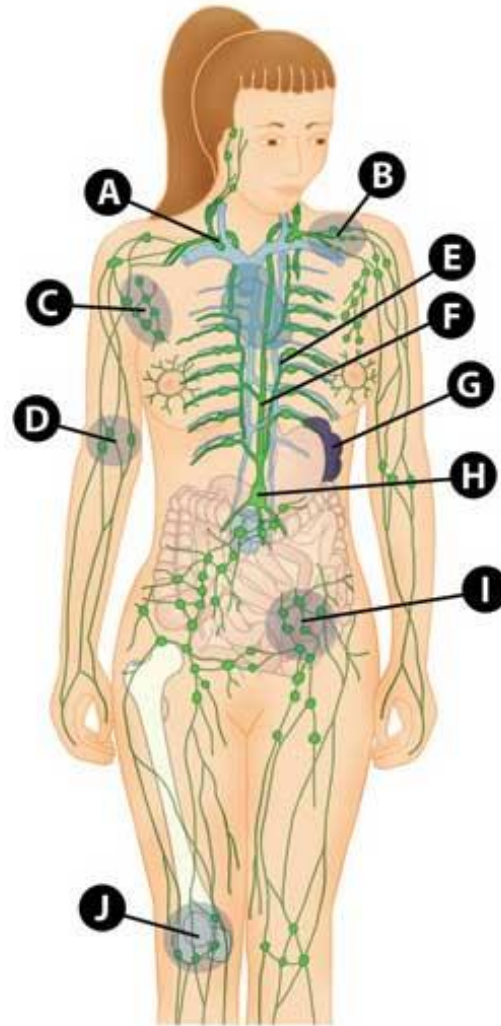
Leg arteries



- A. RIGHT EXTERNAL ILIAC
- B. LATERAL CIRCUMFLEX
- C. MEDIAN CIRCUMFLEX
- D. PROFUNDA FEMORIS
- E. RIGHT FEMORAL
- F. POPLITEAL
- G. POSTERIOR TIBIAL
- H. ANTERIOR TIBIAL
- I. POSTERIOR TIBIAL
- J. DORSALIS PEDIS

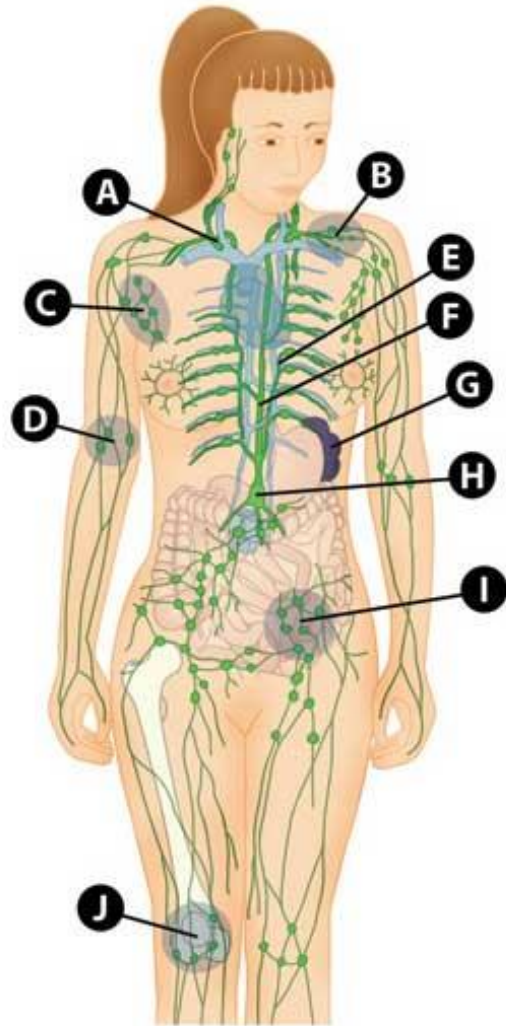
LYMPHATIC CIRCULATION

Lymphatic drainage



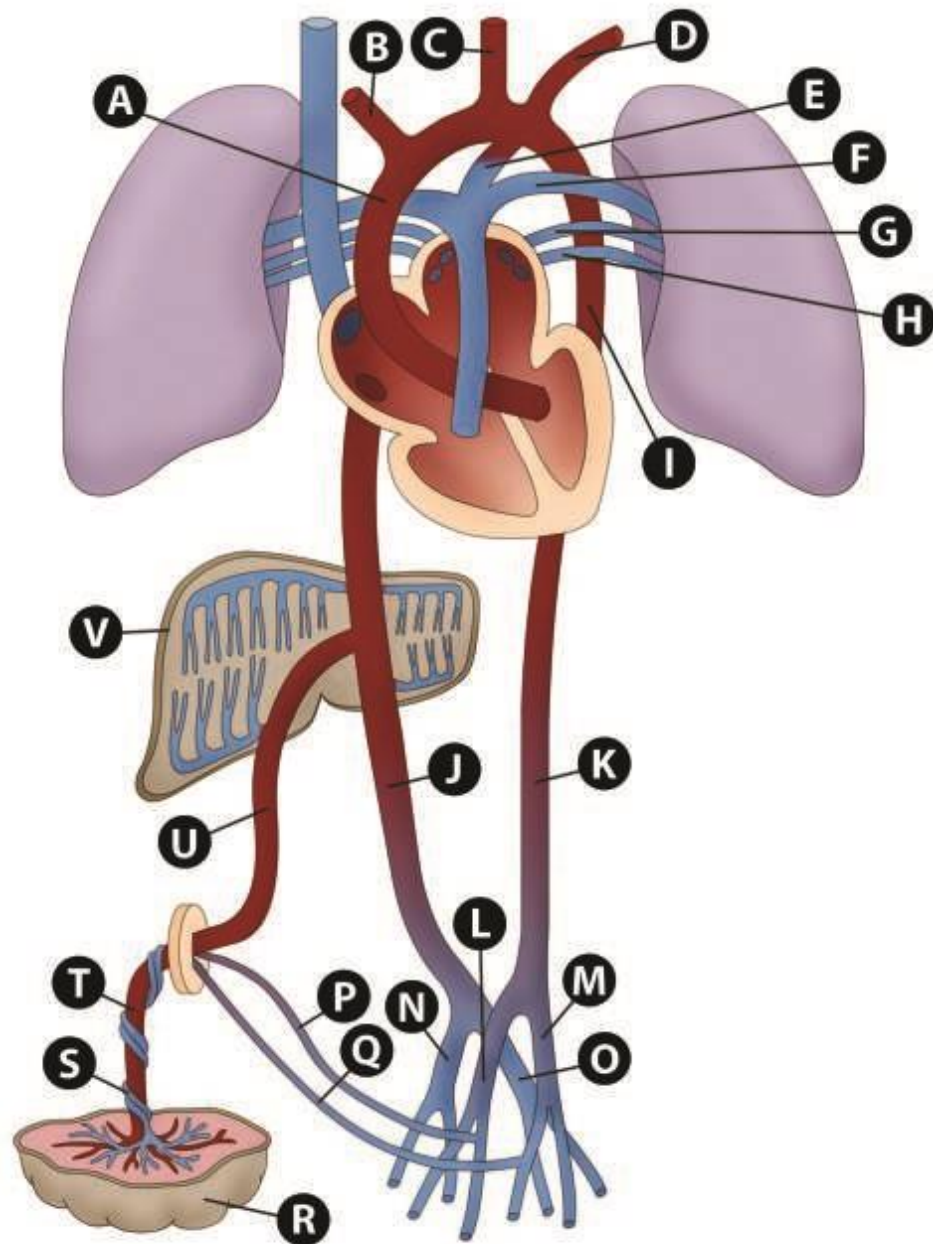
LYMPHATIC CIRCULATION

Lymphatic drainage



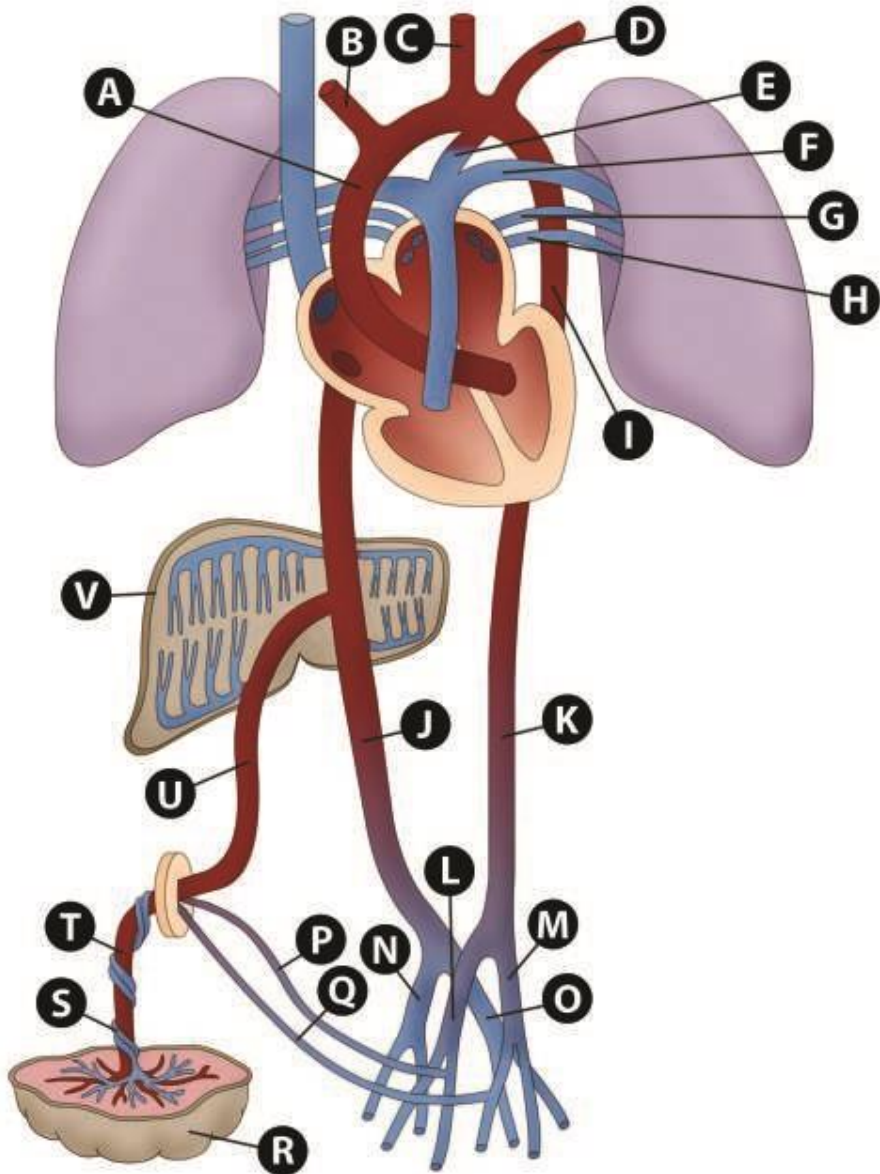
- A. RIGHT LYMPHATIC DUCT
- B. SUPRACLAVICULAR LYMPH NODES
- C. AXILLARY LYMPH NODES
- D. EPITROCHLEAR LYMPH NODES
- E. LEFT THORACIC DUCT
- F. THORACIC DUCT
- G. SPLEEN
- H. CISTERNA CHYLI
- I. INGUINAL LYMPH NODES
- J. POPLITEAL LYMPH NODES

A detailed diagram of the human circulatory system. The heart is centrally located, showing four chambers: right and left atria and ventricles. The pulmonary circuit (labeled A-H) shows blood flow between the heart and the lungs. The systemic circuit (labeled I-R) shows blood flow between the heart and the rest of the body, including the liver (V) and a cross-section of an organ (R). Arrows indicate the direction of blood flow. Labels A through R identify specific parts of the system.



FOETAL CIRCULATION

Foetal circulation



- A. ASCENDING AORTA
- B. BRACHIOCEPHALIC ARTERY
- C. LEFT COMMON CAROTID A.
- D. LEFT SUBCLAVIAN A.
- E. DUCTUS ARTERIOSUS
- F. LEFT PULMONARY A.
- G. LEFT PULMONARY VEIN
- H. LEFT PULMONARY VEIN
- I. THORACIC AORTA
- J. INFERIOR VENA CAVA
- K. ABDOMINAL AORTA
- L. RIGHT COMMON ILIAC A.
- M. LEFT COMMON ILIAC A.
- N. RIGHT PULMONARY V.
- O. LEFT PULMONARY V.
- P. UMBILICAL ARTERIES
- Q. UMBILICAL ARTERIES
- R. PLACENTA
- S. UMBILICAL ARTERIES
- T. UMBILICAL VEIN
- U. DUCTUS VENOSUS
- V. LIVER

The image features a light gray background with a subtle gradient. Scattered across the top and bottom edges are several realistic water droplets of various sizes. These droplets are rendered with soft shadows and highlights, giving them a three-dimensional appearance. In the center of the image, the word "END" is written in a bold, black, sans-serif font.

END