

ANATOMY of the HEART

Major Vessels

Superior & Inferior Vena Cava

Pulmonary Trunk

Left & Right Pulmonary Arteries

Left & Right Pulmonary Veins

Aorta

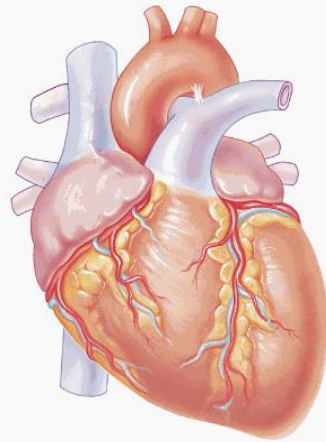
Know your **ABC'S**:

Aortic arch gives rise to:

Brachiocephalic trunk

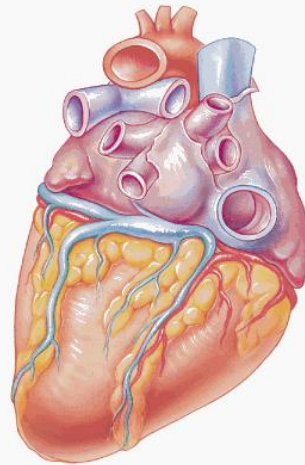
left **C**ommon Carotid

left **S**ubclavian



(b)

Copyright © 2001 Benjamin Cummings, an imprint of Addison Wesley Longman, Inc.



(d)

Copyright © 2001 Benjamin Cummings, an imprint of Addison Wesley Longman, Inc.

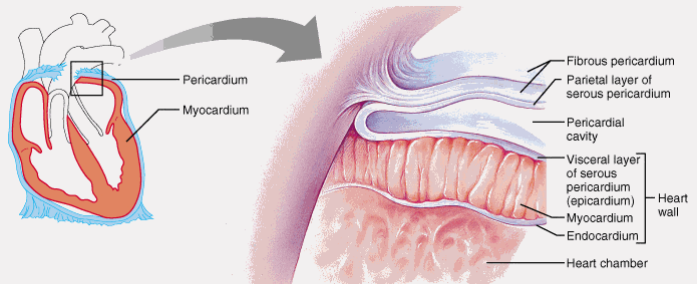
Layers of the Heart Wall

Pericardium

Epicardium

Myocardium

Endocardium



Copyright © 2001 Benjamin Cummings, an imprint of Addison Wesley Longman, Inc.

Heart Exterior

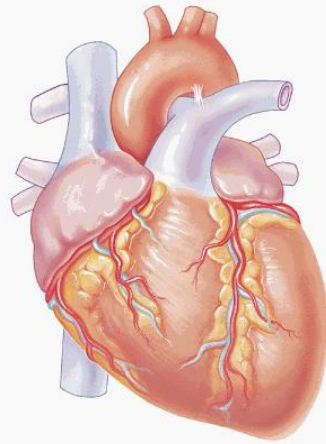
2 Atria

2 ventricles

Apex

Anterior Interventricular
Sulcus

Auricle

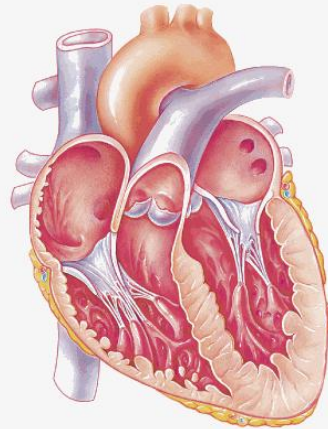


(b)
Copyright © 2001 Benjamin Cummings, an imprint of Addison Wesley Longman, Inc.

Atria

Right Atrium

Left Atrium



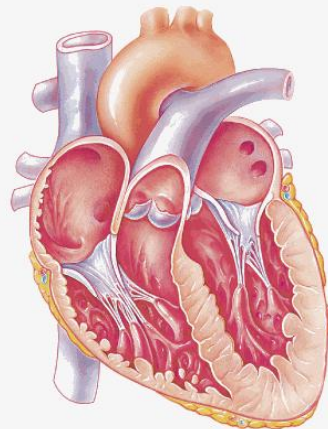
(e)
Copyright © 2001 Benjamin Cummings, an imprint of Addison Wesley Longman, Inc.

Ventricles

Left Ventricle

Right Ventricle

Septum



(e)
Copyright © 2001 Benjamin Cummings, an imprint of Addison Wesley Longman, Inc.

Valves

Atrioventricular (AV) Valves

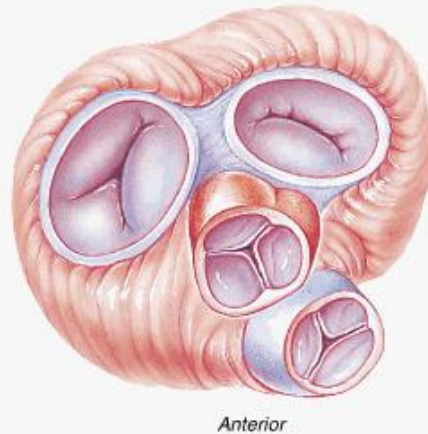
Tricuspid

Bicuspid or Mitral Valve

Know your "**LAB RATs**":

Left **A**trium: **B**icuspid

Right **A**trium: **T**ricuspid



(a)

Copyright © 2001 Benjamin Cummings, an imprint of Addison Wesley Longman, Inc.

Mnemonics		
Valves	Toilet Paper My Ass	Tricuspid Pulmonary Semilunar Mitral Aortic Semilunar
Valves-Atriums	"LAB RATs"	Left Atrium: Bicuspid Right Atrium: Tricuspid
Heart valves: closure sequence	Many Things Are Possible":	Mitral, Tricuspid, Aortic, Pulmonary
Aorta Branches	Know your ABC'S:	Aortic arch gives rise to: Brachiocephalic trunk left Common Carotid left Subclavian