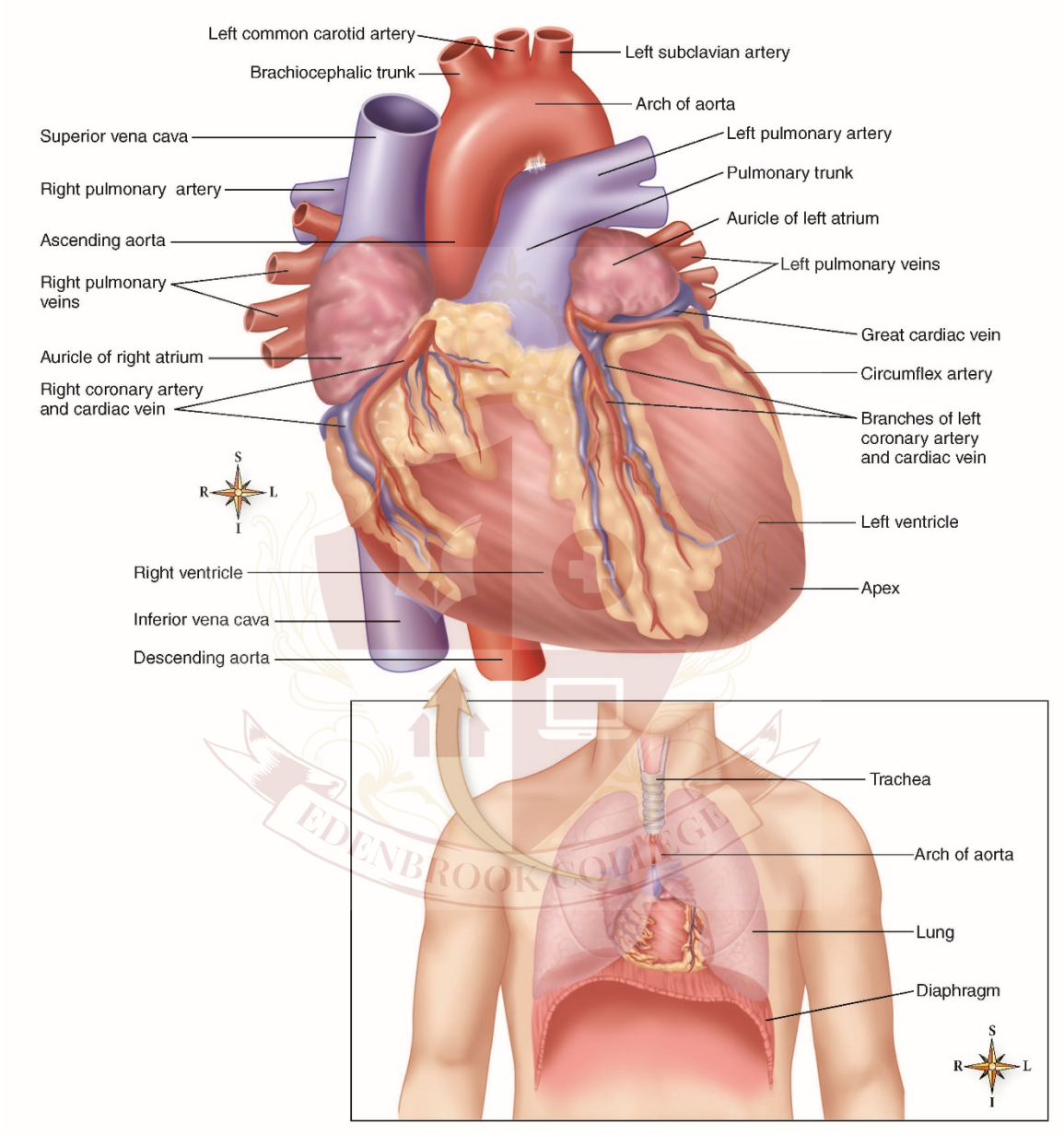
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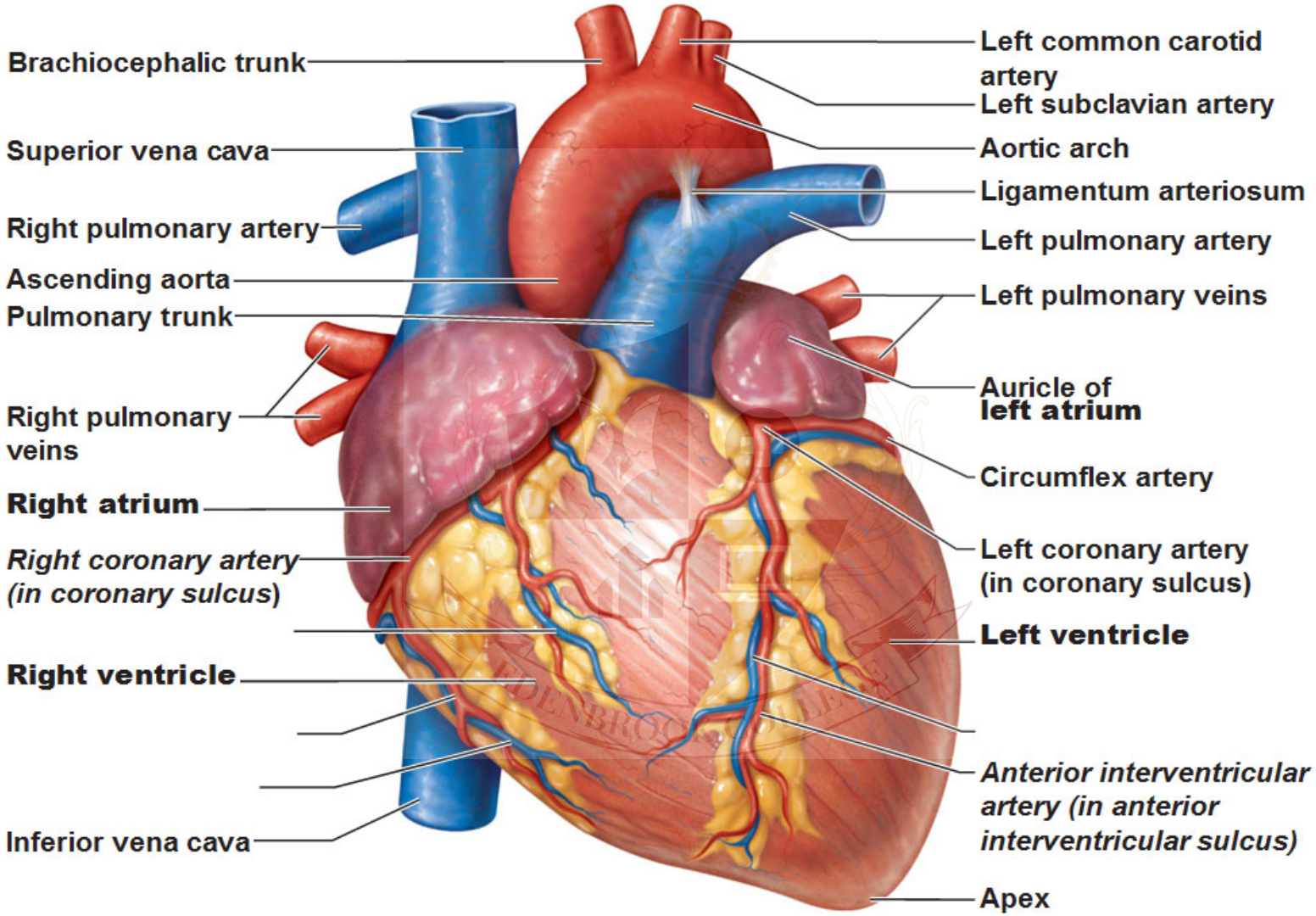
Cardiac Anatomy

The Heart

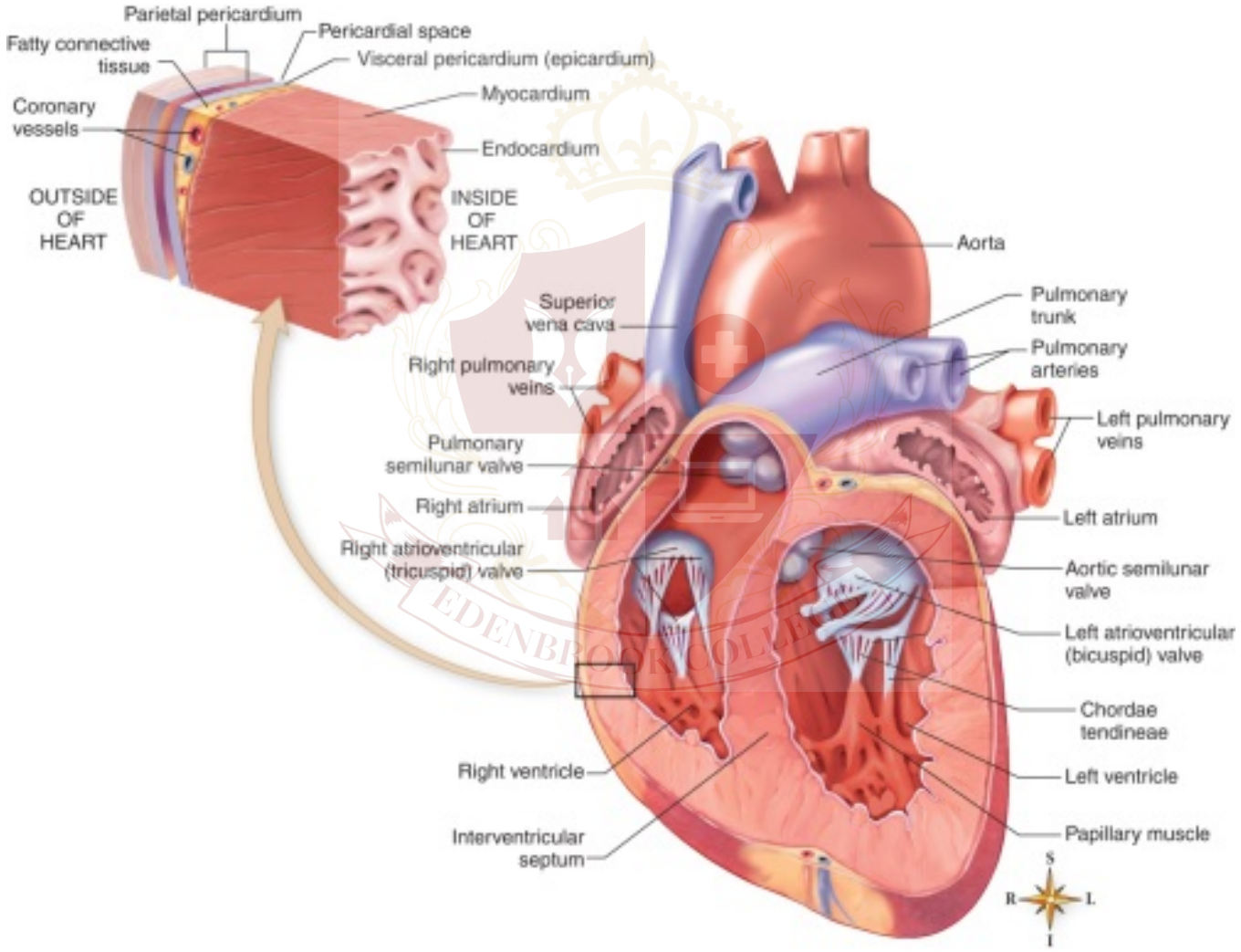

Left common carotid artery
Left subclavian artery
Brachiocephalic trunk
Arch of aorta
Superior vena cava
Left pulmonary artery
Pulmonary trunk
Right pulmonary artery
Auricle of left atrium
Ascending aorta
Left pulmonary veins
Right pulmonary veins
Great cardiac vein
Auricle of right atrium
Circumflex artery
Right coronary artery and cardiac vein
Branches of left coronary artery and cardiac vein
S
R
L
I
Left ventricle
Right ventricle
Apex
Inferior vena cava
Descending aorta
Trachea
Arch of aorta
Lung
Diaphragm
S
R
L
I

Gross Anatomy of the Heart

Anterior view



Inside the Heart



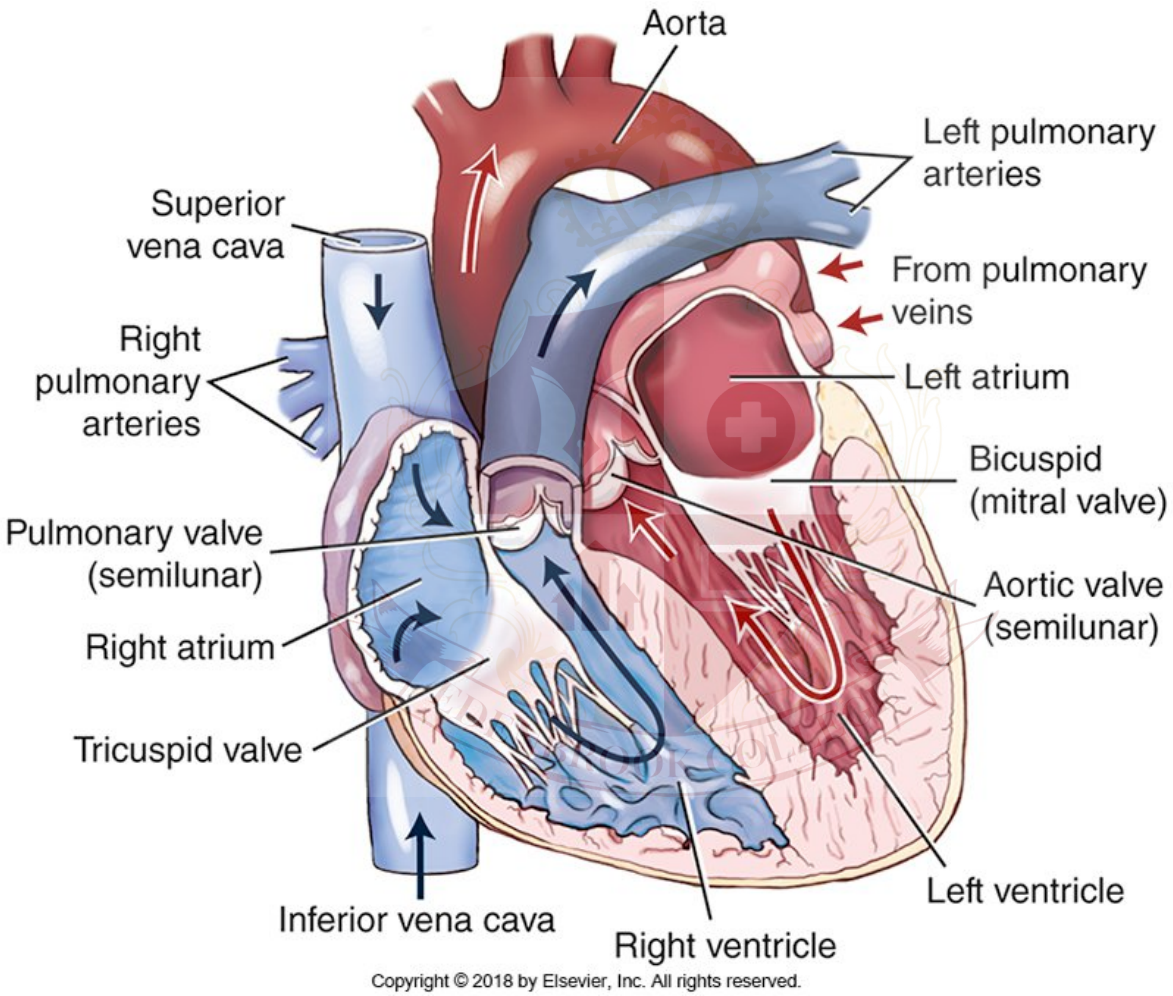
Heart Anatomy

- Atria = upper, receiving chambers
- Ventricle = lower, distributing chambers
- Right atrioventricular (AV) valve or tricuspid valve = controls opening between right atrium and ventricle
- Left AV valve or mitral valve = controls opening between left atrium and ventricle

Heart Anatomy

- Right side of heart handles venous, or deoxygenated, blood
- Left side of heart handles arterial, or oxygenated, blood
- Coronary arteries supply blood to the myocardium of heart

Heart Circulation



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