

CARDIOVASCULAR VESSEL NETWORK

Systemic and Pulmonary Distribution Reference

Arterial System (Oâ,,)

MAJOR VESSEL	SUPPLY AREA
Aorta (Ascending)	Coronary Arteries
Aortic Arch	Head, Neck, Arms
Thoracic Aorta	Chest Cavity
Abdominal Aorta	Abdominal Organs
Common Iliac	Lower Limbs

Venous System (COâ,,)

MAJOR VESSEL	DRAINAGE AREA
Superior Vena Cava	Upper Body
Inferior Vena Cava	Lower Body
Jugular Veins	Brain/Head
Hepatic Portal	Digestive Tract
Pulmonary Veins	Lungs to Heart*

[Central Network Diagram: Capillary Bed Integration Space]

Note: *Pulmonary veins carry oxygenated blood to the left atrium; pulmonary arteries carry deoxygenated blood to the lungs.