

## 2.1 Anatomy of the Circulatory System

### Blood

**Arteries** = \_\_\_\_\_

The heart pumps \_\_\_\_\_ oxygenated blood out to the body.  
(exception: pulmonary artery)

When arteries get smaller, they are called \_\_\_\_\_. Oxygen is delivered at the \_\_\_\_\_.

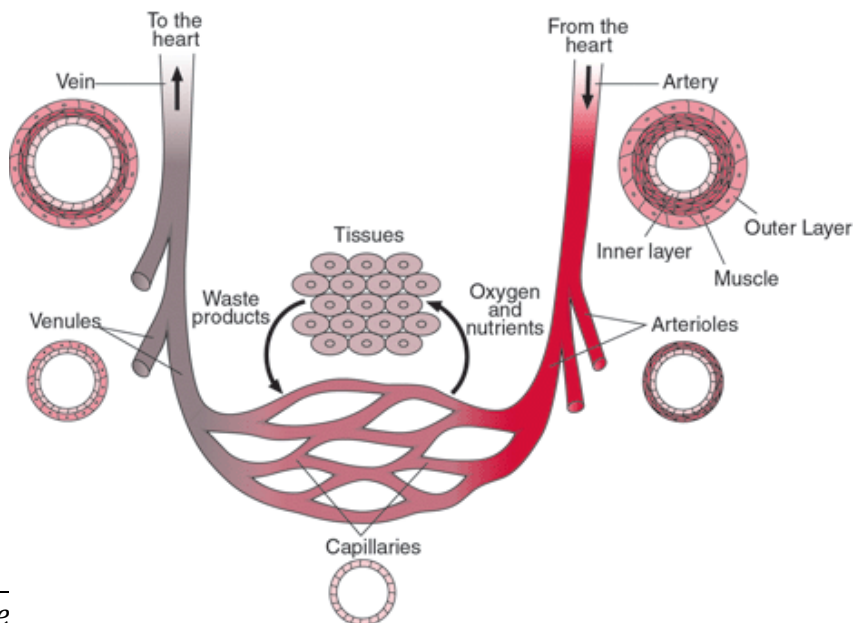
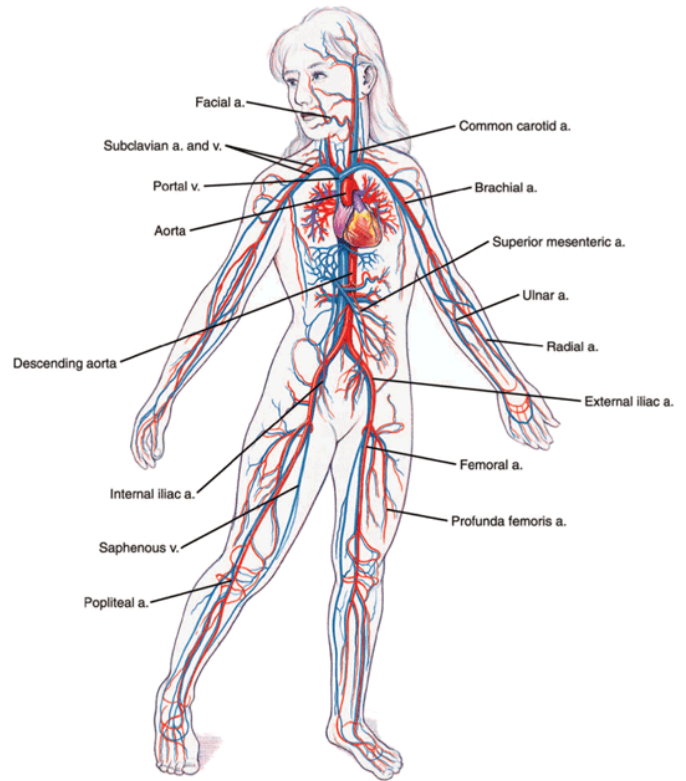
Arteries are under \_\_\_\_\_ pressure

**Veins** = \_\_\_\_\_

The oxygen is used, and the \_\_\_\_\_ (blue on every diagram) deoxygenated blood is carried back to the heart.  
(exception: pulmonary vein)

After leaving the capillaries, small veins are called \_\_\_\_\_.

Veins are under \_\_\_\_\_ pressure

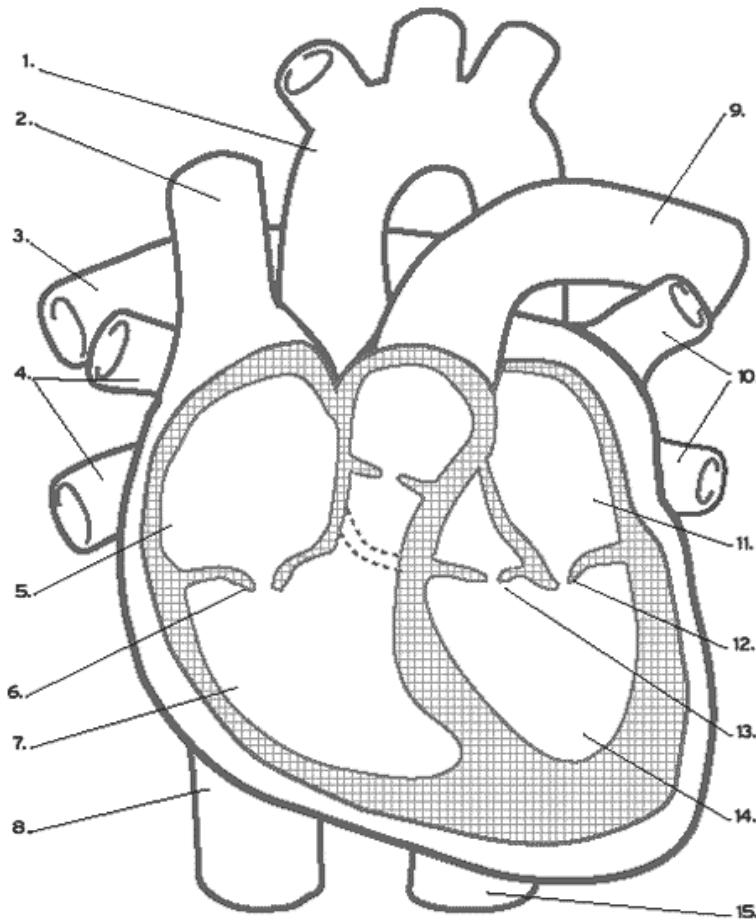


**The Heart:**

*Note: Your heartbeat is controlled by electrical impulses (a separate lesson)*

The **right** side of the heart pumps blood to the \_\_\_\_\_.

The **left** side of the heart pumps blood to the \_\_\_\_\_.



Valves between atriums and ventricles close... \_\_\_\_\_

Valves between heart and major arteries close... \_\_\_\_\_

**The Outside of the Heart:**



*supply the heart muscle with oxygen so that it can keep pumping*

### The Heart and Lungs Together:

