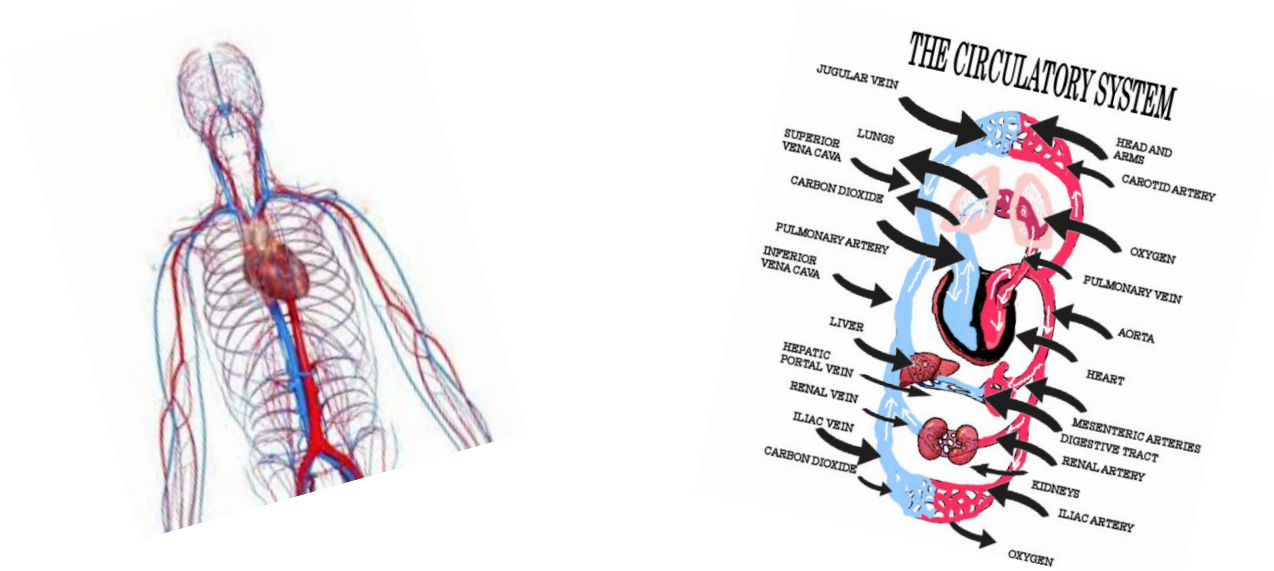


## Introduction to the Circulatory System

The circulatory system is an organ system that permits blood and lymph circulation to transport nutrients (such as amino acids and electrolytes), oxygen, carbon dioxide, hormones, blood cells, etc. to and from cells in the body to nourish it and help to fight diseases, stabilize body temperature and pH, and to maintain homeostasis.



Answer all of the following questions or statements:

- ***Include a picture of the circulatory (cardiovascular) system.***
- What is stroke volume and what can be said about big time athletes like Lebron James
- Completely describe arteries, veins and capillaries. Be sure to include the direction they move in relation to the heart, general musculature/thickness, valves, and any exchange that may take place.
- ***Include a picture of a vein, artery and capillary.***
- Describe one way to increase heart rate and one way to decrease heart rate.
- Briefly describe blood pressure, what is normal blood pressure and what is the specific name of one type of medication that can lower blood pressure.

### Circulatory System Pic:

"Mrs. Easley - Circulatory System." *Mrs. Easley - Circulatory System*. N.p., n.d. Web. 02 May 2013

### Circulatory With Organs

"Cs Its SCIENCE." : *Diagram; Circulatory System*. N.p., n.d. Web. 02 May 2013.

### Reading