Conclusion and facts

1. Describe an example that demonstrates how one human body system impacts the effectiveness of another

The respiratory system effects the circulatory system because red blood cells have to carry oxygen to other organs.

1. Describe three body processes or functions that all humans have in common.

Respiration- breathing

Involuntary nervous activity- heartbeat

Digestive System-getting nutrition

1. Provide an example of an individual difference that may impact the functioning of one of the human body systems.

A genetic difference in the respiratory system. If a person has allergies or asthma it can affect breathing.

1. Diseases and/or medical conditions often involve more than one system. In fact, the effects on a secondary system may be as serious as the primary system most associated with the problem. For example, heart disease can often cause fluid build up in the lungs. The primary system in this example is the cardiovascular system; the secondary system is the respiratory system. Fluid in the lungs will prevent the lungs from functioning properly causing the respiratory system to fail, yet the problem started with the cardiovascular system. Describe another medical condition or disease where the primary system causes a serious problem with a secondary system.

If your cardiovascular system fails the lack of blood flow will affect the kidneys and affect renal filtering.

10 Facts

1. The right lung is slightly larger than the left
2. The lungs inhale over 2 million liters of air each day
3. A person can breathe 40 pounds of dust in a life time
4. We breathe 13 pints of air every minute
5. Yawning brings more oxygen to the lungs
6. Average breath per minute is 12- 20
7. Exchange of oxygen and carbon dioxide occur in the alveoli
8. The trachea filters air
9. The breathing rate is faster in children and women than in men
10. We lose about half a liter of water when we breathe