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How Do the Systems of the Body Work Together?

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The Systems

Several systems in the human body work together to help keep it functioning normally. These systems are the skeletal, muscular, digestive, respiratory, circulatory, urinary, endocrine, lymphatic, immune, reproductive and the nervous. When something goes wrong in one system, it most likely will affect another system. The best way to protect oneself from infections and disease is to live a healthy life by exercising and eating healthy foods.

Nervous System

The nervous system has total control over all other systems. Systems of the body respond to signals sent out by the brain, which are delivered through the spinal cord. The nervous system includes the brain, spinal cord and nerves.

Skeletal and Muscular Systems

The skeletal system provides protection for the nervous system; the skull is a protective carriage that encases the brain. Bones in the spine protect the spinal cord. The skeletal system works closely with the muscular system to provide form, support and to help people move. The skeletal system also provides protection for the heart, lungs and kidneys.

Digestive System

The digestive system works closely with all other systems to provide food and energy to all body parts. It provides nutrients to systems to help them grow and function normally. This system consists of the stomach and large intestines.

Respiratory System

The respiratory system also works closely with all other systems of the body. The respiratory system provides oxygen for all body parts. It also removes carbon dioxide from the muscular, digestive, skeletal, circulatory, urinary and nervous systems. This system includes the nose, larynx, trachea and the lungs.

Circulatory System

The circulatory system helps move oxygen through the body created by the respiratory system. This system also has the task of moving wastes that need to be disposed of. This system includes the heart, veins, arteries, capillaries and blood.

Urinary System

The urinary system also works closely with all other systems of the body. It is used to clean blood from the body. This system cleans waste products from the skeletal, muscular, digestive, respiratory, circulatory and nervous systems. The system includes the kidneys and lower intestines.

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