

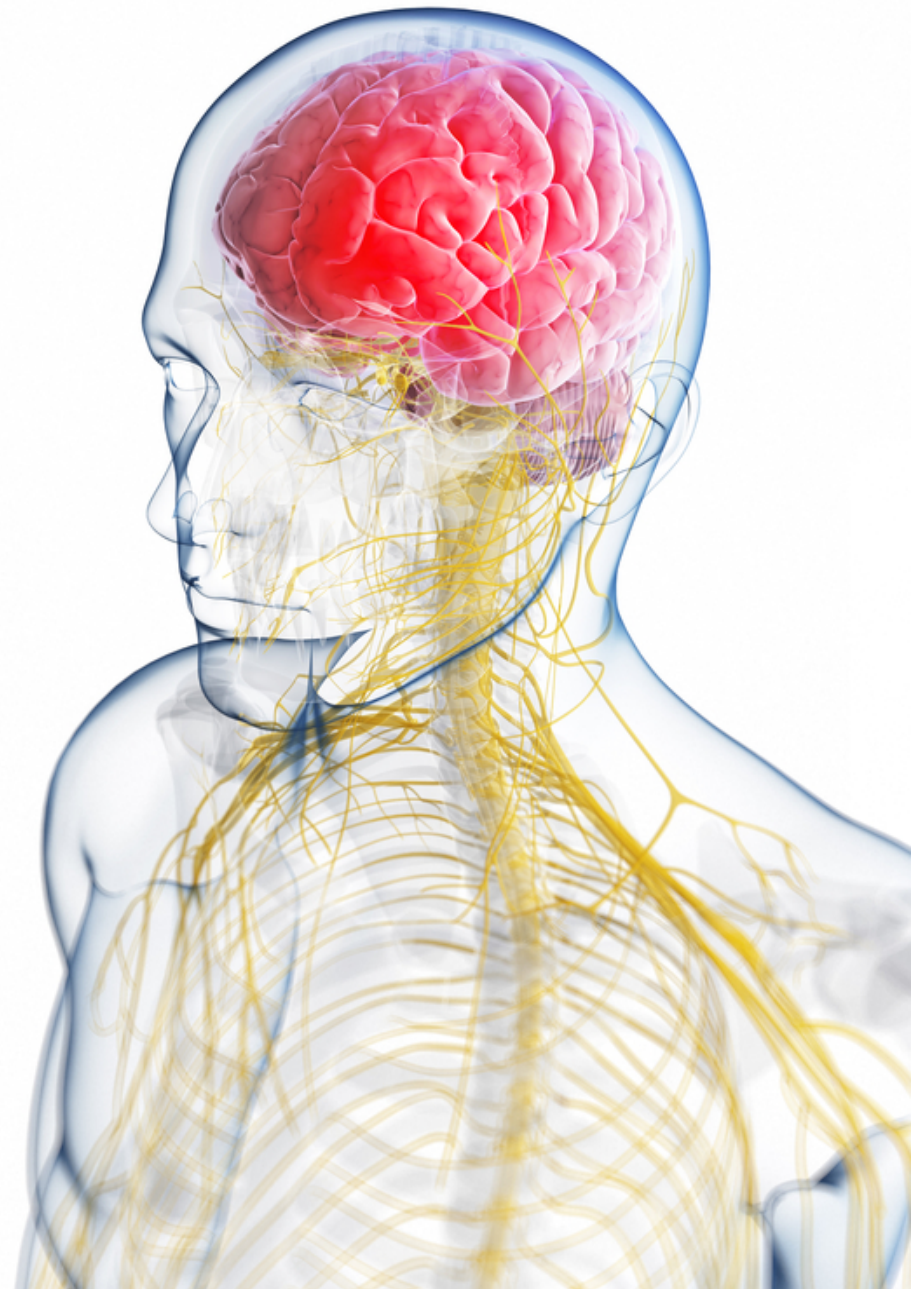


The Nervous System

Study*ladder*

What is the nervous system?

The nervous system is made up of the brain, the spinal cord, and a large network of nerves that covers the entire body.



What does the nervous system do?



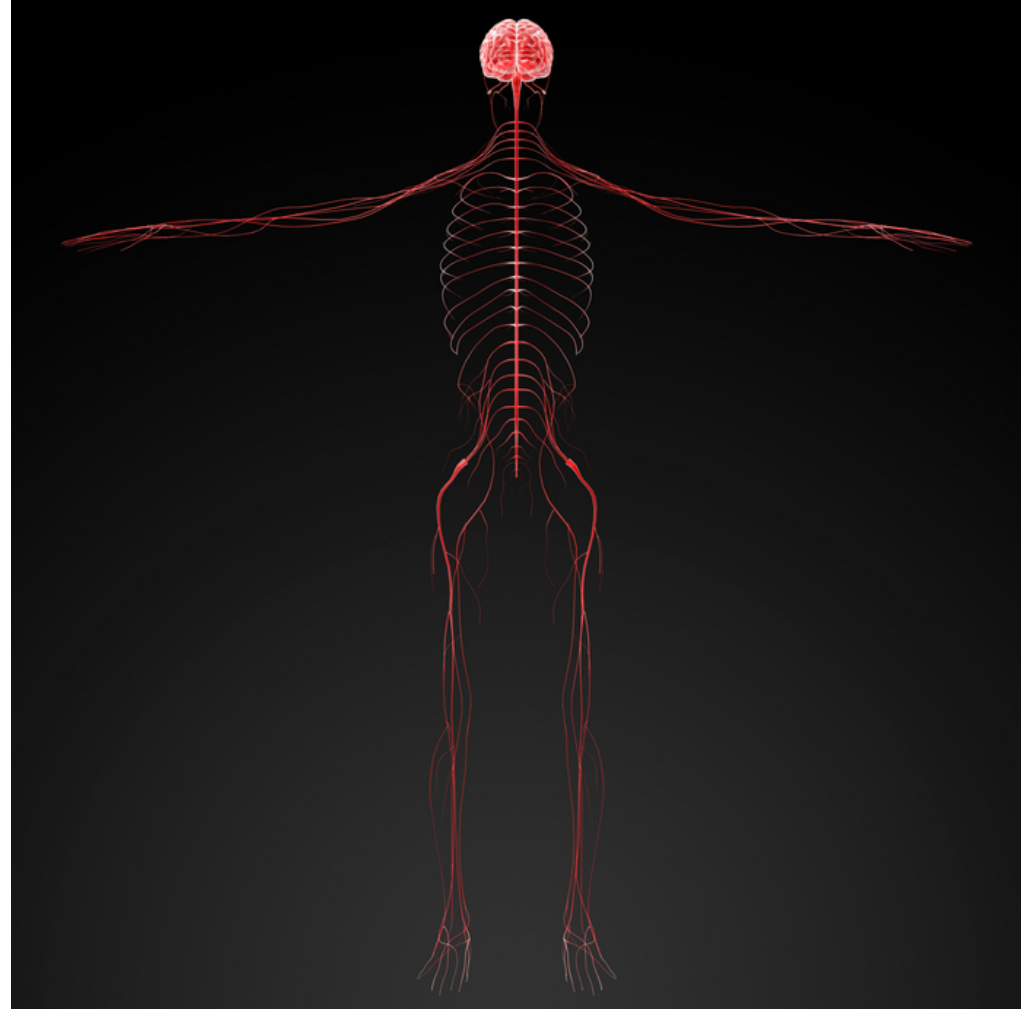
The nervous system is a method of transferring information between different parts of the brain and the body.

Your brain uses the information it receives from your nerves to coordinate all of your actions and reactions.

What is a nerve?

Nerves are a bundle of fibers. Each nerve fiber contains nerve cells called neurons that collect electrochemical impulses and

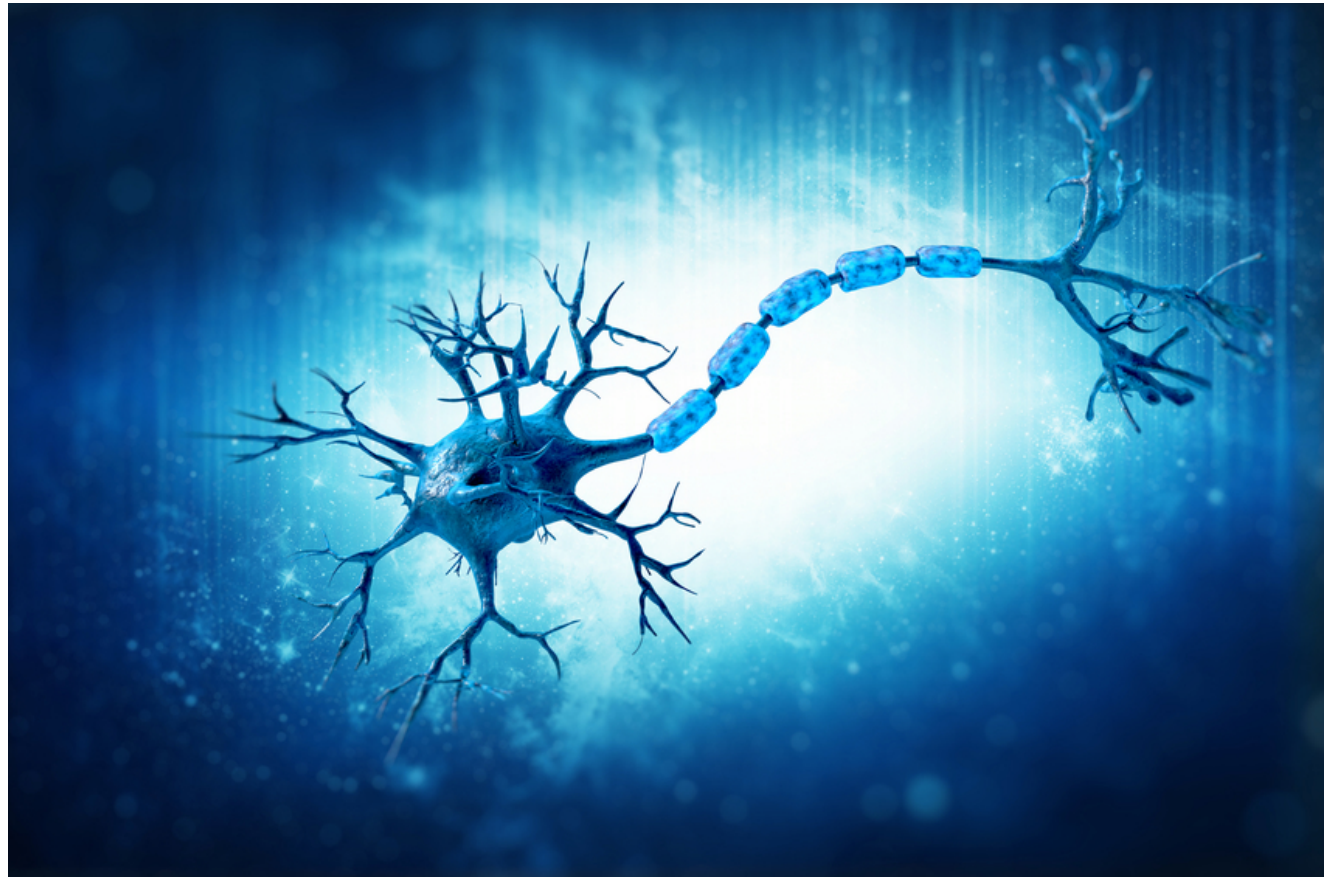
Some nerves are long, like the ones that go from your feet to your spinal cord.



Nerves

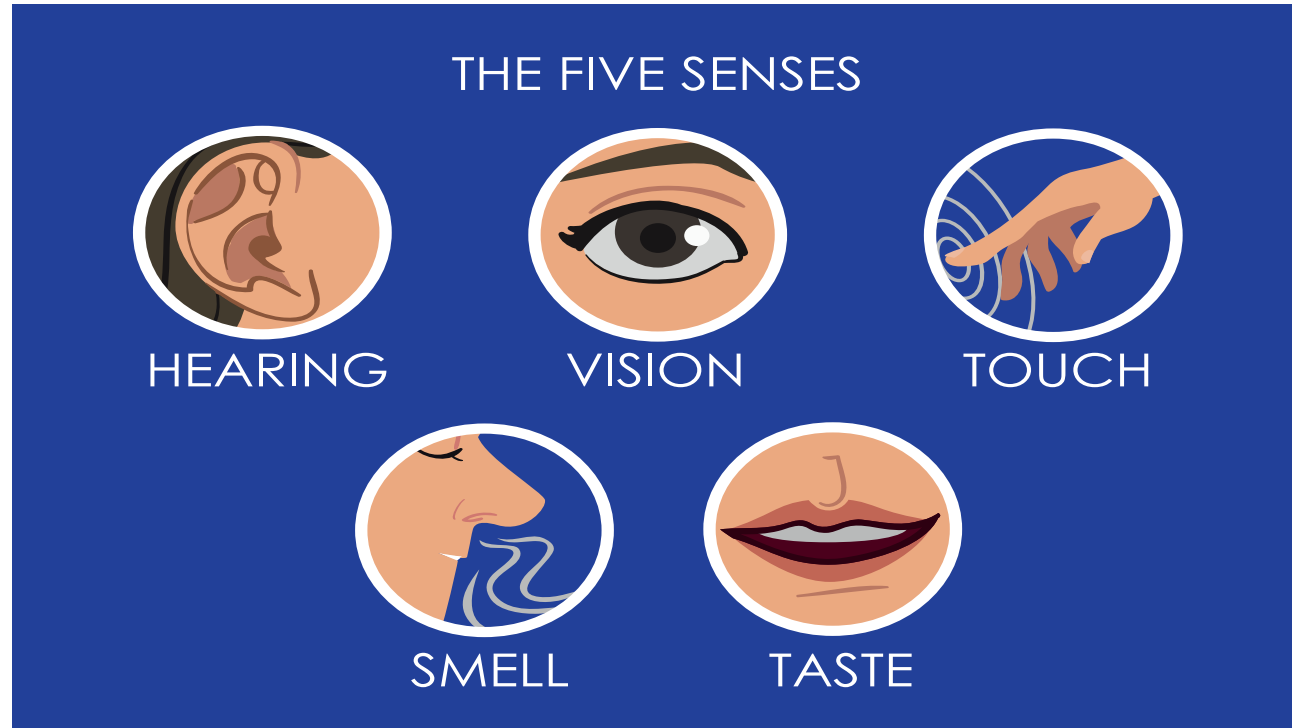
There are three types of nerves in the human body:

- sensory nerves
- motor nerves.
- autonomic nerves



Sensory Nerves

Sensory nerves carry signals to the brain to give it information about the outside world. This information is collected by our five senses.



These messages come from sensory nerves in our skin (touch), eyes (sight), tongue (taste), nose (smell), and ears (hearing).

Motor Nerves



Motor nerves allow the brain to control our muscles.

The brain sends signals through the motor nerves to tell our muscles to expand or contract so we can move.

Autonomic Nerves



Autonomic nerves are responsible for controlling our involuntary or semi-voluntary functions.

These functions are the ones we don't think about, such as heart rate, blood pressure, digestion, temperature regulation and sweating.