

# Nervous System Of Dogs

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# Dogs have 3 nervous systems

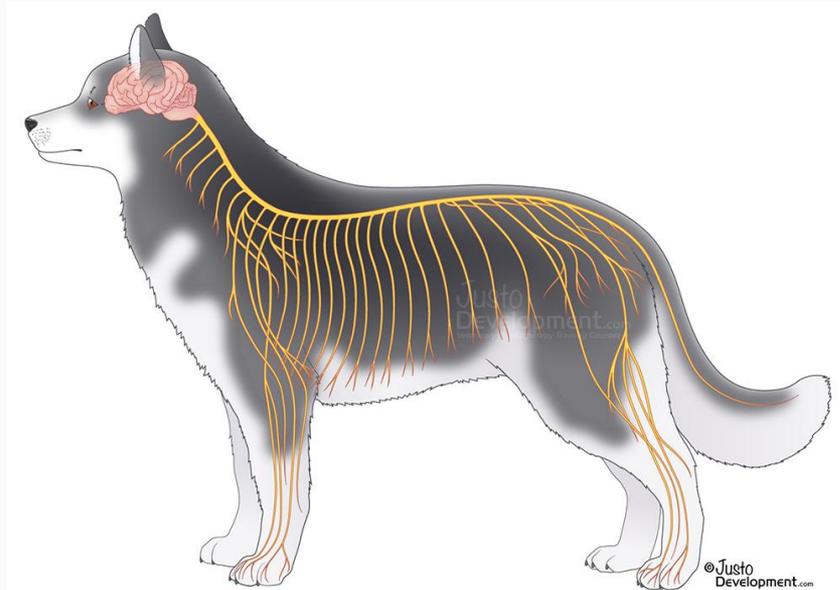
They have the Central nervous system, the Peripheral nervous system, and the Autonomic nervous system.

However, in this presentation, we'll be covering the Central nervous system.



# Parts of the Central nervous system

The Central nervous system deals with the brain, and spinal cord.

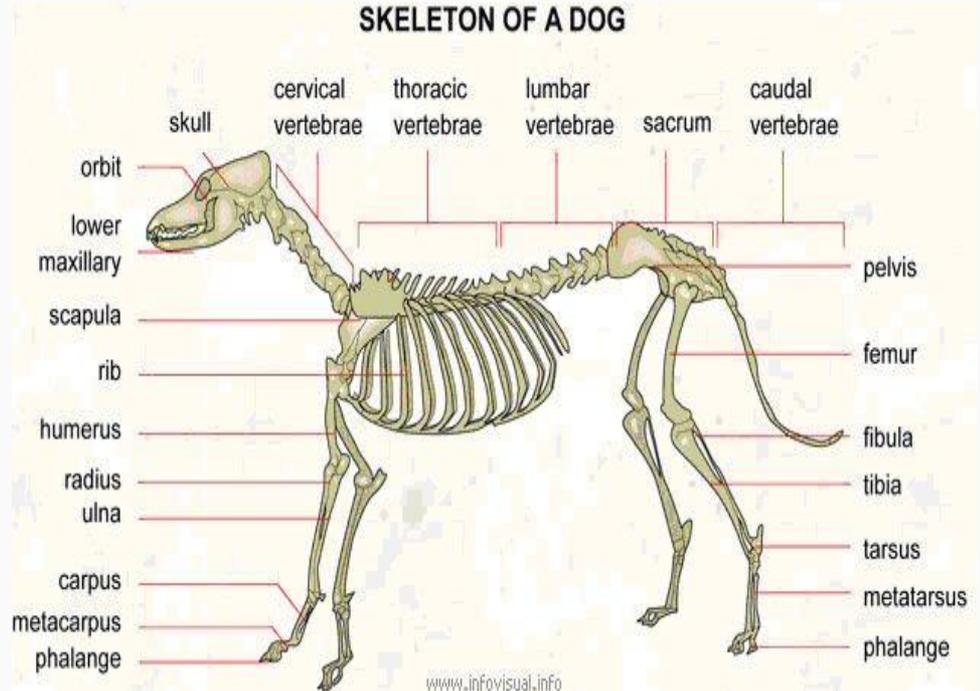


# Spinal Cord

The spinal cord is divided into regions that corresponds to the vertebral bodies which are the bones that make up the spine.

From neck to tail, the parts of the spine are the cervical, the thoracic, the lumbar, the sacral, and the caudal segments. In that order.

The spinal cord mainly serves as a pathway for messages sent by the body to the brain, or from the brain to the body.



# The Brain

The brain affects the nervous system in many ways, it receives information directly from their senses (sight, hearing, taste, touch, smell). The information it receives determines how they react, think and plan. Then it proceeds to send the instructions to the rest of their body.

The brain is made up of three parts, the brainstem, the cerebellum, and the cerebrum



# What does the Central nervous system do?



The Central nervous system controls most functions of the body and mind. It controls all voluntary movement. It controls the ability to walk, bark, breathe, learn, and play.

# Why is the nervous system important?

The nervous system is important because without it dogs wouldn't be able to perform all of the tasks that they do. They'd just be completely paralyzed. We wouldn't have anymore herding dogs or K-9 units, dogs are a valuable part in our everyday lives and without the nervous system they wouldn't be near as useful.