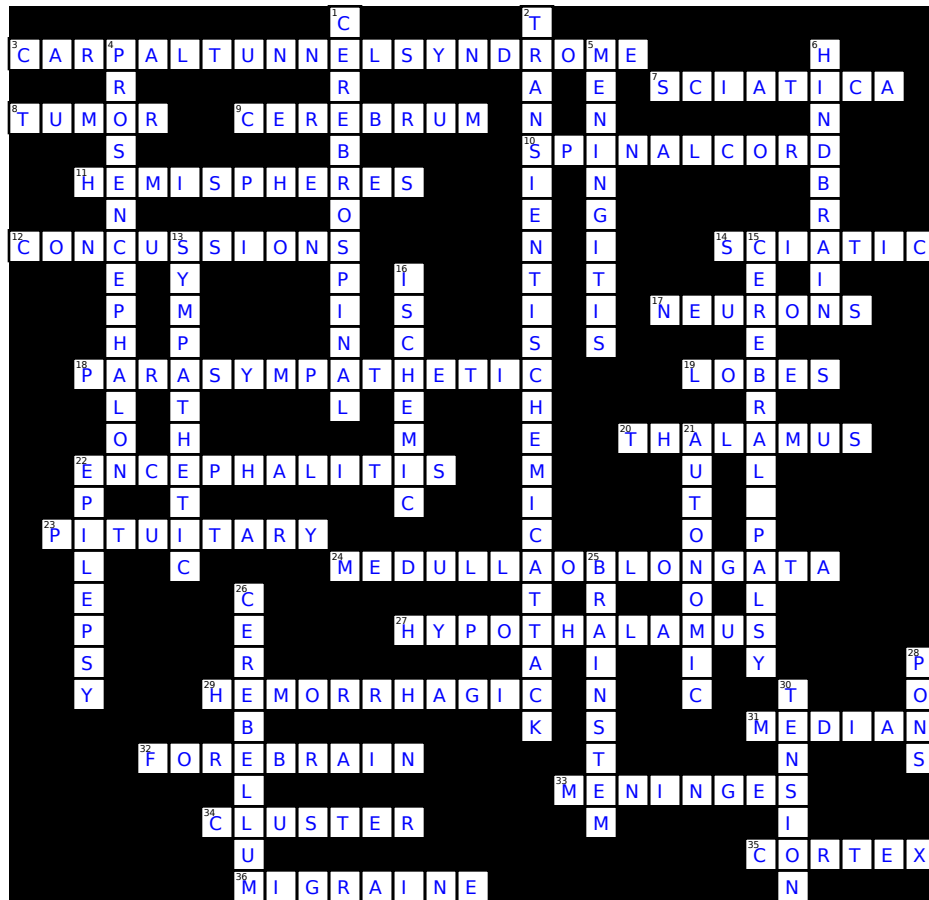


# Nervous System

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## Across

- 3 medical condition in which the median nerve is compressed at the wrist, leading to pain, paresthesias, and muscle weakness in the forearm and hand.
- 7 set of symptoms including pain that may be caused by general compression and/or irritation of one of five nerve roots that give rise to the sciatic nerve, or by compression or irritation of the sciatic nerve itself.
- 8 swelling caused by overgrown tissue.
- 9 contains the information that essentially makes us who we are: our intelligence, memory, personality, emotion, speech, and ability to feel and move. Specific areas of the cerebrum are in charge of processing these different types of information.
- 10 long, thin, tubular bundle of nerves that is an extension of the central nervous system from the brain and is enclosed in and protected by the bony vertebral column.
- 11 The cerebrum has right and left halves, called \_\_\_\_\_.
- 12 internal head injury that causes the temporary loss of normal brain function.
- 14 \_\_\_\_\_ nerve is a large nerve that starts in the lower back and runs through the buttock and down the lower limb. It is the longest and widest single nerve in the body.
- 17 basic functioning of the nervous system depends a lot on tiny cells called \_\_\_\_\_.
- 18 \_\_\_\_\_ nervous system prepares the body for rest. It also helps the digestive tract move along so our bodies can efficiently take in nutrients from the food we eat.
- 19 There are 4 \_\_\_\_\_: the frontal, parietal, temporal, and occipital.
- 20 \_\_\_\_\_ gland carries messages from the sensory organs like the eyes, ears, nose, and fingers to the cortex.
- 22 inflammation of the brain tissue. Both conditions may result in permanent injury to the brain.
- 23 \_\_\_\_\_ gland makes the hormones that control our growth, metabolism, digestion, sexual maturity, and how we respond to stress.
- 24 lower portion of the brainstem. It deals with autonomic functions, such as breathing and blood pressure.
- 27 \_\_\_\_\_ gland controls the pulse, thirst, appetite, sleep patterns, and other processes in our bodies that happen automatically.
- 29 \_\_\_\_\_ stroke happens when a blood vessel in the brain bursts, and blood bleeds into the brain.
- 31 \_\_\_\_\_ nerve is a nerve that runs down the arm and forearm. It is one of the five main nerves originating from the brachial plexus.
- 32 the largest and most complex part of the brain.
- 33 Both the brain and the spinal cord are protected by bone: the brain by the bones of the skull, and the spinal cord by the set of ring-shaped bones called vertebrae that make up the spine. They're both cushioned by layers of membranes called \_\_\_\_\_.
- 34 \_\_\_\_\_ headache is often considered to be a form of migraine.
- 35 information collected by the five senses comes into the brain from the spinal cord to the \_\_\_\_\_.
- 36 \_\_\_\_\_ headache intense, recurring headache with an unclear cause.

## Down

- 1 \_\_\_\_\_ fluid helps protect the nerve tissue, keep it healthy, and remove waste products.
- 2 A "mini-stroke"
- 4 the rostral-most (forward-most) portion of the brain.
- 5 nflammation of the coverings of the brain and spinal cord.
- 6 sits underneath the back end of the cerebrum, and it consists of the cerebellum, pons, and medulla.
- 13 \_\_\_\_\_ nervous system prepares the body for sudden stress, like if you see a robbery taking place.
- 15 condition is the result of a developmental defect or damage to the brain before or during birth.
- 16 \_\_\_\_\_ stroke happens when blood is blocked from getting to the brain. This often happens because the artery is clogged with fatty deposits (atherosclerosis) or a blood clot.
- 21 \_\_\_\_\_ nervous system responsible for controlling many of the body processes we almost never need to think about, like breathing, digestion, sweating, and shivering.
- 22 condition of the nervous system that can lead people to have seizures.
- 25 takes in, sends out, and coordinates all of the brain's messages.
- 26 also called the "little brain" because it looks like a small version of the cerebrum — is responsible for balance, movement, and coordination.
- 28 structure located on the brain stem. It is rostral to the medulla oblongata, caudal to the midbrain, and ventral to the cerebellum.
- 30 \_\_\_\_\_ headache is caused by muscle tension in the head, neck, and shoulders.