



## Symptoms

The nerve roots leaving the neck area serve the arms. When a cervical nerve root is injured, pain, weakness, numbness or tingling may be felt in the shoulder, arm or hand.

### Damage at the C6 level of the cervical spine

Symptoms include pain in the shoulder, arm, thumb and index finger. Weakness in the arm may also occur.

### Damage at the C7 level of the cervical spine

Symptoms include pain in the neck, shoulder and down the middle finger. Weakness in the arm, back of the hand and middle finger may also occur.

### Damage at the C5 level of the cervical spine

Symptoms include pain in the shoulder and upper arm. Weakness in the upper arm and shoulder may also occur.



# Cervical Radiculopathy

The spinal cord branches out to all parts of the body. The part of a nerve that connects to the spinal cord is called a nerve root. If one of these roots is injured or pinched, pain, weakness, numbness or tingling may be felt in the part of the body served by that nerve.

## MOST COMMON CAUSES OF NERVE ROOT INJURY

### Herniated Disc

When a spinal disc ruptures, it may press on a nerve root.



### Spinal Stenosis

The bones creating the spinal canal may grow inward, pinching a nerve root.



### Degenerative Disc Disease

If a spinal disc weakens, vertebral bones above and below the disc may touch, pinching nearby nerve roots.

Bony spurs also may press on the nerves.

