

# An Editorial on Spinal Stenosis

Paul Bard\*

Department of Neuroscience, Kabul University, Afghanistan

## Editorial

The spinal canal is the hollow tunnel through which the spinal cord flows, produced by the foramen of the vertebrae. The nerves are bathed in cerebrospinal fluid, which fills the spinal canal. The canal starts at the base of the skull and runs all the way down to the sacrum. Nerve roots sprout from perforations on either side of the canal as the spinal cord descends through the canal, and nerves branch out at the end of the spinal cord to produce a horse-like tail. Due to disc herniation or bone spurs, the nerve root exiting the spinal canal gets compressed or choked, resulting in spinal stenosis.

Spinal stenosis is a narrowing of the gaps in your spine, putting pressure on the nerves that run through it. The lower back and neck are the most common sites for spinal stenosis. Some people with spinal stenosis don't show any signs or symptoms. Pain, tingling, numbness, and muscle weakness may be experienced by others. Symptoms can become more severe over time. Wear-and-tear alterations in the spine produced by osteoarthritis are the most common cause of spinal stenosis. Doctors may propose surgery to make more space for the spinal cord or nerves in severe cases of spinal stenosis.

The many kinds of spinal stenosis are categorised based on where the problem develops in the spine. It is possible to have multiple types. There are two types of spinal stenosis:

- Cervical stenosis is a condition in which the narrowing of the spine in the neck occurs.
- Lumbar stenosis is a condition in which the narrowing of the spine in the lower back occurs. The most prevalent type of spinal stenosis is this.

Many persons with spinal stenosis have signs of it on an MRI or CT scan but no symptoms. When they do happen, they usually start slowly and get worse over time. The symptoms vary depending on where the stenosis is located and which nerves are affected. In the cranium (cervical spine), Hand, arm, foot, or leg numbness or tingling Hand, arm, foot, or leg weakness Walking and balance issues, etc. neck ache. Bowel or bladder dysfunction in severe cases: Lower back pain (lumbar spine), tingling or numbness in the foot or leg A foot or leg that is weak, When you stand for long periods of time or walk, you may experience pain or cramping in one or both legs, which normally subsides when you lean forward. [1-3]

From your neck to your lower back, the backbone (spine) runs. The spinal canal is formed by the bones of your spine and protects your spinal cord (nerves). Some individuals are born with a narrow spinal canal. However, the majority of spinal stenosis occurs when something narrows the free area within the spine. The majority of persons with spinal stenosis are over 50 years old. While degenerative changes can induce spinal stenosis in younger persons, there are additional explanations to consider. Trauma, congenital spinal deformities like scoliosis, and a genetic condition that affects bone and muscle growth throughout the body are all examples. These reasons can be distinguished via spinal imaging. [4, 5]

## Conflict of Interest

None

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\*Address for Correspondence: Paul Bard, Department of Neuroscience, Kabul University, Afghanistan, E-mail: bardP32@yahoo.in

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