

Minimally Invasive Spine Surgery

Relieving your Back and
Neck Problems



Back and Neck Problems

Risk Factors

Body Weight/Lifestyle

Occupation

Genetics

Causes

Osteoporosis

Spine injuries

Tumors



Back and Neck Pain

Indications and Treatments

Indications

1

**Herniated
Discs**

2

**Compression
Fracture**

3

Stenosis

Treatments

1

**Endoscopic
Discectomy**

2

**Tubular
Resection**

3

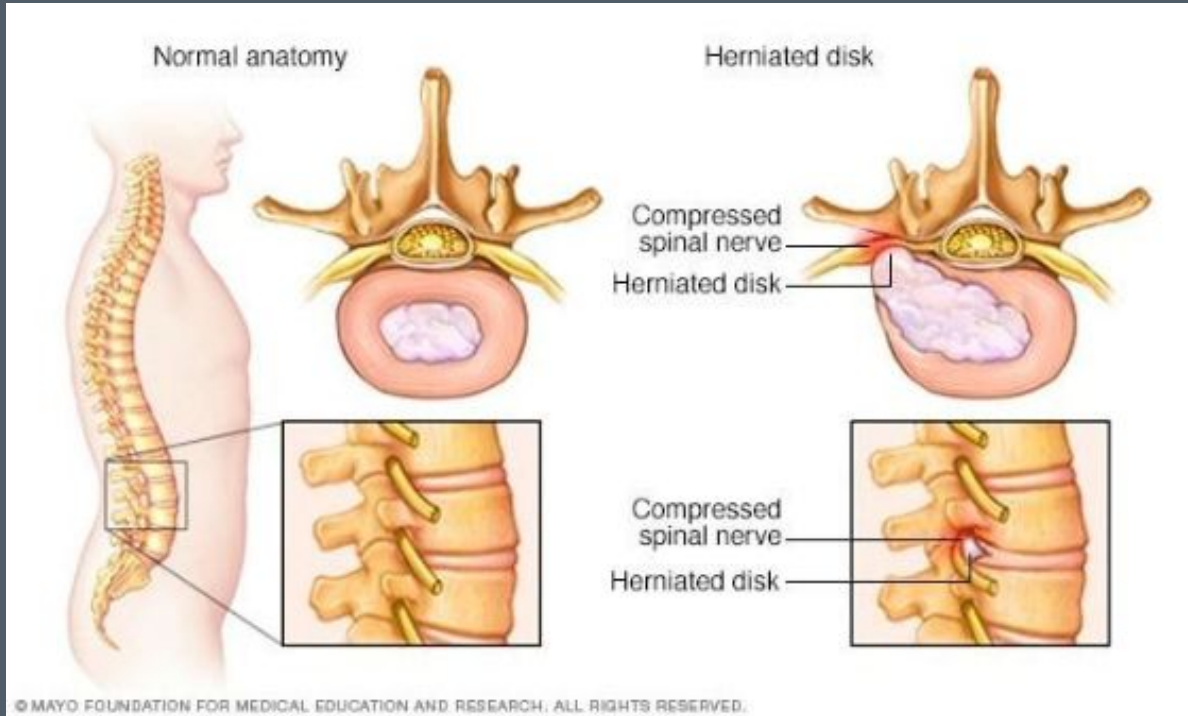
**Percutaneous Fixation
and Fusion**

Back and Neck Problems

INDICATIONS

Herniated Discs

Problem with rubbery disc between spinal bone(vertebrae)



Symptoms

Arm or leg pain

Numbness or Tingling

Muscle weakness

Compression Fractures

A Fracture or break in your vertebrae causing the vertebrae to collapse, making them shorter in height



Symptoms

Slowly worsening back pain

Decrease in your height

Limited movement in spine

A stooped over-posture

Numbness or tingling, weak muscles

Stenosis

Narrowing of spaces within spine, that puts pressure on nerves travelling through them.

Cervical stenosis - affects neck

Lumbar stenosis - affects lower back

Symptoms

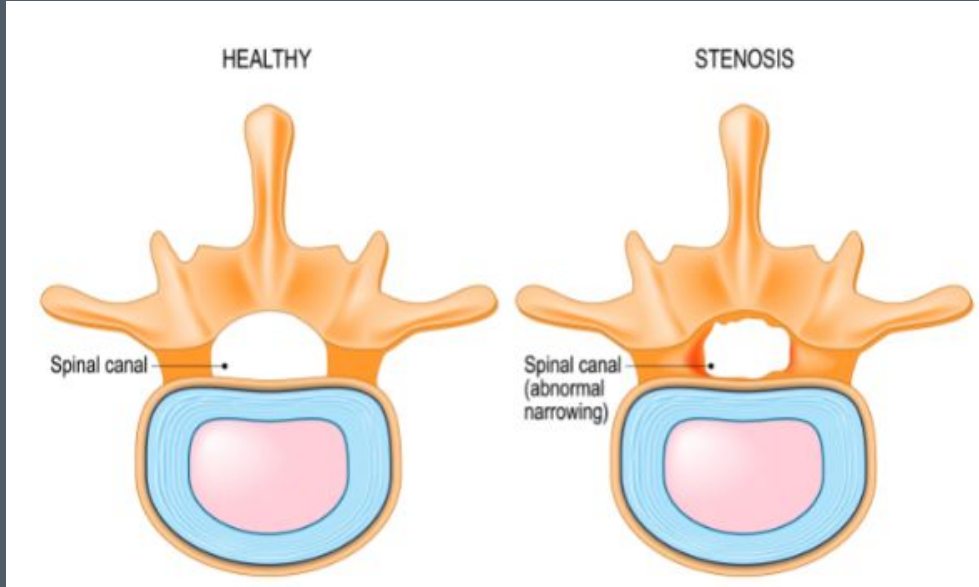
Numbness in hand ,arm,foot or leg

Weakness in hand,arm,foot or leg

Problems with walking and balance

Back and Neck pain

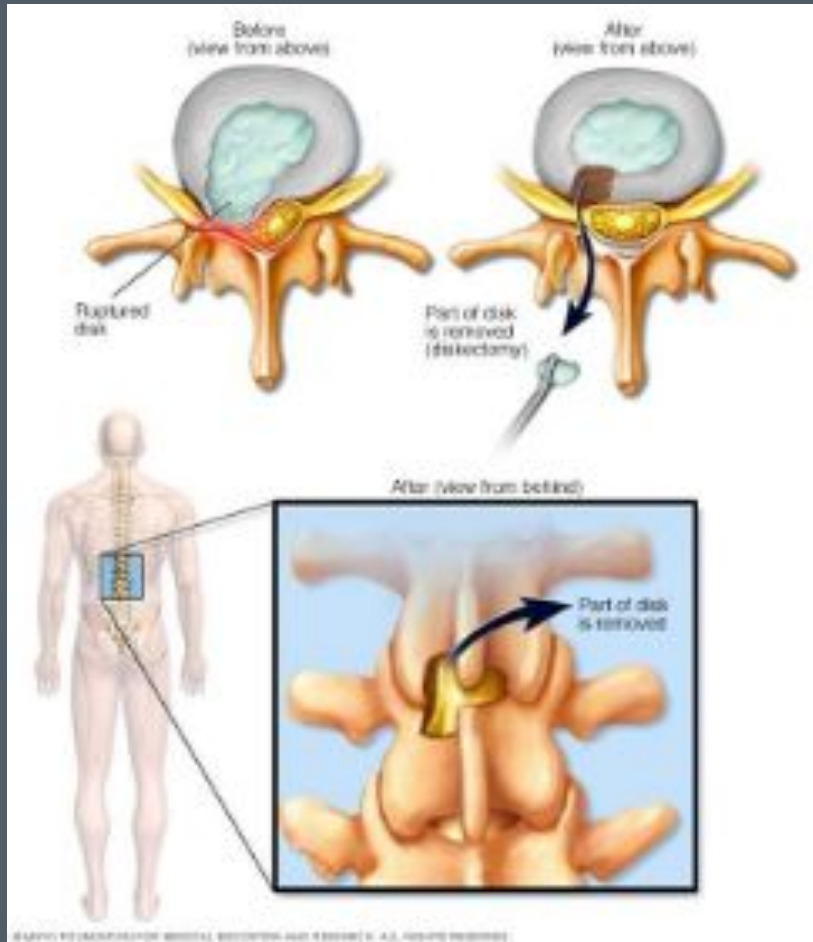
Bowel or bladder dysfunction



Back and Neck Problems

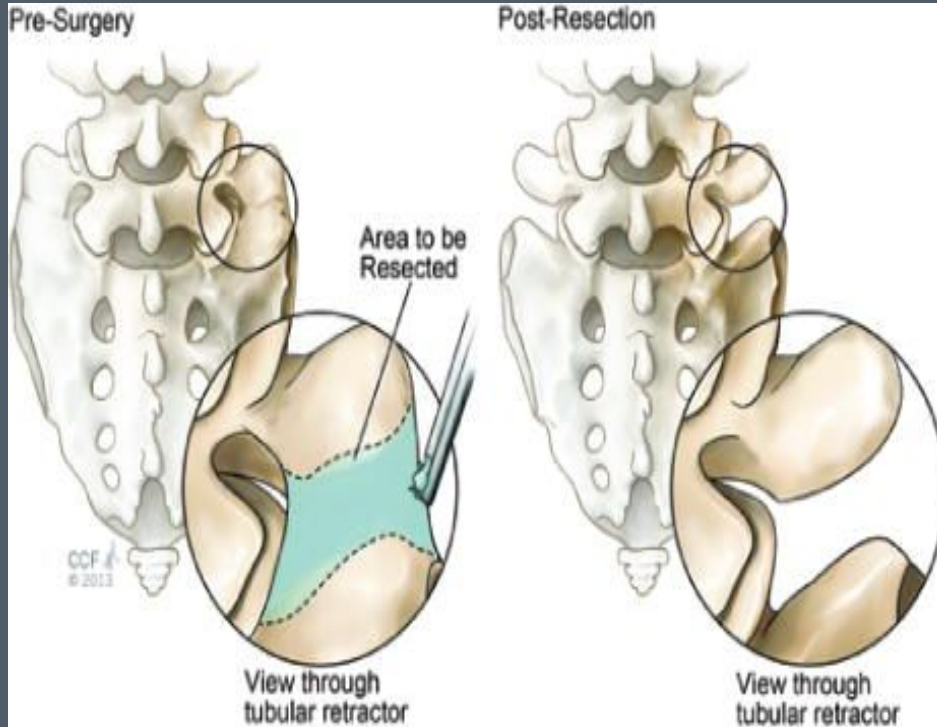
A dark blue oval with a slight shadow, containing the word TREATMENTS in white capital letters.

TREATMENTS



Minimally Invasive Endoscopic Discectomy

Treats Lumbar disc disease .It is done by using an endoscope for direct removal of disc



Minimally Invasive Tubular Resection

A Tumor resection or excision is done from front or back of the body

Minimally Invasive Percutaneous Fixation and Fusion

A Surgical Technique to implant metal rods and screws to stabilize the spine. Used during a spinal fusion procedure. An Expert Spine Surgeon consultation and recommendation is the must.

Preventive Measures

Weight Bearing
Exercises



Maintain Good
Posture



Maintain
Healthy Weight



Quit Smoking





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THANK YOU