

Fusion - Posterior Lumbar Interbody Fusion (PLIF)

Overview

Posterior Lumbar Interbody Fusion uses implants and bone graft material to fuse two of your vertebrae. This surgery stabilizes your spine and relieves pain caused by a compressed spinal nerve.

Preparation

In preparation for the procedure, you are positioned face-down and anesthetized. The surgeon makes an incision in your lower back to reveal your spine. The surgeon removes a portion of bone (lamina) from the rear of one of your vertebrae, providing access to your damaged spinal disc.

Removing the Damaged Disc

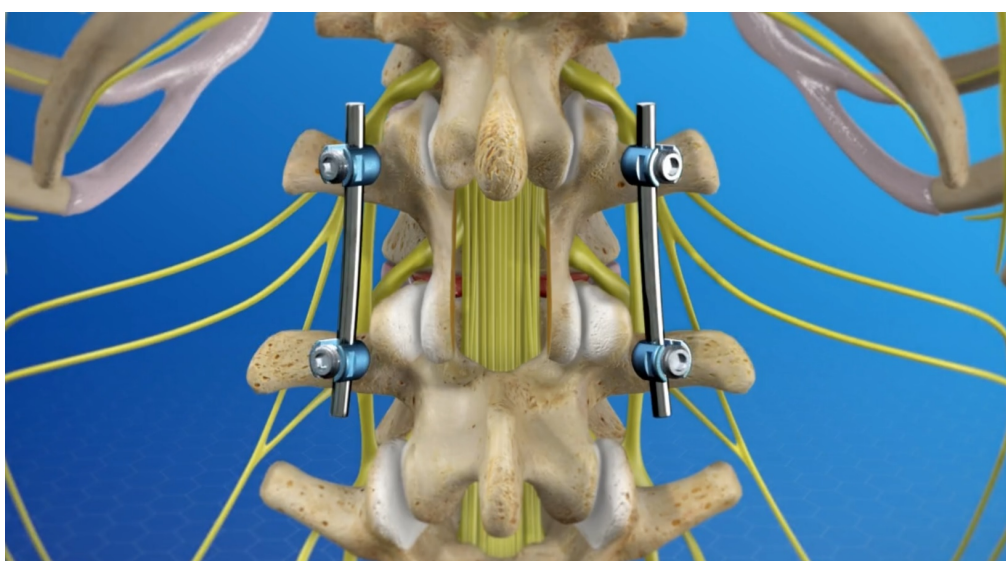
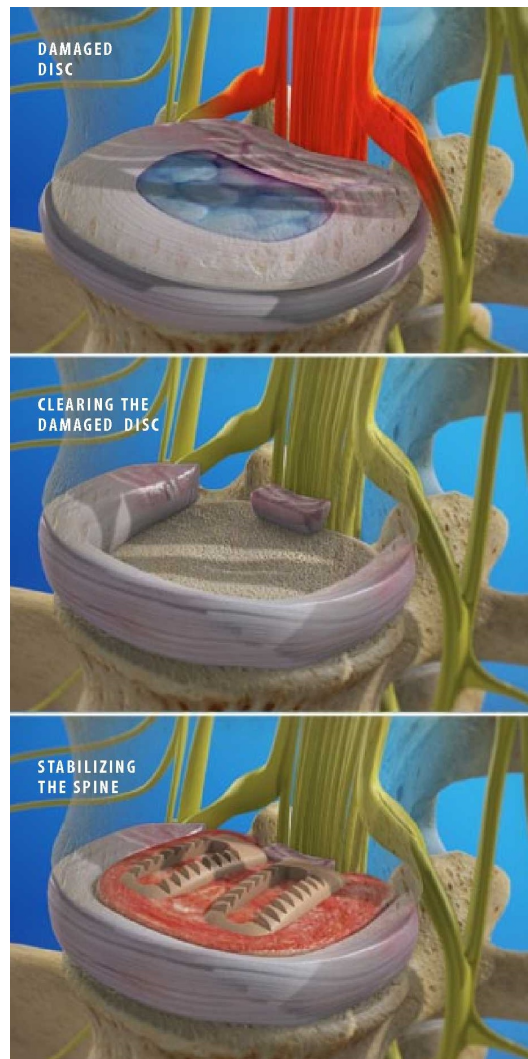
The surgeon carefully removes most of your damaged disc, leaving a portion of the disc wall that will help contain the graft material.

Stabilizing the Spine

The surgeon spreads the upper and lower vertebrae to properly align the spine. This should relieve pressure on the compressed nerve. This alignment is preserved with implants and bone graft material packed inside the remaining disc wall.

Rods And Screws

The surgeon will attach rods and screws at the rear of your spine, to help lock the vertebrae together. Bone graft is placed along these rods and screws, to integrate with your living bone material and permanently fuse your vertebrae.



End of Procedure and Aftercare

When the procedure is complete, your incision is stitched closed. While this fusion will reduce your low back range of motion, it should also alleviate your compressed nerve pain and symptoms.