

Biportal Endoscopic Decompression

Dong Hwa Heo, Choon Keun Park

수원월스기념병원

The authors performed a unilateral laminotomy with bilateral foraminal decompression using a unilateral biportal endoscopic system in patients with central and lateral recess stenosis.

We were able to perform enough canal decompression using biportal endoscopic technique similar to microscopic surgery.

From a surgical point of view, percutaneous biportal endoscopy is very similar to microscopic spinal surgery, permitting good visualization of the contralateral sublaminar and medial foraminal areas. The authors suggest that the biportal endoscopic decompression, which is a minimally invasive procedure, is an alternative treatment option for degenerative lumbar stenosis.

At the same time, it offers the advantages of a minimally invasive intervention. However, we need long-term follow-up and a more detailed study for more accurate results of this technique.