Interventional Pain Management Treatment Of Failed Spinal Cord Stimulator Using An Interspinous Interlaminar Fixation Device*

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Introduction

• Pain management doctors are limited in their treatment options of the underlying cause of degenerative spinal stenosis and thus turn to neuromodulation

Aim

• This study explores the use of an interspinous interlaminar fixation device to treat spinal stenosis in patients who have failed neuromodulation using spinal cord stimulators (SCS) align laterally displaced spinous processes.

Methods

Prospective multicenter clinical study. Inclusion criteria: patients with chronic lower back pain, patients with previous spinal cord stimulator implanted, radiographic evidence of spinal stenosis. Exclusion criteria: patients with previous spinal fusion at the affected level, BMI >42, malignancy, acute fracture, or trauma.

Results

• No complication
• No spinous process fracture
• No device failure
• No revisions
• Implant range 12-16 mm
• Average blood loss less than 25 cc
• 100% of patients had improvement in VAS and Oswestry

References:


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