

Key Inclusion Criteria*

1. Pathology

- a. Grade 1 degenerative spondylolisthesis
- b. Up to 1 adjacent level of foraminal stenosis for up to 2 level decompression

2. Clinical symptoms

- a. Leg/buttock pain, with or without back pain
- b. NRS leg pain score ≥ 4
- c. ODI score ≥ 30
- d. 6 months of conservative care

Schedule of Assessments

	Baseline	6 Weeks, 6 Months	Annual (5yrs)
History & Physical	X		
Neurological Exam	X	X	X
4-view x-rays	X		X
NRS, ZCQ, ODI, SF-36	X	X	X

Key Exclusion Criteria*

1. Pathology

- a. $>$ Grade I spondylolisthesis
- b. Spondylolysis
- c. Scoliosis with Cobb angle of $\geq 25^\circ$
- d. Metabolic bone disease
- e. History of pathologic fractures of the vertebrae
- f. Malignant tumor, spinal tumor
- g. Systemic or local infection at time of surgery
- h. Prior lumbar spine surgery
- i. Patients who will undergo a discectomy
- j. Spinal instability defined by ≥ 4 mm translational motion on flex/ex films

2. Clinical symptoms

- a. Back pain only
- b. Fixed motor deficit
- c. Cauda equina syndrome

3. Other

- a. Significant psychological disturbance (past or present)
- b. Workers' compensation
- c. Morbid obesity (BMI > 40)
- d. History of narcotic abuse
- e. Uncontrolled diabetes
- f. Current involvement in another drug or device clinical trial

*Please refer to the study protocol for a comprehensive list of inclusion and exclusion criteria.