

**Supplement 2.** Patient demographics and surgical characteristics of matched patient cohort

Characteristic	No durotomy (N=1,578)	Incidental durotomy (N=526)	p-value
Age (yr)	63.4±12.3	63.6±12.3	0.8112
Sex			0.940
Female	744 (47.1)	249 (47.3)	
Male	834 (52.9)	277 (52.7)	
Body mass index (kg/m <sup>2</sup> )	30.8±6.5	30.5±6.2	0.551
Smoking status			0.710
Current smoker	286 (18.1)	87 (16.5)	
Former smoker	486 (30.8)	166 (31.6)	
Non-smoker	806 (51.1)	273 (51.9)	
Charlson comorbidity index	0.84±1.2	0.81±1.2	0.440
ASA classification	2.42±0.77	2.45±0.71	0.531
Preoperative diagnosis			
Degenerative disc disease	27 (1.7)	12 (4.0)	0.401
Spondylolisthesis	635 (40.2)	219 (41.6)	0.573
Stenosis	1,168 (74.0)	414 (78.7)	0.031*
Herniation	294 (18.6)	87 (16.5)	0.281
Scoliosis	150 (9.5)	56 (10.6)	0.446
Radiculopathy	278 (17.6)	74 (14.1)	0.059
Kyphosis	51 (3.2)	35 (6.7)	0.001*
Spinal cord injury/trauma	11 (0.7)	1 (0.2)	0.315
Infection	23 (1.5)	4 (0.8)	0.268
Fracture	34 (2.2)	13 (2.5)	0.670
Nonunion	21 (1.3)	7 (1.3)	1.000
Fusion procedure	1,105 (70.0)	374 (71.1)	0.640
No. of levels fused	2.16±2.0	2.51±2.4	0.014
No. of levels decompressed	2.01±1.3	2.38±1.6	<0.001*
Revision procedure	303 (19.2)	155 (29.5)	0.029*

Values are presented as mean±standard deviation or number (%).

ASA, American Society of Anesthesiologists.

\* $p < 0.05$  (statistical significance).