

**Supplement 1.** Baseline characteristics of the propensity-score matched cohorts

Characteristic	LOS ≤1 day (n=1,879)	Matched LOS >1 day (n=1,879)	p-value <sup>a)</sup>
Age (yr)	61.6±12.9	61.5±12.9	0.653
Female	856 (45.6)	850 (45.2)	0.844
Race			0.877
Caucasian	1,548 (82.4)	1,565 (83.3)	
Black	119 (6.3)	110 (5.9)	
Hispanic	73 (3.9)	73 (3.9)	
Other/not reported	139 (7.4)	131 (7.0)	
Primary diagnosis			0.626
Spinal stenosis	943 (50.2)	950 (50.6)	
Spondylolisthesis	327 (17.4)	351 (18.7)	
Degenerative disc disease	215 (11.4)	218 (11.6)	
Disc displacement	235 (12.6)	221 (11.8)	
Spondylosis	158 (8.4)	139 (7.4)	
ASA classification			0.843
1-2	1,088 (57.9)	1,082 (57.6)	
3	791 (42.1)	797 (42.4)	
Obesity			0.639
WHO class	553 (29.4)	535 (28.5)	
WHO class II or III	385 (20.5)	374 (19.9)	
Dependent functional status	13 (0.7)	14 (0.7)	0.902
Diabetes mellitus			0.075
Non-insulin	251 (13.4)	209 (11.1)	
Insulin	82 (4.4)	96 (5.1)	
Current smoker	367 (19.5)	361 (19.2)	0.804
Hypertension	1,080 (57.5)	1,044 (55.6)	0.236
Chronic obstructive pulmonary disease	79 (4.2)	66 (3.5)	0.271
Congestive heart failure	4 (0.2)	8 (0.4)	0.248
Chronic steroid use	59 (3.1)	51 (2.7)	0.439
Anemia	342 (18.2)	384 (20.4)	0.687
Leukocytes			0.376
≥12,000/μL	53 (2.8)	43 (2.3)	
<4,000/μL	37 (2.0)	48 (2.6)	
Platelets <150,000/μL	94 (5.0)	81 (4.3)	0.314
Sodium <135 mEq/L	86 (4.6)	86 (4.6)	1.000

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**Supplement 1.** Continued

Characteristic	LOS ≤1 day (n=1,879)	Matched LOS >1 day (n=1,879)	p-value <sup>a)</sup>
Partial thromboplastin time >40 sec	8 (0.4)	11 (0.6)	0.614
International normalized ratio >1.4	12 (0.6)	11 (0.6)	0.834
Surgeon specialty			0.374
Neurosurgery	1,077 (57.3)	1,050 (55.9)	
Orthopedics	802 (42.7)	829 (44.1)	
Autograft	922 (49.1)	948 (50.5)	0.396
Allograft	640 (34.1)	660 (35.1)	0.493
Operative time (min)			0.924
<150	1,440 (76.6)	1,449 (77.1)	
150-220	318 (16.9)	314 (16.7)	
>220	121 (6.4)	116 (6.2)	

Values are presented as mean±standard deviation or number (%). LOS, length of stay; ASA, American Society of Anesthesiologists; WHO, World Health Organization.

<sup>a)</sup>Statistical tests performed: Pearson's chi-square test of independence or Welch's two-sample *t*-test ( $\alpha=0.002$ ).