

**On-line Table 1: Information about the patients included in this study**

Patient No.	Age (yr)	Sex	Category of Compression	Patient No.	Age (yr)	Sex	Category of Compression
1	70	M	Disk herniation	29	55	M	OPLL, OLF
2	62	F	OPLL	30	60	F	Disk herniation
3	58	M	Disk herniation, OPLL	31	60	M	Disk herniation
4	70	M	Disk herniation	32	64	M	Disk herniation
5	62	F	Disk herniation	33	54	M	Disk herniation
6	55	M	Disk herniation, OPLL	34	61	F	Disk herniation, OPLL
7	62	F	OPLL	35	58	F	OPLL
8	50	F	OPLL	36	60	F	Disk herniation
9	55	F	Disk herniation	37	54	M	OPLL, spinal canal stenosis
10	44	M	Disk herniation	38	66	M	Disk herniation
11	49	M	Disk herniation	39	63	F	Disk herniation
12	47	F	Disk herniation	40	69	M	OPLL
13	58	M	Disk herniation	41	59	M	OPLL
14	62	F	Disk herniation	42	67	M	Disk herniation
15	60	M	Disk herniation	43	57	M	Disk herniation
16	66	M	Disk herniation	44	58	M	Disk herniation
17	70	M	Disk herniation	45	62	M	Disk herniation
18	71	F	Disk herniation	46	52	M	OPLL
19	66	M	OPLL	47	60	M	Disk herniation
20	48	M	Disk herniation	48	59	F	Disk herniation, OPLL
21	72	F	Disk herniation	49	58	F	Disk herniation
22	35	M	OPLL	50	51	F	Disk herniation
23	54	M	Disk herniation	51	57	M	Disk herniation
24	57	M	Disk herniation, cervical spondylosis	52	60	F	OPLL
25	53	F	OPLL	53	68	M	Disk herniation
26	59	M	Disk herniation	54	59	F	Disk herniation, OPLL
27	54	M	Disk herniation	55	72	F	OPLL
28	61	M	Disk herniation				

**Note:**—OPLL indicates ossification of the posterior longitudinal ligament; OLF, ossification of the ligamentum flavum.

**On-line Table 2: Correlation between the DTI metrics of the dorsal column at the C2 level with mJOA before surgery and with the mJOA recovery rate**

DTI Metrics	Correlation	
	Coefficient	P Value
Correlation with mJOA before surgery		
MD	−0.005	.971
AD	0.264	.07
RD	−0.136	.357
FA	0.233	.111
Correlation with mJOA recovery rate		
MD	0.043	.772
AD <sup>a</sup>	0.341	.018
RD	−0.101	.493
FA	0.220	.132

<sup>a</sup>Significant correlation.