

**Supplementary Table 1: The levels of lesions in two-level PELD group and foraminoplasty PELD group.**

Variables	Two-level PELD (N=14)			Foraminoplasty PELD (N=26)		
	L3/4	L4/5	L5/S1	L3/4	L4/5	L5/S1
High-caudal	5	4	0	4	10	6
High-cranial	0	3	2	0	4	2