

Table S1. Patients' clinical presentations, results of MRI and EMG, and epidural steroid injection level

Patient no.	Sex	Age (yr)	Side	MRI	EMG	Pain or sensory change			Motor weakness				Anatomical difficulty for ESI	Injection level
						Medial lower leg	Lateral thigh, lower leg, dorsum of foot	Posterior thigh, calf, heel	Knee extensor, hip adductor	Toe extensor, ankle dorsiflexor	Ankle plantar flexor, knee flexor			
1	M	36	Lt	L4-5, Lat	NL	x	0	x	x	x	x	-	L4-5	
2	F	85	Rt	L4-5, Lat	L5 radi	x	0	x	x	x	x	-	L4-5	
3	F	66	Lt	L4-5, Lat	NL	x	0	x	x	x	x	-	L4-5	
4	F	64	Rt	L5-S1, Lat	L5 radi	x	0	Δ	x	0	x	-	L5-S1	
5	F	69	Lt	L4-5, Lat	NL	Δ	0	x	x	x	x	-	L4-5	
6	F	53	Rt	L4-5, Cent	NL	x	0	x	x	x	x	High iliac crest	L4-5	
7	F	68	Lt	L4-5, Lat	L5 radi	x	0	x	x	0	x	-	L4-5	
8	F	66	Lt	L4-5, Lat	NL	x	0	x	x	x	x	-	L4-5	
9	F	81	Lt	L5-S1, Cent	NL	x	0	Δ	x	x	x	-	L5-S1	
10	M	69	Rt	L4-5, Lat	NL	Δ	0	x	x	x	x	-	L4-5	
11	M	69	Rt	L4-5, Cent	NL	x	0	x	x	x	x	Large L5 transverse process	L4-5	
12	F	63	Rt	L4-5, Lat	L4 radi	0	x	x	x	x	x	-	L4-5	
13	M	70	Rt	L4-5, Cent	L5 radi	x	0	x	x	0	x	High iliac crest	L4-5	
14	F	59	Lt	L4-5, Cent	NL	x	0	x	x	x	x	-	L5-S1	
15	M	65	Lt	L4-5, Cent	L5 radi	x	0	x	x	x	x	-	L5-S1	
16	F	52	Rt	L4-5, Cent	NL	x	0	x	x	x	x	-	L5-S1	
17	F	33	Lt	L4-5, Lat	NL	x	0	x	x	x	x	-	L4-5	
18	F	74	Rt	L4-5, Lat	NL	x	0	x	x	x	x	-	L4-5	
19	M	35	Lt	L4-5, Cent	NL	x	0	x	x	x	x	High iliac crest	L4-5	
20	M	74	Rt	L4-5, Lat	L5 radi	x	0	x	x	x	x	-	L4-5	
21	M	77	Lt	L4-5, Lat	NL	Δ	0	x	x	x	x	-	L4-5	
22	F	68	Lt	L4-5, Lat	L5 radi	x	0	x	x	x	x	-	L4-5	
23	F	73	Lt	L5-S1, Cent	L5, S1 radi	x	0	x	x	x	x	-	L5-S1	
24	F	60	Rt	L5-S1, Cent	NL	x	Δ	Δ	x	x	x	-	L5-S1	
25	M	63	Lt	L5-S1, Lat	NL	x	0	x	x	x	x	-	L5-S1	
26	F	50	Lt	L4-5, Cent	NL	x	0	x	x	x	x	-	L5-S1	
27	M	79	Rt	L4-5, Cent	NL	x	0	x	x	x	x	-	L5-S1	
28	F	30	Lt	L4-5, Lat	L5 radi	x	0	x	x	x	x	-	L4-5	
29	M	79	Rt	L4-5, Lat	NL	x	0	x	x	x	x	-	L4-5	
30	M	52	Lt	L4-5, Cent	NL	x	0	x	x	x	x	-	L5-S1	
31	F	80	Lt	L4-5, Cent	L5 radi	x	0	Δ	x	x	x	Pseudo-arthritis L5-iliac crest	L4-5	

MRI, magnetic resonance imaging; EMG, electromyography; Rt, right; Lt, left; Cent, central; Lat, lateral; radi, radiculopathy; NL, normal; ESI, epidural steroid injection; 0, present; x, not present; Δ, equivocal or not always.