

**Table S1** Postoperative numerical rating scale (NRS) scores between the TEA group and the RLB group before propensity score matching

Time	TEA (N=114)	RLB (N=78)	P value (TEA vs. RLB)
NRS at rest			
6 h	1.0 (0.0–3.0)	2.5 (0.0–4.0)	0.24
12 h	1.0 (0.0–3.0)	2.0 (0.0–3.0)	0.40
POD 1m	2.0 (0.0–3.0)	2.0 (0.0–3.0)	0.80
POD 1e	2.0 (0.0–3.0)	2.0 (0.0–3.0)	0.30
POD 2m	1.0 (0.0–3.0)	1.0 (0.0–3.0)	0.61
NRS when moving			
6 h	3.0 (1.0–5.0)	3.0 (1.0–5.0)	0.52
12 h	3.0 (1.0–5.0)	3.0 (2.0–5.0)	0.98
POD 1m	3.0 (2.0–5.0)	3.0 (1.0–5.3)	0.87
POD 1e	3.5 (2.0–5.0)	4.0 (1.0–5.0)	0.61
POD 2m	3.0 (2.0–4.3)	3.0 (1.0–4.0)	0.96

Data are presented as median (IQR). NRS scores were analyzed using the Mann-Whitney U test. NRS, numerical rating scale; TEA, thoracic epidural analgesia; RLB, retrolaminar block; 6 h, 6 hours after surgery; 12 h, 12 hours after surgery; POD 1m, the morning of postoperative day 1; POD 1e, the evening of postoperative day 1; POD 2m, the morning of postoperative day 2.