

Supplementary Table 1. Comparison of Quality of Recovery-15 (QoR-15K) score at preoperative phase between the propofol-based TIVA and DES groups.

QoR-15K items	DES group (n = 70)	TIVA group (n = 70)	Median difference^a (95% CI)	P value
Total	144 (136, 149)	144 (135, 148)	0 (-2, 2)	0.967
1. Able to breathe easy	10 (10, 10)	10 (10, 10)	0 (0, 0)	0.665
2. Been able to enjoy food	10 (10, 10)	10 (10, 10)	0 (0, 0)	0.176
3. Feeling rested	10 (10, 10)	10 (10, 10)	0 (0, 0)	0.762
4. Have had a good sleep	10 (8, 10)	10 (8, 10)	0 (0, 0)	0.627
5. Able to look after personal toilet and hygiene unaided	10 (10, 10)	10 (10, 10)	0 (0, 0)	0.083
6. Able to communicate with family or friends	10 (10, 10)	10 (10, 10)	0 (0, 0)	0.316
7. Getting support from hospital doctors and nurse	10 (10, 10)	10 (10, 10)	0 (0, 0)	0.052
8. Able to return to work or usual home activities	10 (10, 10)	10 (10, 10)	0 (0, 0)	0.654
9. Feeling comfortable and in control	10 (10, 10)	10 (9, 10)	0 (0, 0)	0.147
10. Having a feeling of general well-being	10 (9, 10)	10 (8, 10)	0 (0, 0)	0.126
11. Moderate pain	10 (9, 10)	10 (10, 10)	0 (0, 0)	0.119
12. Severe pain	10 (10, 10)	10 (10, 10)	0 (0, 0)	0.118
13. Nausea or vomiting	10 (10, 10)	10 (10, 10)	0 (0, 0)	0.234
14. Feeling worried or anxious	9 (7, 10)	9 (7, 10)	0 (-1, 0)	0.428
15. Feeling sad or depressed	10 (8, 10)	10 (8, 10)	0 (0, 0)	0.128

Data are presented as the median (Q1, Q3) or median difference (95% CI).

DES: desflurane anesthesia, EQ-5D-5L; TIVA: total intravenous anesthesia.

^aMedian differences are expressed as the TIVA group versus the DES group.