Supplemental Table S3. Postoperative numeric rating scale score of pain and Ramsay sedation scale score.

	Sufentanil	Oxycodone	Oxycodone	Oxycodone	Oxycodone	P-value
	$0.15 \mu \text{g} \cdot \text{kg}^{-1} \text{(n=30)}$	0.05 mg·kg <sup>-1</sup> (n=30)	$0.1 \text{ mg} \cdot \text{kg}^{-1} (\text{n}=30)$	$0.15 \text{ mg} \cdot \text{kg}^{-1} (\text{n}=30)$	0.2 mg·kg <sup>-1</sup> (n=30)	
Numeric rating scale of						
pain, median (IQR), point <sup>a</sup>						
1 h after surgery	3 (2, 3)	3 (2, 3)	1 (0, 2)*†	1 (0, 2)*†	1 (0, 2)*†	<0.001
6 h after surgery	2 (1, 2)	1 (0, 3)	1 (0, 2)	2 (0, 2)	1 (0, 2)	0.239
12 h after surgery	1 (0, 2)	1 (0, 2)	1 (0, 1)	0 (0, 2)	1 (0, 1)	0.320
1 d after surgery	0 (0, 0)	0 (0, 0)	0 (0, 0)	0 (0, 0)	0 (0, 0)	0.674
Ramsay sedation scale,						
median (IQR), point <sup>b</sup>						
1 h after surgery	3 (3, 3)	2 (2, 2)*	2 (2, 3)*	3 (3, 3) <sup>\dightarrow</sup> †	$3(3,3)^{\phi}$ †	<0.001
6 h after surgery	2 (2, 2)	2 (2, 2)	2 (2, 2)	2 (2, 2)	2 (2, 2)	0.256
12 h after surgery	2 (2, 2)	2 (2, 2)	2 (2, 2)	2 (2, 2)	2 (2, 2)	>0.999
1 d after surgery	2 (2, 2)	2 (2, 2)	2 (2, 2)	2 (2, 2)	2 (2, 2)	>0.999

Data are median (interquartile range). P values in bold indicate <0.05.

<sup>&</sup>lt;sup>a</sup> Score ranges from 0 to 10, where 0=no pain and 10=the worst pain.

<sup>&</sup>lt;sup>b</sup> Ramsay sedation score ranges from 1 (restlessness) to 6 (deeply asleep and does not respond) and 2 indicates completely awake, quiet and cooperative.

<sup>\*</sup>P <0.005, compared with sufentanil 0.15 $\mu$ g·kg<sup>-1</sup> after Bonferroni correction.

 $<sup>\</sup>dagger P$  < 0.005, compared with oxycodone 0.05 mg·kg<sup>-1</sup> after Bonferroni correction.

 $<sup>^{\</sup>phi}P$  <0.005, compared with oxycodone 0.1 mg·kg<sup>-1</sup> after Bonferroni correction.