

Supplementary Table 2. Postoperative pain assessment measured by numeral rating scale (NRS) score.

	Pre-emptive (n = 33)	Preventive (n = 33)	Placebo (n=33)	P value
PACU				
Resting NRS	5.14 ± 2.64	5.00 ± 2.22	4.76 ± 1.94	0.793
Cough NRS	6.30 ± 2.17	6.20 ± 2.36	5.95 ± 1.79	0.789
Worst NRS	7.09 ± 1.86	7.11 ± 1.99	6.97 ± 1.90	0.950
4hr				
Resting NRS	3.50 ± 2.18	3.67 ± 1.91	3.47 ± 1.54	0.904
Cough NRS	5.31 ± 2.10	5.22 ± 2.13	5.13 ± 1.67	0.939
Worst NRS	6.73 ± 1.89	6.81 ± 1.84	6.40 ± 2.03	0.686
8hr				
Resting NRS	3.91 ± 2.11	4.15 ± 2.50	3.64 ± 1.85	0.715
Cough NRS	5.50 ± 2.17	5.89 ± 2.46	5.00 ± 1.76	0.355
Worst NRS	6.66 ± 1.98	6.74 ± 2.14	6.28 ± 1.65	0.677
24hr				
Resting NRS	4.24 ± 1.90	3.72 ± 1.92	3.69 ± 1.64	0.390

Cough NRS	5.76 ± 1.92	5.42 ± 2.05	5.52 ± 1.46	0.747
Worst NRS	7.15 ± 1.81	6.81 ± 1.67	7.23 ± 1.76	0.593
48hr				
Resting NRS	3.67 ± 1.74	3.64 ± 1.48	3.28 ± 1.86	0.599
Cough NRS	5.39 ± 1.76	5.32 ± 1.59	4.61 ± 1.51	0.105
Worst NRS	6.47 ± 1.96	6.71 ± 1.58	6.25 ± 1.79	0.581

Results are expressed as mean ± SD. PACU, post-anesthetic care unit; NRS, numeral rating scale.