

Fig. E-1

VAS<sub>min</sub> pain scores expressed as the mean and standard error. \*P < 0.05 for the difference between Group I and Group II.

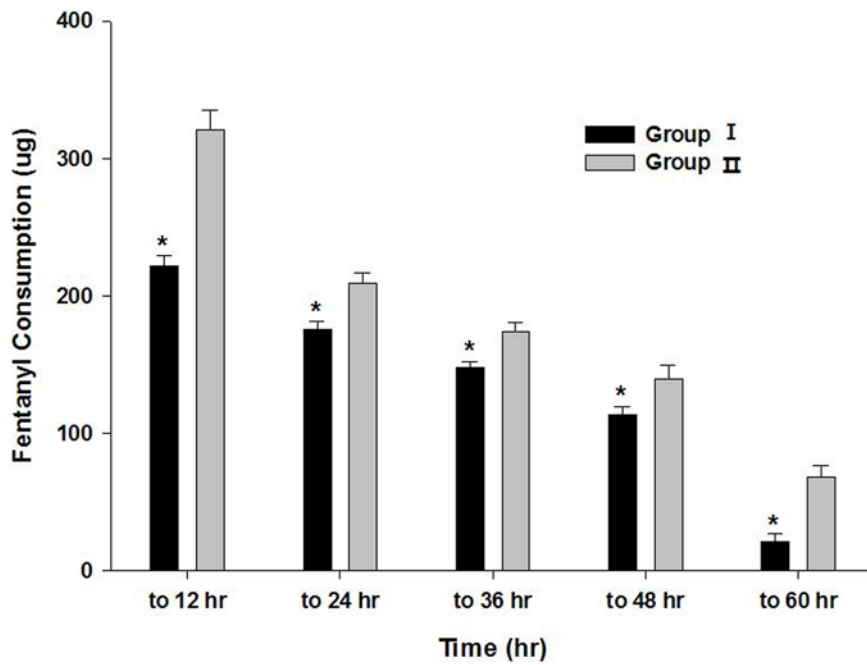


Fig. E-2

Fentanyl consumption values expressed as the mean and standard error. \*P < 0.05 for the difference between Group I and Group II.

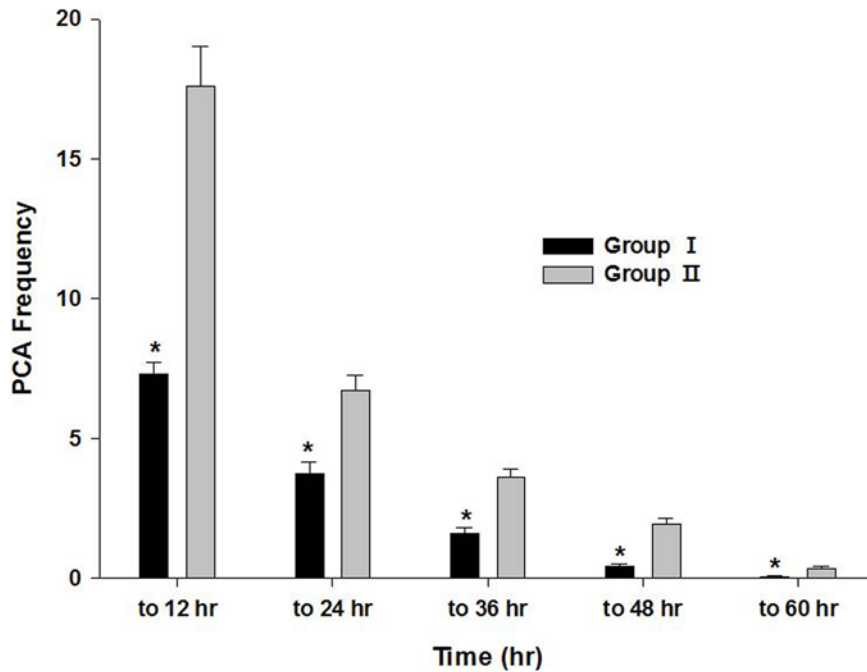


Fig. E-3

Frequency of use of patient-controlled analgesia (PCA) expressed as the mean and standard error. \*P < 0.05 for the difference between Group I and Group II.

TABLE E-1 Demographic Data

	Group II (N = 39)	Group I (N = 43)	P Value*
ASA class: 1/2/3 (no.)	19/14/6	23/15/5	0.856
Age† (yr)	79 ± 6.0	79 ± 8.8	0.893
Sex: M/F (no.)	10/29	14/29	0.492
Height† (cm)	156.7 ± 6.8	158.7 ± 8.7	0.243
Weight† (kg)	53.9 ± 8.9	54.2 ± 7.7	0.867
BMI† (kg/m <sup>2</sup> )	21.9 ± 3.4	21.5 ± 2.6	0.520
Preinjury walking activity: ambulatory/housebound (no.)	10/29	14/29	0.492
Site: L/R (no.)	19/20	17/26	0.403
Type of anesthesia: spinal/general	18/21	19/24	0.858
Preoperative management: skin traction/splint	22/17	25/18	
Operative time‡ (min)	70.0 (60.0-75.0)	75.0 (55.0-85.0)	0.424‡

\*No significant differences between groups. †The values are expressed as the mean and standard deviation. ‡The Kruskal-Wallis test was used and the values are expressed as the median (interquartile range) because of abnormal distribution.

TABLE E-2 Adverse Events and Patient Satisfaction in the Two Groups

	Group II (N = 39)	Group I (N = 43)	P value
Nausea ( <i>no. [%]</i> )	8 (21)	7 (16)	0.620
Vomiting ( <i>no. [%]</i> )	4 (10)	3 (7)	0.703*
Delirium ( <i>no. [%]</i> )	8 (21)	8 (19)	0.828
Death ( <i>no. [%]</i> )	1 (3)	1 (2)	1.000*
ICU admission ( <i>no. [%]</i> )	2 (5)	3 (7)	1.000*
Postoperative walking activity ( <i>koval category</i> ) <sup>†</sup>	2.8 (2.0-5.0)	2.8 (2.0-5.0)	0.864
Hospital stay <sup>†</sup> ( <i>days</i> )	17.5 (13.0-20.0)	17.4 (14.0-19.0)	0.759
Satisfaction score <sup>†</sup> ( <i>points</i> )	7.0 (6.0-8.0)	8.1 (7.0-10.0)	0.016

\*Fisher exact test. <sup>†</sup>The values are expressed as the mean with the range in parentheses.