

**Table 1 Patients' Background**

	Group C	Group O	<i>p</i>
Number of cases	51 (44.0%)	65 (56.0%)	
Patients' age: mean, years	51.0 ± 1.7	52.4±1.6	0.678 <sup>a)</sup>
Body weight: mean, kg	59.4 ± 2.0	59.2±1.5	0.911 <sup>a)</sup>
Surgical Method			0.874 <sup>b)</sup>
Vaginal surgery	13	14	
Laparoscopically assisted surgery	2	2	
Open surgery	36	49	
Apfel Score Applicable of 2 factors	3	5	1.000 <sup>b)</sup>
Apfel Score Applicable of 3 factors	30	39	1.000 <sup>b)</sup>
Apfel Score Applicable of 4 factors	18	21	0.843 <sup>b)</sup>
Amount of Fentanyl/weight (µg/kg)	7.92 ± 2.10	7.56 ± 2.88	0.372 <sup>a)</sup>
Amount of Anapain/weight (mg/kg)	4.60 ± 1.07	4.05 ± 0.81	0.002 <sup>a)</sup>
Operation Length	94.0±6.7	91.5±4.5	0.876 <sup>a)</sup>

Data were expressed as mean ± standard error and number of patients as appropriate

<sup>a)</sup>Used Wilcoxon rank sum test for statistical analysis.

<sup>b)</sup>Used the Fisher exact test.

**Table 2 incident rate of PONV**

	Group C	Group O	<i>p</i>
The day of surgery			
Overall	37.3%	12.3%	0.002
Apfel Score factor #	0%	0%	-
Apfel Score factor #3	26.7%	15.4%	0.366
Apfel Score factor #4	61.1%	9.5%	0.002
One day after surgery			
Overall	23.5%	21.5%	0.826
Apfel Score factor #2	0%	0%	-
Apfel Score factor #3	23.3%	23.1%	1.000
Apfel Score factor #4	27.8%	23.8%	1.000

Used the Fisher exact test.

**Table 3 Comparison of Caloric Intake, Next Day after Surgery**

	Group C	Group O	<i>p</i>
Overall	n = 51	n = 65	
mean intake (kcal)	601 ± 61	790 ± 52	0.013 <sup>a)</sup>
median (kcal)	514	795	
Apfel Score Applicable for 2 factors	n = 3	n = 5	
mean intake (kcal)	1077 ± 177	1323 ± 51	0.375 <sup>a)</sup>
median (kcal)	981	1347	
Apfel Score Applicable for 3 factors	n = 30	n = 39	
mean intake (kcal)	593 ± 76	807 ± 62	0.031 <sup>a)</sup>
median (kcal)	493	836	
Apfel Score Applicable for 4 factors	n = 18	n = 21	
mean intake (kcal)	535 ± 109	648 ± 90	0.307 <sup>a)</sup>
median (kcal)	433	576	

Data were expressed as mean intake ± standard error and number of patients as appropriate

<sup>a)</sup>Used Wilcoxon rank sum test for statistical analysis.

**Table 4 Result of Covariance Analysis (Difference of Caloric Intake with or without Ondansetron injection)**

Factors	F Value	P Value	Standard Error of Average $\pm$ Caloric Intake (kcal)	Mean Difference (kcal)	95% Confidence Interval
Group C	-	-	1188.3 $\pm$ 63.1	-175.8	[-347.3,-4.3]
Group O	4.131	0.045	1364.1 $\pm$ 55.9	-	-

**Table 5 Effects of Covariates on Covariance Analysis**

Elements	F Value		P Value	Regression Coefficient B	95% Confidence Interval
Apfel score	7.386		0.008	-196.8	[-340.4, -53.3]
Amount of Anapain	0.248		0.619	-28.4	[-141.4, 84.6]
Amount of Fentanyl	0.652		0.421	16810.9	[-24469.4, 58091.2]
Surgery Hour	1.170		0.282	-1.06	[-3.02, 0.89]