



CONSORT flow diagram

Baseline demographic data and operative times

		Block group		Control group		P value
		Count	%	Count	%	
Gender	M	22	73.3%	22	73.3%	1
	F	8	26.7%	8	26.7%	
Diabetes mellitus	yes	12	40.0%	16	53.3%	0.301
	no	18	60.0%	14	46.7%	
Hypertension	yes	23	76.7%	18	60.0%	0.165
	no	7	23.3%	12	40.0%	
Smoking	yes	19	63.3%	15	50.0%	0.297
	no	11	36.7%	15	50.0%	
		Mean	Standard Deviation	Mean	Standard Deviation	P value
Age		58.73	7.97	58.27	9.15	0.834
Cx time		107.67	33.50	100.60	19.89	0.325
Bypass time		141.00	34.18	136.50	23.65	0.555
Total operation time		299.33	70.46	291.33	51.78	0.618

Outcome measures

	Block group		Control group		P value
	Mean	Standard Deviation	Mean	Standard Deviation	
Extubation time	238.00	57.32	297.00	115.08	0.027*
Fentanyl PCA dose	138.33	80.60	276.67	117.25	<0.001*
ICU length of stay	3.13	0.82	3.77	1.38	0.035*
Hospital length of stay	8.10	1.79	9.23	1.63	0.013*
VAS 0	3.77	1.28	5.13	1.57	0.002*
VAS 2	3.60	1.10	4.63	1.52	0.006*
VAS 4	3.67	1.30	4.03	1.00	0.223
VAS 6	3.47	1.63	3.17	0.75	0.125
VAS 12	2.53	1.78	2.97	1.03	0.591

*significant at $p < 0.05$