

Supplementary tables

Appendix 1: Ramsay Sedation Score

Ramsay Sedation Score	Group A	Group B	t-value	P-value*
0hr	1.32±0.34	1.48±0.28	-1.268	0.208
15mins	1.44±0.51	1.52±0.63	-2.698	0.008
30mins	2.50±0.64	2.35±0.68	1.436	0.513
1hr	2.62±1.41	2.53±1.56	1.513	0.114
2hrs	2.84±1.36	2.66±1.48	2.108	0.038
4hrs	2.70±0.8	2.72±1.42	-1.181	0.742
6hrs	2.65±0.7	2.43±0.98	1.961	0.018
8hrs	2.56±0.86	2.15±1.22	2.268	0.009
10hrs	2.33±1.04	2.50±1.3	-1.031	0.241
12hrs	2.56±0.54	2.60±1.38	-1.698	0.678
16hrs	2.78±1.36	2.81±1.59	-1.511	0.753
20hrs	2.33±1.15	2.37±1.7	-1.108	0.334
24hrs	3.03±1.05	2.18±1.6	2.981	<0.001

* Two sample t-test

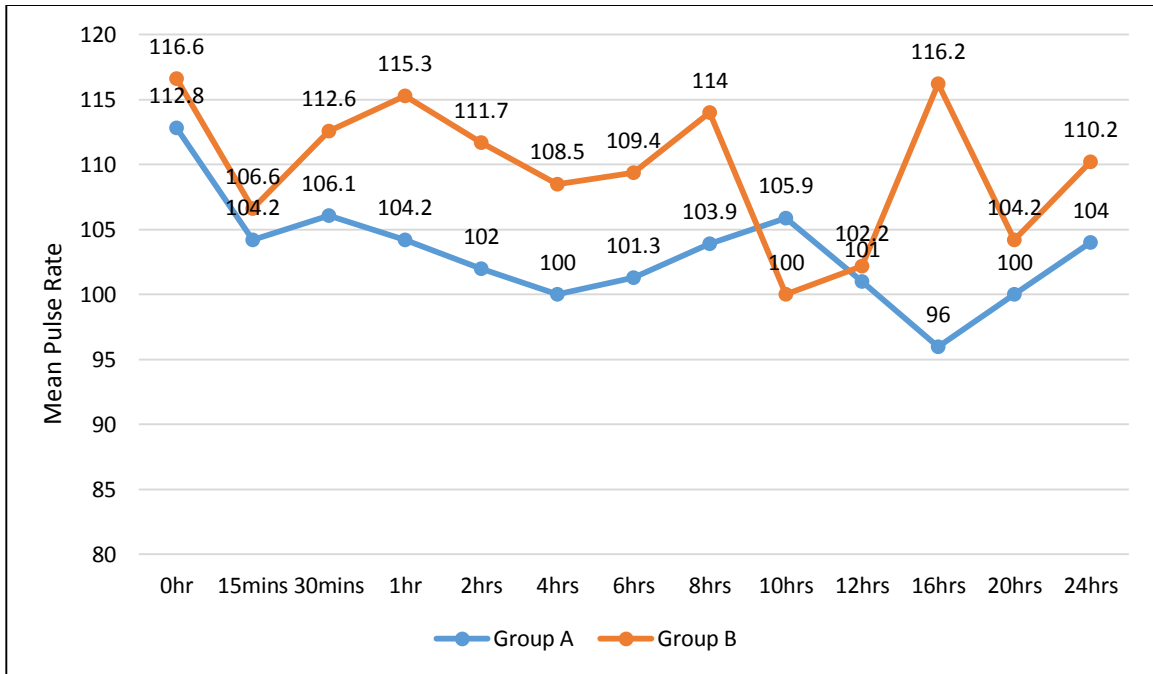
Appendix 2: Pulse rate

PR	Group		t-value	P-value*
	Group A	Group B		
0hr	112.8±13.2	116.6±11.2	1.625	0.061
15mins	104.2±15.4	106.6±10.0	1.471	0.052
30mins	106.1±12.6	112.6±11.1	2.736	0.007
1hr	104.2±15.9	115.3±15.8	3.498	0.001
2hrs	102.0±12.6	111.7±11.8	3.945	<0.001
4hrs	100.0±12.3	108.5±8.8	3.957	<0.001
6hrs	101.3±11.7	109.4±8.3	3.569	<0.001
8hrs	103.9±11.2	114.0±8.1	7.128	<0.001
10hrs	105.9±10.1	100.0±9.5	6.230	<0.001

12hrs	101.0±11.3	102.2±10.4	2.660	0.009
16hrs	96.0±12.1	116.2±11.1	7.128	<0.001
20hrs	100.0±9.2	104.2±8.4	1.625	0.061
24hrs	104.0±10.4	110.2±12.1	2.450	0.009

* Two sample t-test

Appendix 3: Pulse rate



Appendix 4: SPO2

SPO2	Group		t-value	P-value*
	Group A	Group B		
0hr	97.4±0.9	97.7±0.6	-2.137	0.035
15mins	95.8±4.1	96.8±4.6	0.092	0.927
30mins	94.0±4.0	95.3±5.3	0.659	0.512
1hr	96.8±2.4	95.9±3.3	1.525	0.130
2hrs	95.2±3.2	94.2±2.9	-0.131	0.896
4hrs	95.2±2.4	95.5±2.9	1.319	0.190
6hrs	96.2±2.2	96.5±2.6	1.186	0.290

8hrs	97.6±2.0	95.1±2.7	-1.182	0.240
10hrs	96.9±2.6	95.9±2.3	1.251	0.142
12hrs	96.2±2.4	94.5±2.9	1.186	0.193
16hrs	95.8±2.4	94.9±3.3	1.625	0.145
20hrs	96.6±2.0	95.1±2.7	-1.182	0.265
24hrs	97.7±1.9	97.8±2.5	-0.183	0.678

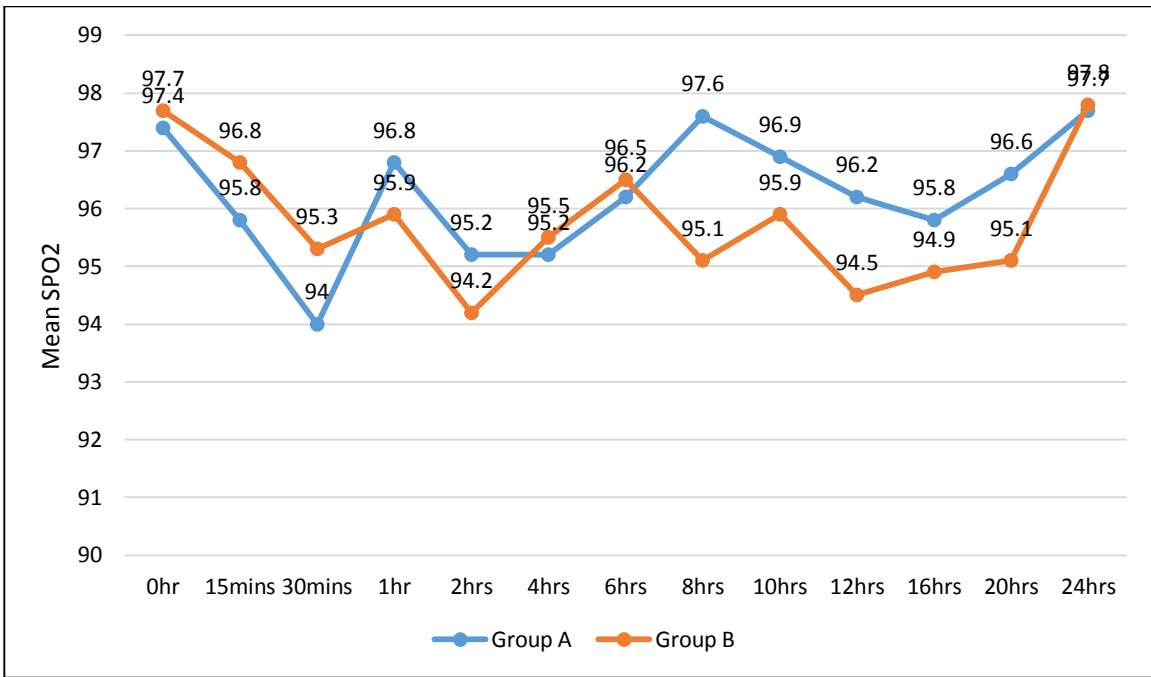
* Two sample t-test

Appendix 5: Respiratory Rate

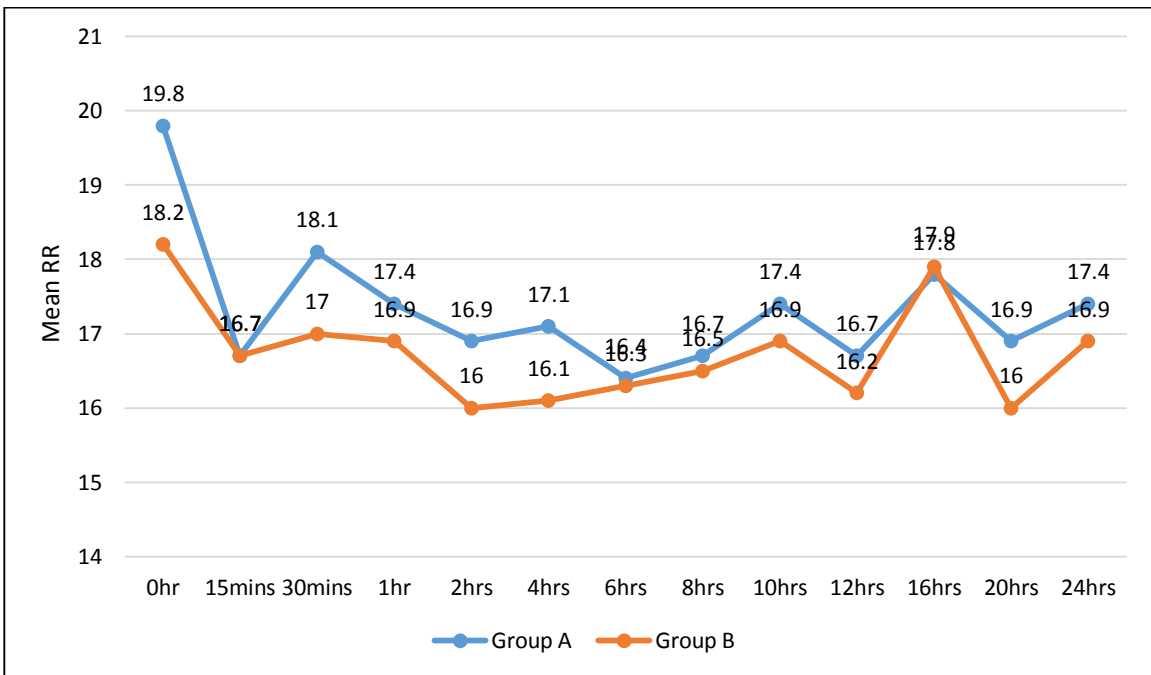
RR	Group		t-value	P-value*
	Group A	Group B		
0hr	19.8±3.5	18.2±1.7	2.959	0.004
15mins	16.7±2.5	16.7±1.9	0.089	0.929
30mins	18.1±3.8	17.0±2.1	1.998	0.048
1hr	17.4±3.2	16.9±1.2	1.078	0.284
2hrs	16.9±2.7	16.0±1.6	2.085	0.040
4hrs	17.1±2.4	16.1±2.1	2.636	0.010
6hrs	16.4±2.5	16.3±1.9	3.361	0.123
8hrs	16.7±3.0	16.5±1.3	0.427	0.670
10hrs	17.4±3.2	16.9±1.2	1.078	0.284
12hrs	16.7±2.4	16.2±1.6	2.846	0.035
16hrs	17.8±3.6	17.9±2.2	1.078	0.284
20hrs	16.9±2.4	16.0±1.5	2.085	0.040
24hrs	17.4±3.2	16.9±1.2	2.078	0.034

* Two sample t-test

Appendix 6: SPO2



Appendix 7: Respiratory Rate



Appendix 8: Side Effects

Side Effects	Group		Total	Chi-Square, P-value*
	Group A	Group B		
Nausea	14 (28%)	11 (22%)	25 (25%)	0.006, 0.935
Vomiting	6 (12%)	5 (10%)	11 (11%)	
Pruritus	4 (8%)	6 (12%)	10 (10%)	

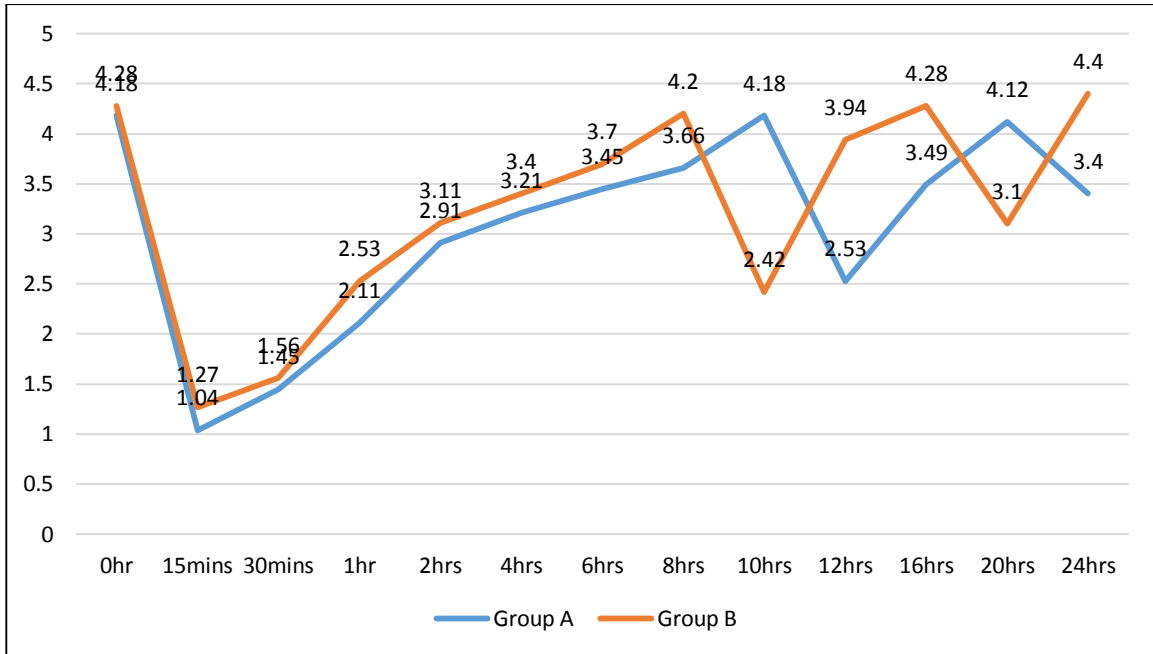
* Chi-Square test

Appendix 9: Visual Analogous Score

VAS	Group A	Group B	t-value	P-value*
0hr	4.18±0.51	4.28±0.43	-0.089	0.929
15mins	1.04±0.04	1.27±0.06	-1.068	0.086
30mins	1.45±0.15	1.56±0.27	-1.998	0.048
1hr	2.11±0.08	2.53±0.28	-2.085	0.040
2hrs	2.91±0.53	3.11±0.83	-2.636	0.010
4hrs	3.21±0.43	3.40±0.56	-2.768	0.006
6hrs	3.45±0.78	3.70±0.96	-2.959	0.004
8hrs	3.66±1.06	4.20±1.52	-3.421	<0.001
10hrs	4.18±1.56	2.42±0.28	4.435	<0.001
12hrs	2.53±0.18	3.94±0.81	-2.534	0.012
16hrs	3.49±0.74	4.28±0.96	-2.963	0.003
20hrs	4.12±0.83	3.10±1.18	3.765	<0.001
24hrs	3.40±1.06	4.40±1.67	3.892	<0.001

* Two sample t-test

Appendix 10: Visual Analogous Score



Appendix 11: Ramsay Sedation Score

