

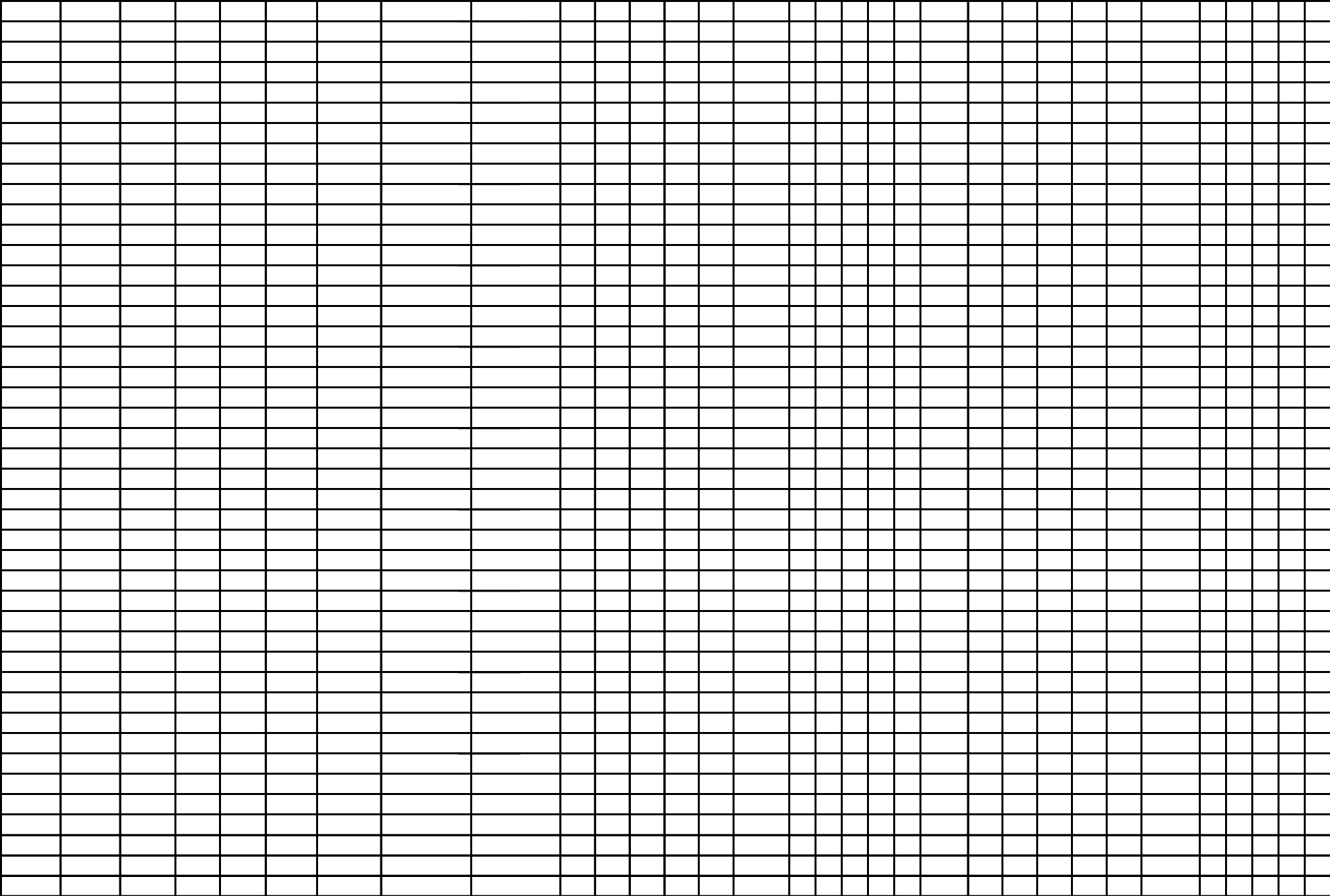
SN O	NAME	AGE	SEX	WEI GHT	IP NO	TYPE of SURGERY	PRE OP			INTRAOP														
							PR	MAP	SpO2	PR					MAP					SpO2				
										5MI N	10MI N	20MI N	30MI N	Avg	5MI N	10MI N	20MI N	30MI N	Avg	5MI N	10MI N	20MI N	30MIN	Avg
1	arundoss	36	M	10	30027	PVSL	100	81	99	86	88	90	94	89.5	70	70	73	73	71.5	100	100	99	98	99.25
2	mahesh	72	M	20	30692	PVSL	88	83	100	78	80	80	80	79.5	75	75	74	74	74.5	100	100	99	99	99.50
3	mohammed kasim	36	M	14	30509	urethroplasty	96	75	100	86	88	90	92	89.0	69	69	71	71	70.0	99	100	99	100	99.50
3	dhanush	12	M	9	31230	herniotomy	104	73	100	90	92	94	94	92.5	67	67	69	69	68.0	99	100	99	100	99.50
5	azeem	48	M	15	31918	herniotomy	90	76	100	80	82	82	84	82.0	70	70	69	69	69.5	99	100	100	99	99.50
6	mahesh	72	M	15	34190	herniotomy	92	83	99	76	78	80	84	79.5	72	72	73	73	72.5	99	100	100	99	99.50
7	VIGNSEH	72	M	18	32404	herniotomy	88	73	99	74	75	77	80	76.5	67	67	69	69	68.0	100	99	100	100	99.75
8	jegannathan	48	M	10	32260	urethroplasty	96	78	100	84	86	86	88	86.0	69	69	69	69	69.0	100	99	100	100	99.75
9	vasanthan	48	M	12	34005	orchidopexy	104	72	100	84	84	85	86	84.8	69	69	73	73	71.0	100	100	99	100	99.75
10	sathish	60	M	16	34243	herniotomy	100	81	100	90	94	94	96	93.5	73	73	77	77	75.0	100	100	99	100	99.75
11	veni	36	F	10	20104	herniotomy	98	73	99	88	90	90	92	90.0	69	69	68	68	68.5	99	100	99	100	99.50
12	rakesh	30	M	9	20667	PVSL	104	73	99	88	90	94	94	91.5	70	70	73	73	71.5	99	100	99	100	99.50
13	sujith	12	M	8	31883	circumscision	110	71	99	90	92	92	94	92.0	67	67	67	67	67.0	99	100	98	100	99.25
14	kaliappan	72	M	18	30694	orchidopexy	90	80	99	76	78	78	80	78.0	69	69	71	71	70.0	100	100	99	100	99.75
15	meenatchi	12	F	8	29533	circumscision	110	72	99	98	98	99	99	98.5	65	65	67	67	66.0	100	100	100	100	100.00
16	immanuvel	12	M	16	35796	orchidopexy	100	72	98	90	92	94	94	92.5	69	69	70	70	69.5	100	100	100	99	99.75
17	vaishnavi	24	F	10	28410	herniotomy	104	73	99	96	98	98	100	98.0	69	69	70	70	69.5	100	100	100	99	99.75
18	vijaya	12	F	6.5	36376	herniotomy	110	69	99	94	94	96	98	95.5	67	67	68	68	67.5	99	99	100	99	99.25
19	vinoth	12	M	8	36398	circumscision	108	75	100	92	94	94	96	94.0	69	69	70	70	69.5	99	100	99	99	99.25
20	dhanush	72	M	18	36734	circumscision	90	83	100	76	78	78	84	79.0	72	72	73	73	72.5	99	100	98	99	99.00
21	vikatan	24	M	10	37456	PVSL	102	73	100	90	92	92	96	92.5	70	70	71	71	70.5	100	100	99	100	99.75
22	vedavalli	72	F	18	38467	herniotomy	90	83	100	84	86	86	88	86.0	74	74	75	75	74.5	100	99	99	100	99.50
23	sukumaran	12	M	10	38090	orchidopexy	108	72	100	90	94	96	98	94.5	69	69	70	70	69.5	100	100	99	100	99.75
24	vishal	36	M	11	39616	herniotomy	100	74	100	88	90	92	92	90.5	70	70	70	70	70.0	99	100	99	100	99.50
25	bharath	24	M	11	38569	PVSL	104	73	99	90	92	94	96	93.0	69	69	69	69	69.0	99	100	99	99	99.25
26	esakkimuthu	72	M	17	39001	circumscision	88	83	99	75	77	78	80	77.5	73	73	74	74	73.5	100	100	100	99	99.75
27	albert	60	M	16	40384	PVSL	96	75	100	86	88	90	92	89.0	69	69	71	71	70.0	100	99	100	99	99.50
28	david	18	M	7	38998	herniotomy	104	73	100	88	90	94	94	91.5	70	70	73	73	71.5	100	99	100	99	99.50
29	mansiya	24	M	9	40527	herniotomy	108	72	100	90	94	96	98	94.5	69	69	70	70	69.5	100	99	100	100	99.75
30	maharajan	36	M	10	40705	circumscision	100	74	99	88	90	92	92	90.5	70	70	70	70	70.0	100	99	100	100	99.75

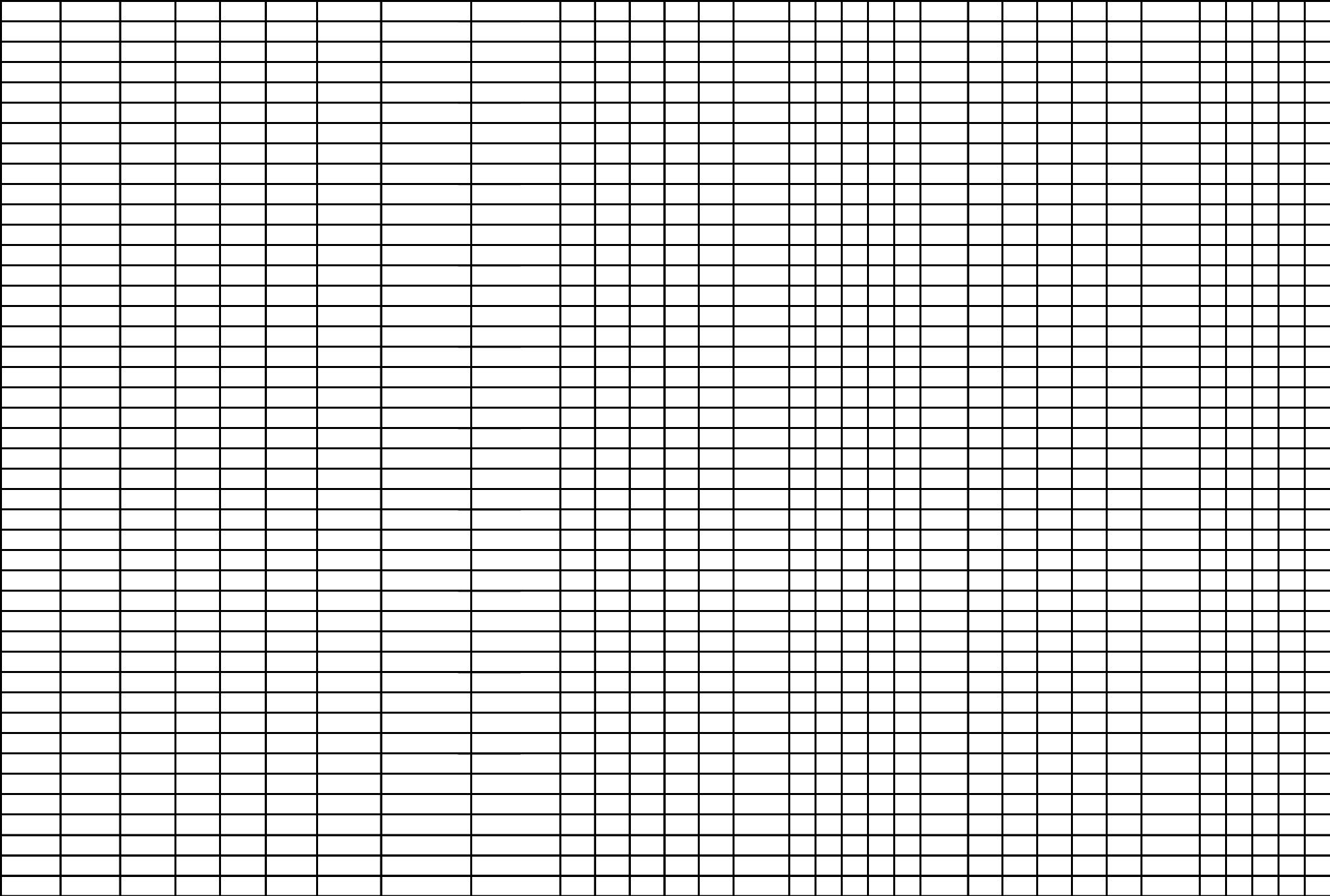
EOS	PR	MAP	SpO2	DOS(in mins)	emergence time (in mins)	emergence behaviour Score	PR					MAP							SpO2								
							2	4	6	8	12	Avg	2	4	6	8	12	Avg	2	4	6	8	12				
86	70	97	40	5	5	86	88	90	94	94	90.40	90/60	70	96/62	73	98/62	74	100/60	73	100/60	73	72.60	99	99	97	99	100
78	75	98	40	4	5	78	80	80	80	80	79.60	100/62	75	102/60	74	102/62	75	104/62	76	104/68	80	76.00	99	99	98	99	100
86	69	98	95	5	3	86	88	90	92	92	89.60	90/58	69	94/60	71	96/60	72	96/62	73	100/60	73	71.60	99	98	98	99	100
90	67	99	40	6	4	90	92	94	94	94	92.80	90/56	67	92/58	69	92/60	71	92/62	73	92/60	71	70.20	99	98	99	99	99
80	70	100	60	5	5	80	82	82	84	84	82.40	90/60	70	92/60	69	92/60	71	92/62	73	92/64	73	71.20	99	97	100	99	99
76	72	100	40	4	6	76	78	80	84	84	80.40	96/60	72	96/62	73	98/62	74	100/62	75	100/62	75	73.80	100	100	100	100	98
74	67	99	35	3	3	74	75	77	80	80	77.20	90/56	67	90/58	69	92/60	71	94/60	71	94/60	71	69.80	99	99	99	99	99
84	69	98	60	4	3	84	86	86	88	90	86.80	90/58	69	92/60	69	92/60	71	94/60	71	94/60	71	70.20	99	99	98	99	99
84	69	99	45	3	5	84	84	85	86	88	85.40	92/60	69	92/62	73	94/60	71	98/60	73	100/60	73	71.80	99	100	99	99	99
90	73	99	40	4	3	90	94	94	96	98	94.40	100/60	73	104/64	77	104/62	76	102/70	81	104/70	81	77.60	99	98	99	99	99
88	69	99	80	5	3	88	90	90	92	93	90.60	88/56	69	88/58	68	90/58	69	90/58	69	90/60	70	69.00	100	99	99	100	99
88	70	99	45	4	3	88	90	94	94	96	92.40	90/60	70	94/62	73	98/60	73	98/60	73	98/60	73	72.40	100	99	99	100	100
90	67	97	30	5	4	90	92	92	94	96	92.80	86/58	67	88/56	67	88/60	69	90/60	70	90/60	70	68.60	100	99	97	100	100
76	69	98	40	3	3	76	78	78	80	84	79.20	92/60	69	94/60	71	98/62	74	100/60	73	102/60	74	72.20	100	99	98	100	100
98	65	99	30	5	3	98	98	99	99	100	98.80	88/54	65	88/56	67	90/58	69	90/58	69	92/60	71	68.20	100	99	99	100	99
90	69	99	35	3	3	90	92	94	94	96	93.20	90/58	69	90/60	70	92/60	71	94/60	71	94/60	71	70.40	99	100	99	99	99
96	69	100	40	4	4	96	98	98	100	102	98.80	92/58	69	90/60	70	92/60	71	94/60	71	96/60	72	70.60	99	100	100	99	98
94	67	100	35	5	3	94	94	96	98	105	97.40	86/58	67	88/58	68	88/60	69	90/58	69	90/58	69	68.40	99	100	100	99	98
92	69	100	35	5	3	92	94	94	96	98	94.80	90/58	69	90/60	70	92/60	71	94/60	71	94/60	71	70.40	99	100	100	99	100
76	72	100	40	4	5	76	78	78	84	84	80.00	96/60	72	98/60	73	100/60	73	100/62	75	106/60	75	73.60	100	99	100	100	100
90	70	99	45	5	5	90	92	92	96	98	93.60	90/60	70	92/60	71	94/60	71	94/60	71	94/60	71	70.80	99	99	99	99	99
84	74	98	40	6	3	84	86	86	88	88	86.40	98/62	74	98/64	75	100/64	75	100/66	77	100/70	80	76.20	100	99	98	100	99
90	69	97	45	5	4	90	94	96	98	100	95.60	90/58	69	90/60	70	92/60	71	92/60	71	94/60	71	70.40	99	98	97	99	99
88	70	97	30	4	3	88	90	92	92	94	91.20	94/58	70	94/58	70	96/60	72	98/60	73	98/60	73	71.60	99	99	97	99	99
90	69	98	50	3	3	90	92	94	96	98	94.00	90/58	69	92/58	69	92/60	71	92/60	71	94/60	71	70.20	100	99	98	100	100
75	73	99	30	4	3	75	77	78	80	80	78.00	100/60	73	102/60	74	102/62	75	104/60	73	104/60	73	73.60	100	99	99	100	100
86	69	100	95	5	3	86	88	90	92	92	89.60	90/58	69	94/60	71	96/60	72	96/62	73	100/60	73	71.60	99	99	100	99	100
88	70	100	45	5	3	88	90	94	94	96	92.40	90/60	70	94/62	73	98/60	73	98/60	73	98/60	73	72.40	99	100	100	99	100
90	69	97	45	6	4	90	94	96	98	100	95.60	90/58	69	90/60	70	92/60	71	92/60	71	94/60	71	70.40	99	100	97	99	99
88	70	98	30	5	2	88	90	92	92	94	91.20	94/58	70	94/58	70	96/60	72	98/60	73	98/60	73	71.60	98	99	98	98	99

	SEDATION					FLACC								Total duration of analgesia mins	HEART RATE						Motor Power (mins)	Full Sensory Recovery (mins)	Onset of action in min	
Avg	2	4	6	8	12	30 min	1	2	4	6	8	10	12		0 MINS	5 MINS	10 MINS	15 MINS	20 MINS	25 MINS	30 MINS			
98.8	3	3	2	2	2	1.8	1.7	2.2	3.6	5.6	6.6	7.6	6.9	575	126	129	124	119	115	108	111	155	60	6.8
99.0	3	3	2	2	2	1.4	2.0	2.4	4.0	5.3	6.5	7.4	6.9	530	116	122	116	111	108	101	103	165	90	6.8
98.8	3	3	2	2	2	1.5	1.6	2.3	3.5	5.6	6.8	7.5	6.8	555	124	127	122	117	110	103	102	160	75	6.8
98.8	3	3	2	2	2	1.6	2.0	2.4	3.7	5.2	6.4	7.2	6.9	550	133	126	121	115	110	105	105	130	85	6.6
98.8	3	3	2	2	2	1.2	1.7	2.2	3.5	5.6	6.8	7.4	6.8	510	127	121	116	110	108	101	104	145	65	6.9
99.6	3	3	2	2	1	1.8	1.9	2.1	3.6	5.3	6.5	7.3	7.2	525	134	126	122	117	109	108	103	160	90	6.4
99.0	3	3	2	3	1	1.5	2.0	2.3	4.0	5.6	6.4	7.4	6.9	510	136	129	124	119	110	103	104	155	60	6.5
98.8	3	3	2	2	1	1.8	1.7	2.4	3.7	5.4	6.8	7.6	6.9	515	123	115	112	116	112	107	110	175	70	6.7
99.2	3	3	2	2	1	1.5	2.0	2.0	4.0	5.6	6.3	7.6	6.9	525	121	112	109	104	110	104	106	170	75	6.9
98.8	3	3	2	2	2	1.8	1.8	2.2	3.5	5.3	6.8	7.2	6.8	520	137	132	127	122	110	102	105	140	80	6.4
99.4	3	3	2	2	2	1.7	1.6	2.3	3.7	5.2	6.4	7.3	7.2	530	132	126	122	116	109	103	106	165	85	6.7
99.6	3	3	2	2	1	1.8	1.7	2.3	3.5	5.2	6.5	7.6	6.8	530	133	128	121	115	107	101	105	180	65	6.5
99.2	3	3	2	2	1	1.3	1.6	2.1	3.6	5.6	6.5	7.4	6.9	535	143	128	128	122	111	117	106	145	90	6.6
99.4	3	3	2	2	1	1.8	1.7	2.1	3.5	5.3	6.8	7.5	6.9	530	131	127	121	116	115	111	105	160	65	6.8
99.4	3	3	2	2	1	1.6	1.8	2.3	4.0	5.6	6.4	7.6	7	535	124	118	113	108	114	112	103	175	70	6.9
99.2	3	3	2	2	1	1.4	1.9	1.2	3.5	5.2	6.3	7.3	6.9	540	123	116	112	105	105	118	106	135	75	6.7
99.2	2	3	2	2	1	1.8	2.0	2.2	3.7	5.6	6.8	7.4	7.2	555	132	126	121	116	116	112	106	120	90	7.2
99.2	3	3	2	2	1	1.5	1.7	2.0	4.0	5.3	6.6	7.5	6.8	540	135	128	123	115	107	106	104	145	65	6.4
99.6	3	3	2	2	1	1.7	1.6	2.4	3.5	5.2	6.8	7.2	6.9	575	137	128	129	124	112	101	109	120	70	7.3
99.8	3	3	2	2	2	1.8	1.6	2.2	3.6	5.2	6.8	7.6	6.8	550	135	129	124	119	107	107	104	140	75	6.7
99.0	3	3	2	2	2	1.8	2.0	2.1	4.0	5.6	6.4	7.3	6.9	600	126	119	115	108	110	113	102	155	80	7.1
99.2	3	3	2	2	1	1.2	1.7	2.4	3.7	5.3	6.5	7.4	6.8	575	122	115	112	105	114	112	106	145	85	6.7
98.4	3	3	2	2	1	1.8	1.9	2.3	3.5	5.6	6.8	7.6	7.2	575	132	124	119	114	110	104	105	150	65	6.6
98.6	3	3	2	2	1	1.5	2.0	2.2	3.5	5.2	6.7	7.2	6.9	565	134	128	123	118	113	109	106	125	90	6.6
99.4	3	3	2	2	1	1.6	1.8	2.1	3.6	5.3	6.8	7.4	7	600	131	127	122	117	112	110	101	135	65	6.5
99.6	3	3	2	2	1	1.2	2.0	2.4	3.5	5.6	6.3	7.6	7.1	580	124	118	113	118	108	108	104	150	70	6.9
99.4	3	3	2	2	1	1.7	1.6	2.4	4.0	5.6	6.4	7.2	7.2	550	133	126	121	116	114	104	106	155	90	6.8
99.6	3	3	2	2	1	1.5	2.0	2.2	3.5	5.6	6.5	7.6	7.2	560	124	129	122	116	107	105	112	140	65	6.6
98.8	3	3	2	2	2	1.3	1.7	2.1	3.7	5.2	6.8	7.4	6.8	570	124	118	113	114	112	119	104	150	70	6.5
98.4	3	3	2	2	1	1.8	1.6	2.4	4.0	5.3	6.8	7.6	6.9	580	132	129	124	119	115	113	109	160	75	6.3

RD GROUP																				
SNO	NAME	AGE	SEX	WEIGHT in KGs	IP no	TYPE OF SURGERY	PREOP							INTRAOP						
							PR							MAP						
							PR	MAP	spo2	5Min	10MIN	20MIN	30MIN	Avg	5MIN	10MIN	20MIN	30MIN	Avg	5MIN
1	madan gopal	72	M	15	34568	urethroplasty	94	75	99	76	78	79	81	78.50	75	76	77	78	76.50	98
2	sethupathy	60	M	15	34589	orchiopexy	98	83	100	80	82	83	84	82.25	75	76	77	77	76.25	99
3	jeevanathan	12	M	10	33584	circumscision	104	72	100	88	90	92	96	91.50	68	66	67	69	67.50	100
4	balajothi	72	M	15	32934	PVSL	98	84	100	90	90	92	94	91.50	78	79	79	79	68.25	100
5	karthick	24	M	8	32430	circumscision	105	76	100	90	94	96	98	94.50	72	72	73	74	72.75	99
6	manthiramoorthy	72	M	15	31901	circumscision	98	74	99	80	82	86	88	84.00	79	80	81	81	70.25	99
7	ajay	72	M	15	31737	orchiopexy	97	73	99	86	88	90	92	89.00	70	68	70	71	69.75	100
8	esakkimuthu	36	M	8	31195	PVSL	90	83	100	90	86	86	88	87.50	78	75	74	75	75.50	100
9	tharunraj	72	M	15	30644	orchiopexy	86	72	100	86	84	87	86	85.75	70	68	70	72	70.00	100
10	kavibalan	48	M	15	30472	PVSL	100	81	100	100	98	99	96	98.25	75	74	77	78	76.00	100
11	suganthi	12	F	8	30022	herniotomy	92	83	99	94	92	90	92	92.00	72	74	75	76	74.25	100
12	pathirakali	60	M	9	29377	herniotomy	82	73	99	90	86	84	80	85.00	76	75	78	80	69.25	100
13	ashiq	12	M	8.5	35765	circumscision	98	81	99	90	92	90	90	90.50	74	76	74	77	75.25	100
14	ganeshamoorthy	60	M	14	29736	urethroplasty	98	80	99	102	101	100	101	101.00	75	76	78	80	77.25	100
15	thirumalai	72	M	17	34831	urethroplasty	98	73	99	98	98	99	99	98.50	68	68	69	70	68.75	100
16	nithish kumar	36	M	8	36400	herniotomy	100	75	98	100	100	98	99	99.25	68	69	68	70	68.75	99
17	thayubala	12	M	8	36389	herniotomy	104	73	99	102	100	101	102	101.25	66	68	69	70	68.25	99
18	guna	72	M	13	34830	PVSL	96	77	99	94	92	94	94	93.50	67	68	69	70	68.50	99
19	sakthivel	24	M	17	36847	circumscision	94	75	100	94	92	92	94	93.00	69	70	72	72	70.75	99
20	rahul	48	M	15	37510	circumscision	106	73	100	106	104	106	108	106.00	69	70	71	72	70.50	99
21	poovarasan	72	M	17	37948	herniotomy	98	81	100	90	90	92	94	91.50	78	77	79	80	69.50	100
22	ganeshamoorthy	60	M	14	29736	herniotomy	98	80	100	102	101	100	101	101.00	75	72	76	77	75.00	100
23	saravanan	42	M	14	38598	herniotomy	98	72	100	90	86	86	88	87.50	75	76	78	78	69.75	100
24	subash chandrabose	36	M	10	39466	herniotomy	104	72	100	88	90	92	96	91.50	65	67	68	69	67.25	100
25	karuppasamy	24	M	15	39277	urethroplasty	98	81	99	76	78	79	81	78.50	74	76	77	78	76.25	99
26	maria nishanth	36	M	12	37853	circumscision	104	72	99	88	90	92	96	91.50	66	65	68	69	67.00	99
27	uthandaraman	48	M	13	46358	PVSL	94	71	100	90	90	92	94	91.50	74	75	76	78	75.75	99
28	rajesh kumar	72	M	19	40694	herniotomy	94	72	100	90	90	92	94	91.50	74	72	77	76	74.75	99
29	abishkumar	36	M	12	40690	circumscision	104	72	100	88	90	92	96	91.50	65	64	67	68	66.00	100
30	esakkidurai	60	M	12.5	40687	herniotomy	94	81	99	90	90	92	94	91.50	75	77	78	80	77.50	100

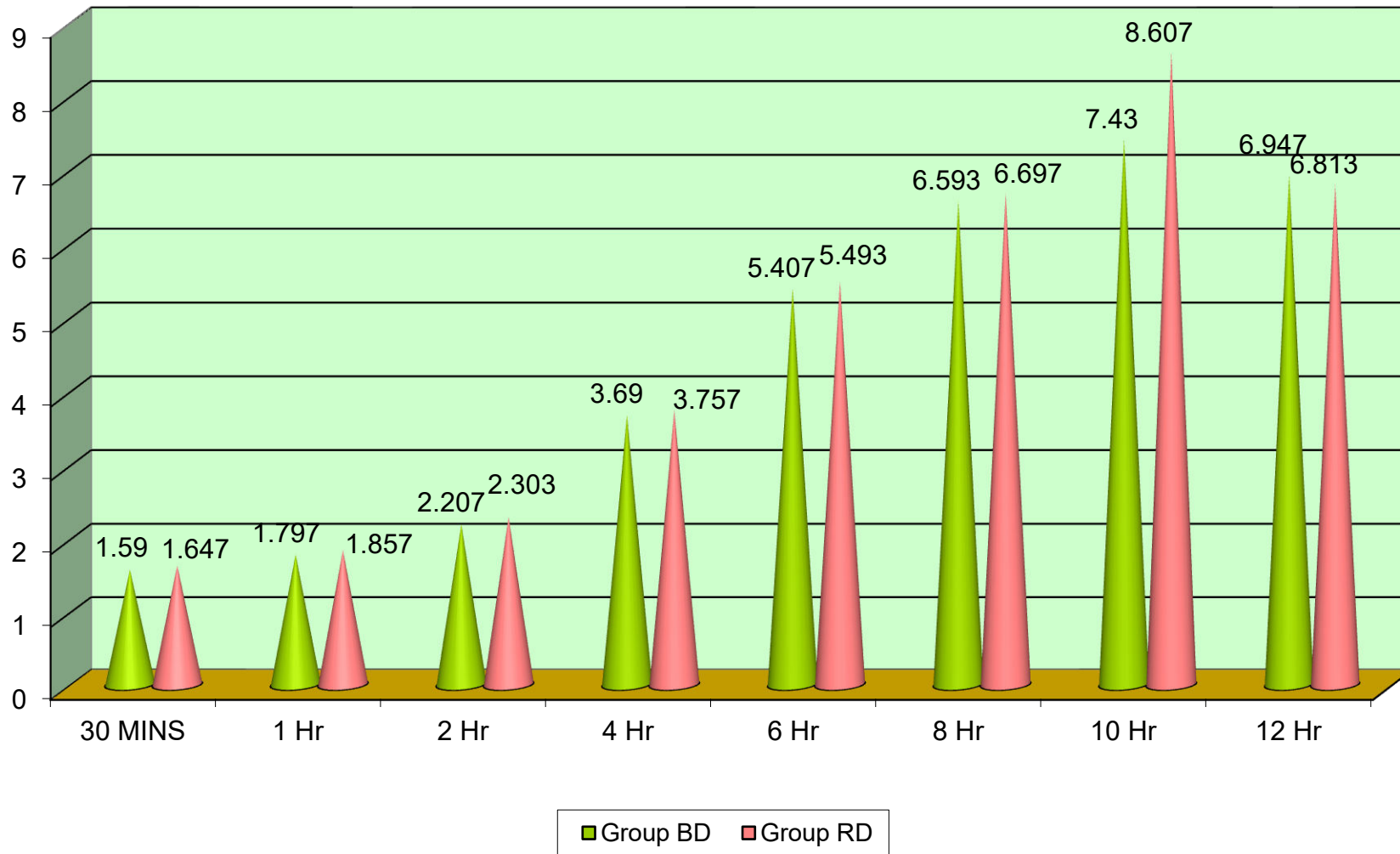
							POST OPERATIVE PERIOD (HOURS)																		POST OPERATI						
			EOS	DOS(in mins)			Emergence time	emergence behaviour score																							
SpO2			PR	MAP	SpO2	time	SCORE	PR					MAP					SpO2					SEDATION								
10MIN	20MIN	Avg						2	4	6	8	12	Avg	2	4	6	8	12	Avg	2	4	6	8	12	Avg	2	4	6	8	12	
99	100	99.00	76	78	100	70	5	3	76	78	79	81	82	79.20	74	77	76	81	81	78.20	97	99	99	97	99	98.20	3	3	2	1	1
99	100	99.33	78	78	100	45	4	4	80	82	83	84	86	83.00	73	75	75	80	82	67.00	98	99	99	98	99	98.60	3	3	2	2	2
99	100	99.67	88	70	100	30	5	3	88	90	92	96	98	92.80	70	71	71	72	73	71.40	98	99	98	98	99	98.40	3	3	2	2	1
99	100	99.67	90	80	99	35	6	4	90	90	92	94	94	92.00	73	73	74	77	79	75.20	99	99	98	99	99	98.80	3	3	2	2	2
100	100	99.67	90	76	99	30	5	3	90	94	96	98	100	95.60	71	72	74	75	76	73.60	100	99	97	100	99	99.00	3	2	2	2	1
100	100	99.67	80	82	98	35	4	3	80	82	86	88	90	85.20	75	79	81	82	83	69.40	100	100	100	100	100	100.00	3	3	2	2	1
100	99	99.67	88	72	99	45	6	3	86	88	90	92	92	89.60	73	75	73	76	79	75.20	99	99	99	99	99	99.00	3	3	2	2	2
100	99	99.67	88	76	99	35	4	3	90	86	86	88	90	88.00	83	81	82	81	83	69.25	98	99	99	98	99	98.60	3	3	1	2	1
99	100	99.67	84	74	99	40	3	4	86	84	87	86	85	85.60	79	81	83	83	83	68.30	99	99	100	99	99	99.20	3	3	2	2	2
99	100	99.67	90	80	99	45	4	3	100	98	99	96	98	98.20	75	77	76	81	81	68.00	99	99	98	99	99	98.80	3	3	2	2	1
99	100	99.67	92	80	99	45	5	3	94	92	90	92	93	92.20	89	89	86	89	90	70.10	99	100	99	99	100	99.40	3	3	2	2	2
99	100	99.67	82	84	100	80	4	3	90	86	84	80	82	84.40	85	81	83	85	87	70.30	99	100	99	99	100	99.40	3	3	2	2	1
98	100	99.33	90	78	100	35	5	3	90	92	90	90	92	90.80	83	78	76	80	79	69.21	97	100	99	97	100	98.60	3	3	2	2	2
99	100	99.67	100	80	100	40	6	4	102	101	100	101	100	100.80	73	73	74	73	74	73.40	98	100	99	98	100	99.00	2	3	2	2	1
100	100	100.00	100	70	99	90	5	3	98	98	99	99	98	98.40	73	73	73	73	73	73.00	99	100	99	99	100	99.40	3	3	2	2	1
100	100	99.67	100	70	99	35	3	3	100	100	98	99	99	99.20	74	73	73	73	73	73.20	99	99	100	99	99	99.20	3	3	2	2	1
100	100	99.67	103	70	98	40	3	3	102	100	101	102	100	101.00	73	73	73	73	73	73.00	100	99	100	100	99	99.60	2	3	2	1	2
100	99	99.33	96	72	98	40	5	3	94	92	94	94	92	93.20	73	73	73	73	73	67.60	100	99	100	100	99	99.60	3	3	2	2	1
99	100	99.33	96	74	100	30	5	4	94	92	92	94	94	93.20	73	73	74	73	74	73.40	100	99	100	100	99	99.60	3	3	2	2	2
98	100	99.00	108	72	100	30	4	3	106	104	106	108	106	106.00	72	73	73	73	73	72.80	100	100	99	100	100	99.80	3	2	2	2	1
99	100	99.67	95	81	99	35	5	3	90	90	92	94	94	92.00	73	73	74	77	79	75.20	99	99	99	99	99	99.00	3	3	2	2	2
99	99	99.33	102	80	99	40	3	3	102	101	100	101	100	100.80	75	73	74	73	74	73.80	98	100	99	98	100	99.00	3	3	1	2	2
99	100	99.67	90	80	99	35	5	3	90	86	86	88	90	88.00	85	81	82	81	83	71.25	97	99	98	97	99	98.00	3	3	2	2	1
99	100	99.67	98	70	99	30	4	3	88	90	92	96	98	92.80	70	71	71	72	73	71.40	97	99	99	97	99	98.20	3	3	2	2	1
99	100	99.33	83	79	100	70	3	3	76	78	79	81	82	79.20	74	77	76	81	81	67.80	98	100	99	98	100	99.00	3	3	2	2	1
100	100	99.67	98	70	100	30	6	3	88	90	92	96	98	92.80	70	71	71	72	73	71.40	99	100	99	99	100	99.40	3	3	2	2	1
100	99	99.33	96	78	100	35	5	4	90	90	92	94	94	92.00	73	73	74	77	79	75.20	100	99	99	100	99	99.40	3	3	2	2	1
100	99	99.33	96	79	100	35	5	4	90	90	92	94	94	92.00	73	73	74	77	78	75.00	100	99	100	100	99	99.60	3	3	2	2	2
100	99	99.67	95	69	99	30	6	3	88	90	92	96	98	92.80	70	71	71	72	73	71.40	97	99	100	97	99	98.40	3	3	2	2	1
100	99	99.67	95	81	99	35	5	4	90	90	92	94	94	92.00	73	73	74	77	78	75.00	98	98	99	98	98	98.20	3	3	2	2	1





FIVE PERIOD (HOURS)																			
								Total duration of analgesia hrs											
FLACC									HEART RATE								Motor Power (mins)	Full Sensory Recovery (mins)	Onset of action in min
30 min	1	2	4	6	8	10	12		0 MINS	5 MINS	10 MINS	15 MINS	20 MINS	25 MINS	30 MINS				
1.6	1.8	2.0	3.6	5.2	6.6	8.8	6.9	655	0 MINS	5 MINS	10 MINS	15 MINS	20 MINS	25 MINS	30 MINS	125	65	6.4	
1.3	1.7	2.6	3.9	5.7	6.5	8.6	6.9	615	129	124	124	119	113	110	106	135	70	6.7	
1.8	1.8	2.1	3.6	5.6	6.8	8.4	6.8	620	119	127	120	115	113	102	105	130	65	6.3	
1.5	1.9	2.4	4.0	5.3	6.8	8.8	6.9	690	127	124	122	117	112	104	106	100	60	6.8	
1.6	2	2.3	3.7	5.6	6.8	8.5	6.8	630	136	123	124	115	108	106	101	115	75	6.5	
1.2	1.9	2.6	3.5	5.6	6.9	8.5	6.6	700	131	124	119	113	116	103	104	130	80	6.6	
1.8	1.6	2.5	3.9	5.6	6.4	8.4	6.9	640	137	129	122	117	110	110	106	135	75	6.6	
1.7	1.9	2.4	3.9	5.7	6.8	8.8	6.9	665	139	131	124	119	108	105	108	150	60	6.8	
1.8	2	2.4	3.6	5.2	6.9	8.4	6.9	650	126	121	118	116	116	109	104	135	90	6.3	
1.5	1.7	2.2	4.0	5.4	6.8	8.6	6.8	620	124	128	116	124	108	106	109	110	95	6.6	
1.8	1.9	2.6	3.5	5.6	6.8	8.4	6.6	670	130	125	127	122	109	103	111	135	90	6.8	
1.7	2	2.4	3.7	5.3	6.6	8.8	6.8	635	136	126	122	116	107	104	103	140	60	6.8	
1.8	1.8	2.4	3.9	5.7	6.9	8.5	6.9	680	135	128	124	115	105	102	102	115	110	6.7	
1.8	2	2.0	4.0	5.2	6.8	8.8	6.9	700	147	128	128	122	109	119	105	130	65	6.8	
1.8	1.6	2.2	4.0	5.3	6.4	8.5	7	690	134	127	122	116	107	112	104	145	90	6.5	
1.6	2	2.6	3.7	5.6	6.3	8.5	6.9	700	127	123	116	112	105	113	103	105	85	6.8	
1.4	1.7	2.3	4.0	5.6	6.8	8.6	6.7	615	136	124	117	110	11	119	104	95	60	6.7	
1.8	1.9	2.1	3.5	5.7	6.8	8.8	6.8	680	133	126	121	116	112	113	110	120	65	6.8	
1.5	2	2.1	3.7	5.5	6.8	8.8	6.9	625	139	128	123	115	107	107	106	95	65	6.5	
1.7	2	2.3	3.5	5.6	6.8	8.8	6.8	700	132	128	129	124	111	105	105	110	60	6.8	
1.8	1.6	1.2	3.6	5.6	6.6	8.5	6.9	635	132	129	124	119	106	107	106	125	80	6.7	
1.8	2	2.2	3.9	5.3	6.5	8.6	6.8	625	129	125	118	116	108	113	105	115	65	6.4	
1.8	1.7	2.5	4.0	5.6	6.8	8.6	6.6	645	127	121	119	121	112	112	106	120	60	6.7	
1.7	1.9	2.4	3.5	5.2	6.7	8.4	6.9	610	131	124	122	114	108	104	105	105	95	6.6	
1.8	2	2.2	3.7	5.7	6.8	8.8	7	655	133	128	123	118	110	109	103	95	80	6.8	
1.6	1.9	2.6	4.0	5.3	6.3	8.8	6.7	615	134	127	122	117	109	110	106	120	75	6.8	
1.7	2	2.2	3.8	5.6	6.4	8.4	6.6	610	127	118	115	118	106	108	106	125	65	6.7	
1.7	1.8	2.5	4.0	5.4	6.9	8.6	6.7	605	134	126	121	116	108	104	104	110	60	6.8	
1.5	1.9	2.4	3.5	5.7	6.8	8.5	6.8	625	129	129	122	116	105	105	109	120	65	6.7	
1.3	1.7	2.4	3.5	5.4	6.8	8.7	6.7	700	127	128	117	114	110	119	104	130	80	6.6	
									138	129	124	121	111	113	102				

FLACC SCORE COMPARISON



Age in months	BD Group		RD Group	
	No.	%	No.	%
12 - 24	12	40.00	7	23.33
25 - 36	6	20.00	5	16.67
37 - 48	3	10.00	4	13.33
49 - 60	2	6.67	5	16.67
61 - 72	7	23.33	9	30.00
Total	30	100.00	30	100.00
Mean	39.2		47.8	
SD	22.982		21.417	
p' value	0.244 Not Significant			

Sex	BD Group		RD Group	
	No.	%	No.	%
MALE	25	83.33	29	96.67
FEMALE	5	16.67	1	3.33
Total	30	100.00	30	100.00
p' value	0.197 Not significant			

Weight in kgs	BD Group		RD Group	
	No.	%	No.	%
6 - 10	15	50.00	9	30.00
11 - 15	6	20.00	17	56.67
16 - 20	9	30.00	4	13.33
Total	30	100.00	30	100.00
Mean	12.317		12.9	

SD	3.984	3.239
p' value	0.536 Not significant	

Variables	BD Group		RD Group	
	Mean	S.D	Mean	S.D
Duration Of Surgery(mins)	45.333	17.066	41.667	15.388

Types Of Surgery	BD Group	RD Group
circumscision	6	8
herniotomy	12	11
PVSL	6	4
orchidopexy	4	3
urethroplasty	2	4
Total	30	30
p' value	0.82 Not significant	

		BD Group		RD Group	
		Mean	S.D	Mean	S.D
Pre op	PR	99.4	7.262	97.467	5.501
	MAP	75.6	4.344	76.333	4.373
	SPO2	99.53	0.571	99.5	0.572
Intraop	PR	88.708	6.357	91.675	6.564
	MAP	70.283	2.204	71.767	3.657
	SPO2	99.558	0.224	99.544	0.223
Post op	PR	89.487	6.443	92.093	6.363
	MAP	71.58	2.246	71.967	2.837
	SPO2	99.133	0.376	99.013	0.53

Variables	BD Group		RD Group	
	Mean	S.D	Mean	S.D
Emergence Time	4.467	0.9	4.6	0.968
Emergence Behaviour Score	3.633	0.964	3.267	0.45

Sedation score

Time in Hours	BD Group		RD Group	
	Mean	S.D	Mean	S.D
2	2.967	0.183	2.9	0.305
4	3	0	2.933	0.254
6	2	0	1.9	0.305
8	2.033	0.183	1.933	0.254
12	1.333	0.479	1.367	0.49

Duration of Analgesia

Group	Mean(hr)			P'value
	Estimate	S.E	CI	
BD	549.667	4.661	-115.769 - - 85.231	<0.001
RD	650.167	6.039		

Heart Rate(mins)	BD Group		RD Group	
	Mean	S.D	Mean	S.D
0	129.467	6.107	131.933	5.514
5	124.2	5.352	125.933	2.912

10	119.7	5.305	121.5	3.501
15	115.033	5.055	117.1	3.346
20	110.667	2.916	106	18.181
25	107.567	5.211	108.533	4.995
30	105.4	2.608	105.267	2.348

Post op. Complication	BD Group	RD Group
PONV	2	1
Respiratory depression	Nil	Nil
Urinary retention	3	2
Hypotension	Nil	Nil
Bradycardia	Nil	Nil

Post op. Complication
PONV
Respiratory depression
Urinary retention
Hypotension
Bradycardia

Onset of action in min	BD Group		RD Group	
	Mean	S.D	Mean	S.D
	6.707	0.236	6.653	0.157

	BD Group		RD Group	
	Mean	S.D	Mean	S.D
Motor power in minutes	150.167	15.728	120.667	14.84

Full Sensory recovery in min	BD Group	RD Group
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	Mean	S.D	Mean	S.D
	75.167	10.127	73.667	13.451

FLACC	BD Group		RD Group	
	Mean	SD	Mean	SD
30 MINS	1.59	0.209	1.647	0.176
1 Hr	1.797	0.161	1.857	0.138
2 Hr	2.207	0.229	2.303	0.276
4 Hr	3.69	0.204	3.757	0.199
6 Hr	5.407	0.178	5.493	0.18
8 Hr	6.593	0.191	6.697	0.187
10 Hr	7.43	0.149	8.607	0.157
12 Hr	6.947	0.146	6.813	0.117

Total	
No.	%
19	31.67
11	18.33
7	11.67
7	11.67
16	26.67
60	100.00

Age in months	Group BD	Group RD
12 - 24	12	7
25 - 36	6	5
37 - 48	3	4
49 - 60	2	5
61 - 72	7	9

Total	
No.	%
54	90.00
6	10.00
60	100.00

Sex	Group BD	
MALE	25	
FEMALE	5	

Sex	Group RD
MALE	29
FEMALE	1

Total	
No.	%
24	40.00
23	38.33
13	21.67
60	100.00

Weight in kgs	Group BD	Group RD
6 - 10	15	9
11 - 15	6	17
16 - 20	9	4

Difference Of Mean	t-value	p-value
3.666	0.874	0.874

Not significant

Group BD	
Duration Of Surgery(mins)	45.333

Difference Of Mean	t'	P'value
1.933	1.162	0.250
-0.652	-0.733	0.517
0.033	0.226	0.822
-2.967	-1.778	0.081
-1.483	-1.903	0.062
0.0139	0.241	0.811
-2.607	-1.577	0.120
-4.567	-0.586	0.560
0.12	1.011	0.316

Not sig
Not sig
Not sig
Not sig
Not sig
Not sig
Not sig
Not sig
Not sig

Pre op	PR MAP SPO2
Intraop	PR MAP SPO2
Post op	PR MAP SPO2

Difference Of Mean	t'	P'value
-0.133	-0.553	0.583
0.367	1.887	0.064

Group BD	
Emergence Time	4.533
Emergence Behaviour Score	1.333

P'value	Significance
0.309	Not sig
0.155	Not sig
0.078	Not sig
0.085	Not sig
0.791	Not sig

Sedation score	Group BD	Group RD
S 2	3.0	2.9
4	3.0	2.9
6	2.0	1.9
8	2.0	1.9
S 12	1.3	1.4

Duration of analg Mean

Significant	BD	549.7
	RD	650.2

P'value	Heart rate	Group BD	Group RD
0.106	H 0	129.5	131.9
0.125	5	124.2	125.9
	10	119.7	121.5

0.126	Not sig
0.067	Not sig
0.17	Not sig
0.466	Not sig
0.836	Not sig

15	115.0	117.1
20	110.7	106.0
25	107.6	108.5
H 30	105.4	105.3

BD Group	RD Group
2	1
0	0
3	2
0	0
0	0

P'value	
0.307	Not sig

Onset of action in min	Group BD	Group RD
Mean	6.71	6.55

P'value	
<0.001	Significant

Motor power in min	Group BD	Group RD
Mean	150.17	120.67

P'value	
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Full Sensory recovery in min	Group BD	Group RD
Mean	75.17	73.67

0.627	Not Sig

p' value
0.26
0.127
0.145
0.206
0.066
0.038
<0.001
<0.001

FLACC	Group BD	Group RD
30 MINS	1.59	1.647
1 Hr	1.797	1.857
2 Hr	2.207	2.303
4 Hr	3.69	3.757
6 Hr	5.407	5.493
8 Hr	6.593	6.697
10 Hr	7.43	8.607
12 Hr	6.947	6.813

Group RD

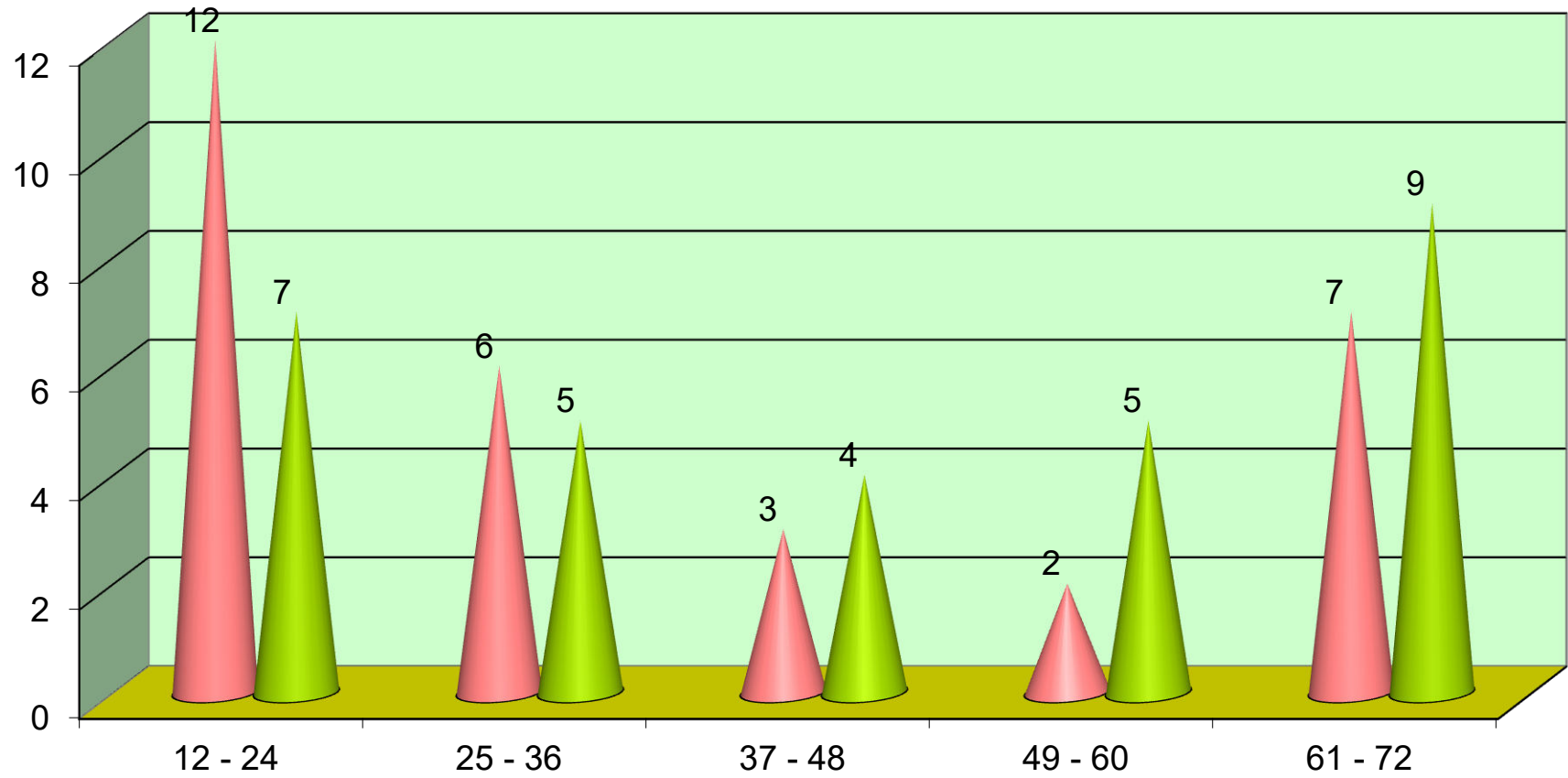
41.667

Group BD	Group RD				
99.4	95.2				
75.6	78.6				
99.5	99.5				
88.7	91.7				
70.3	73.3				
99.6	99.5				
89.5	92.1				
71.6	76.1				
99.1	99.0				

Group RD

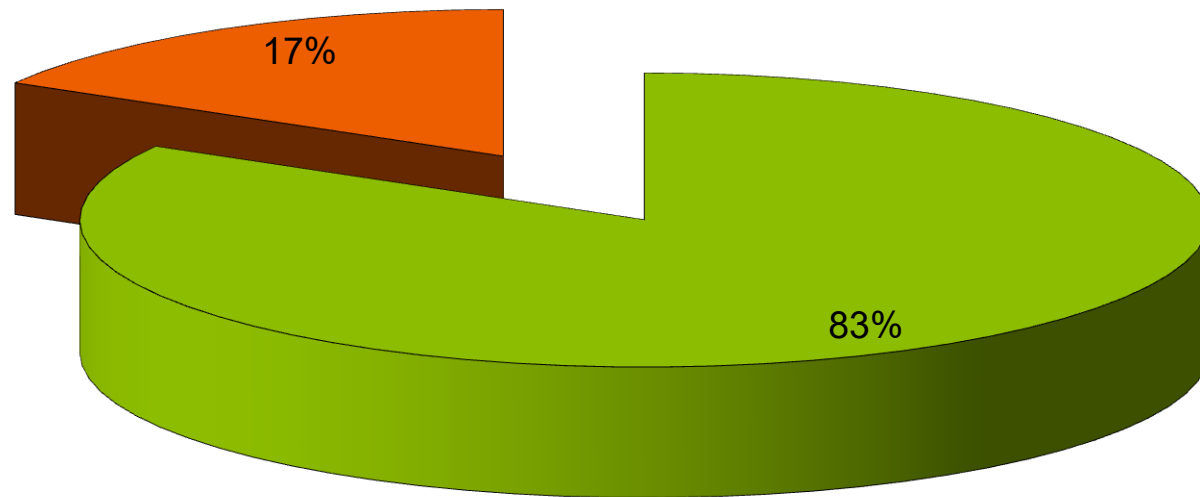
4.633
3.467

AGE DISTRIBUTION IN MONTHS



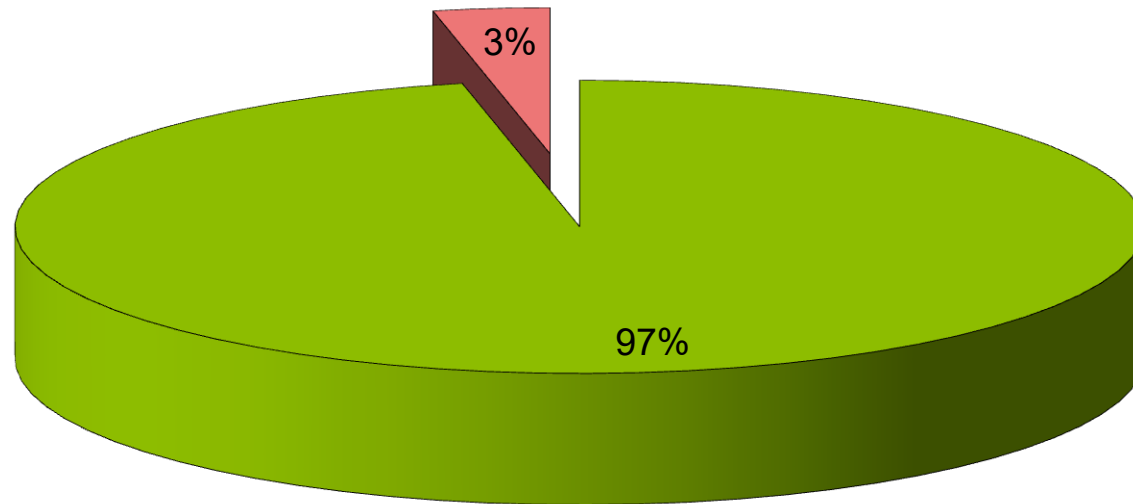
■ Group BD ■ Group RD

GENDER DISTRIBUTION IN GROUP BD



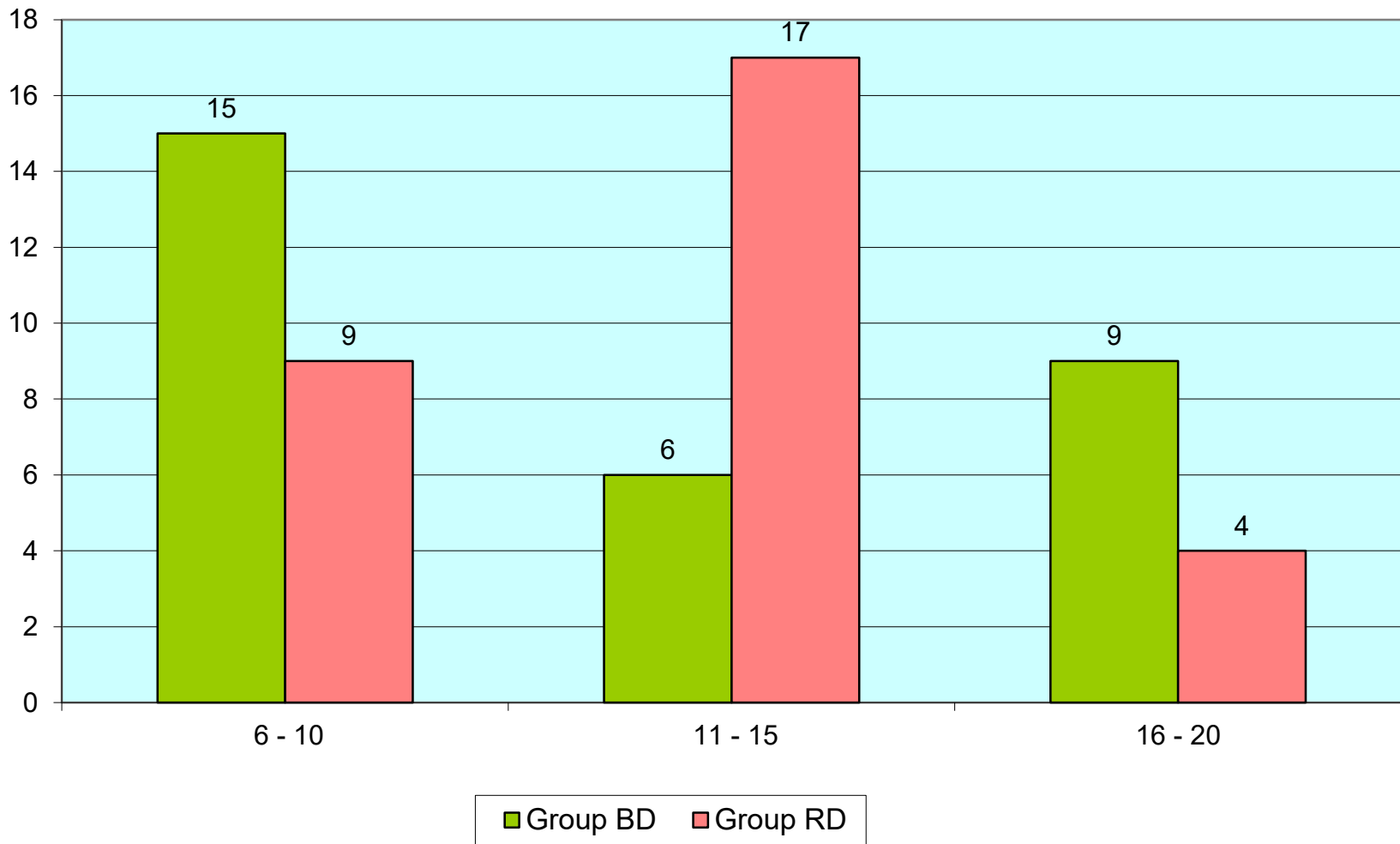
■ MALE ■ FEMALE

GENDER DISTRIBUTION IN GROUP RD

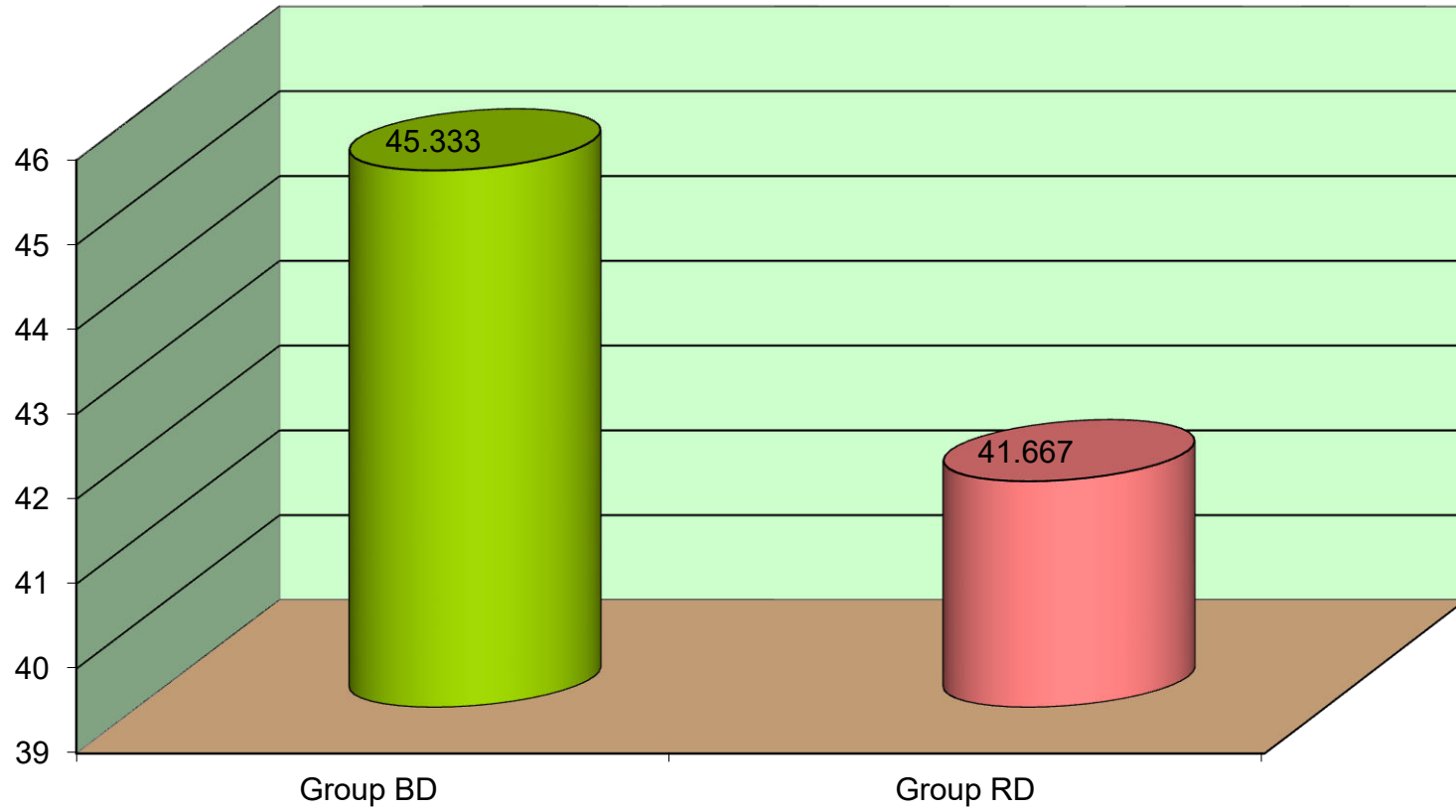


■ MALE ■ FEMALE

WEIGHT COMPARISION

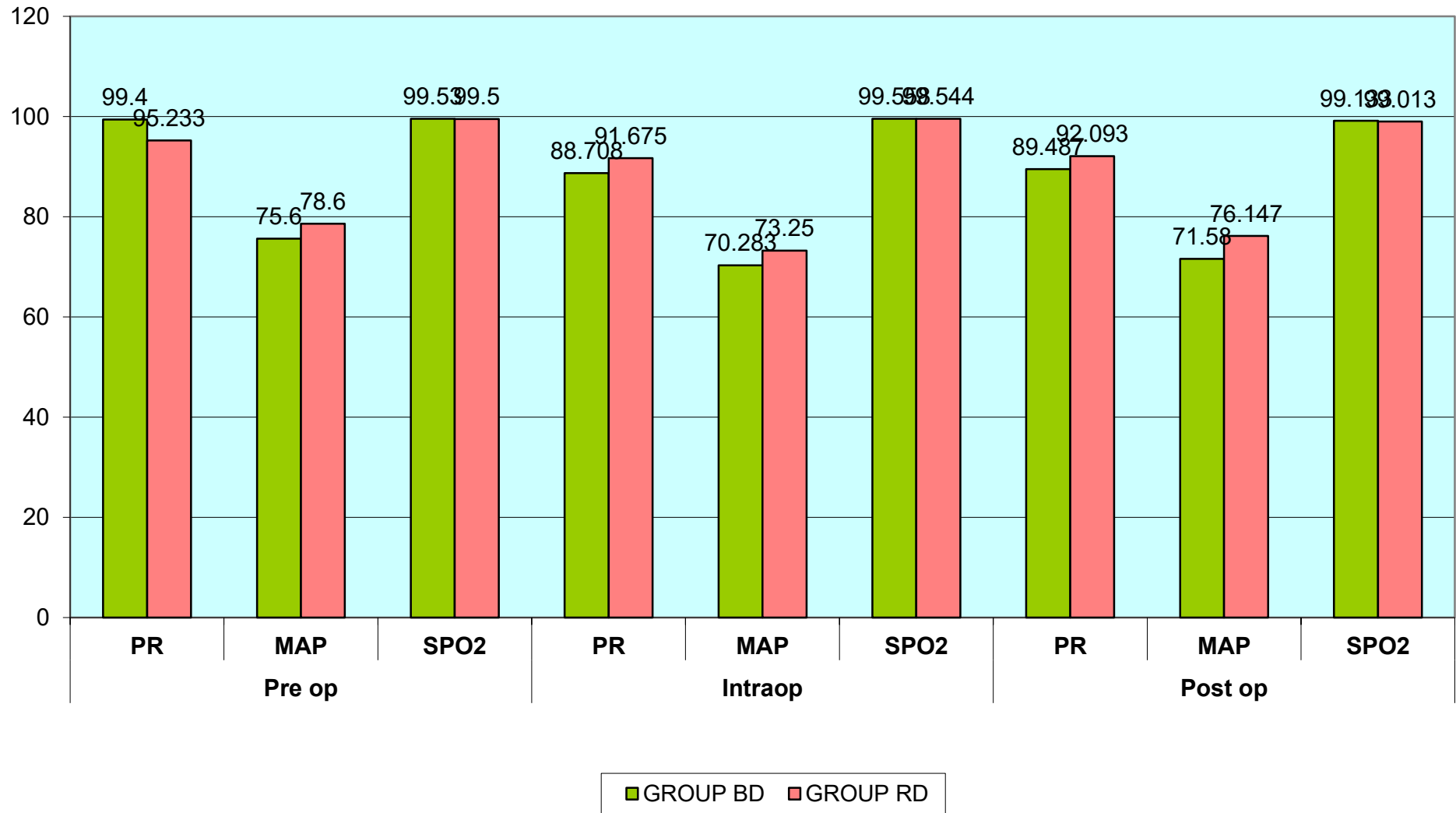


Duration Of Surgery(mins)

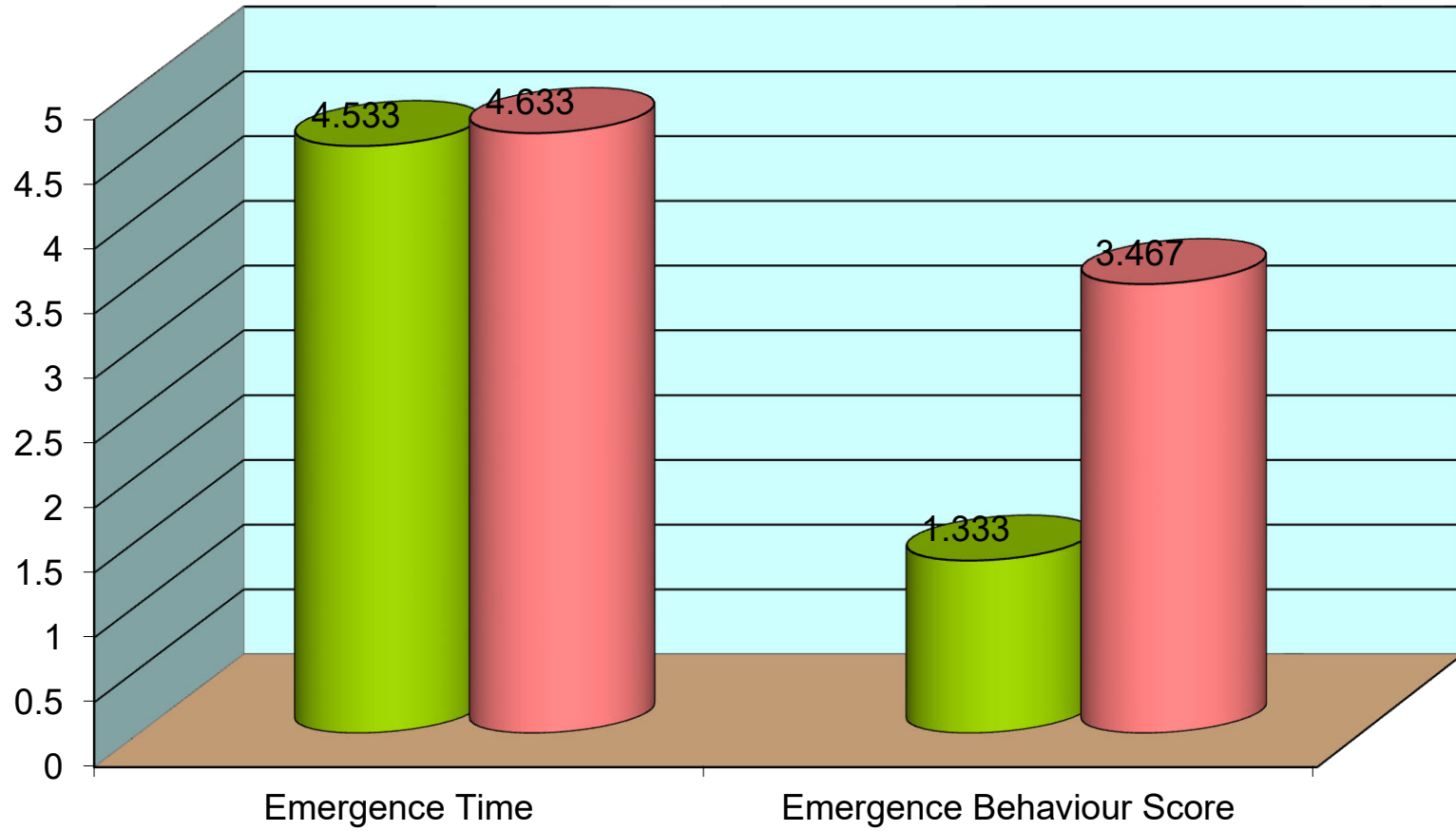


■ Group BD ■ Group RD

COMPARISON OF HEMODYNAMIC VARIABLES

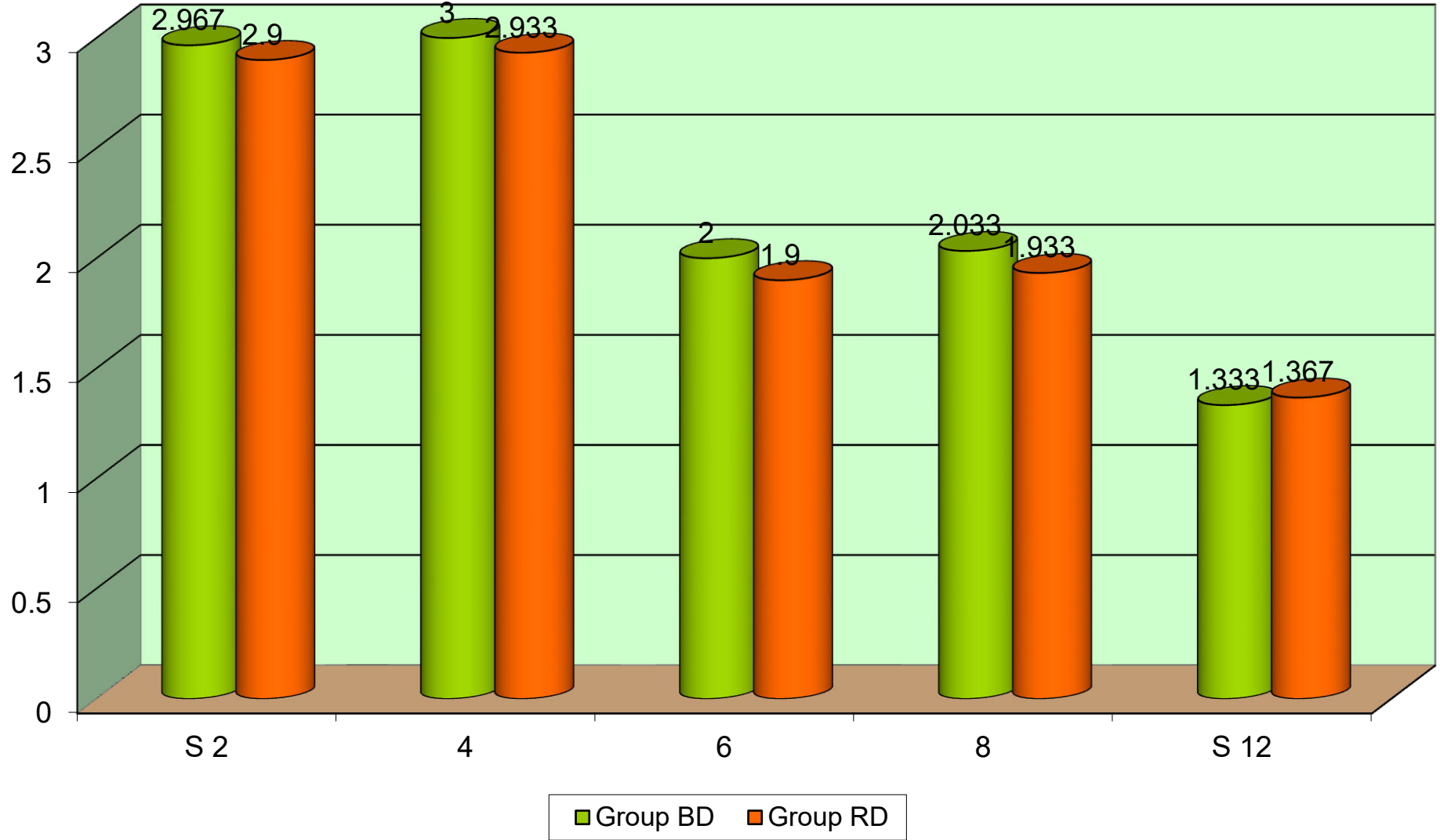


EMERGENCE TIME

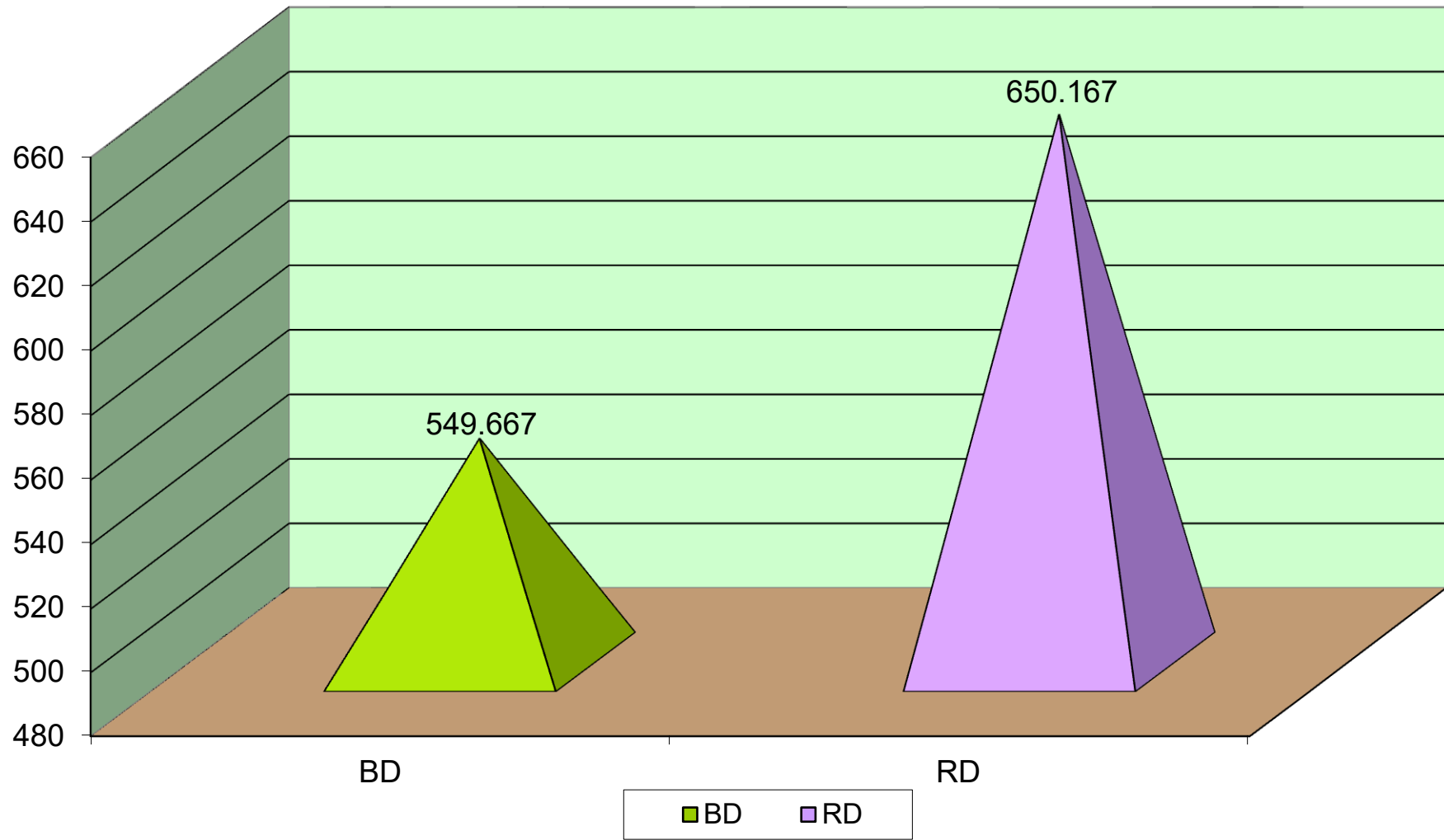


■ Group BD ■ Group RD

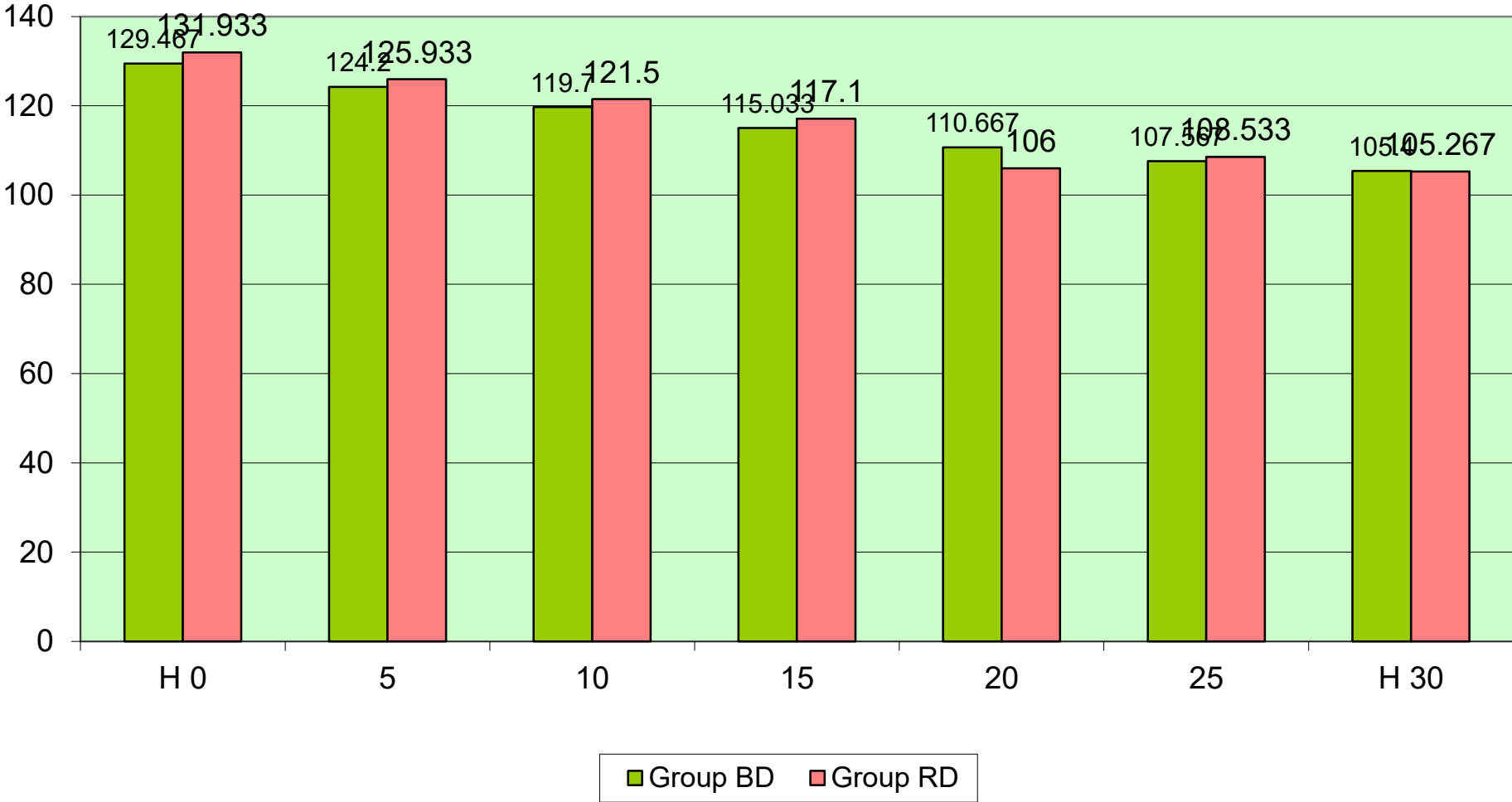
SEDATION SCORE IN HOURS



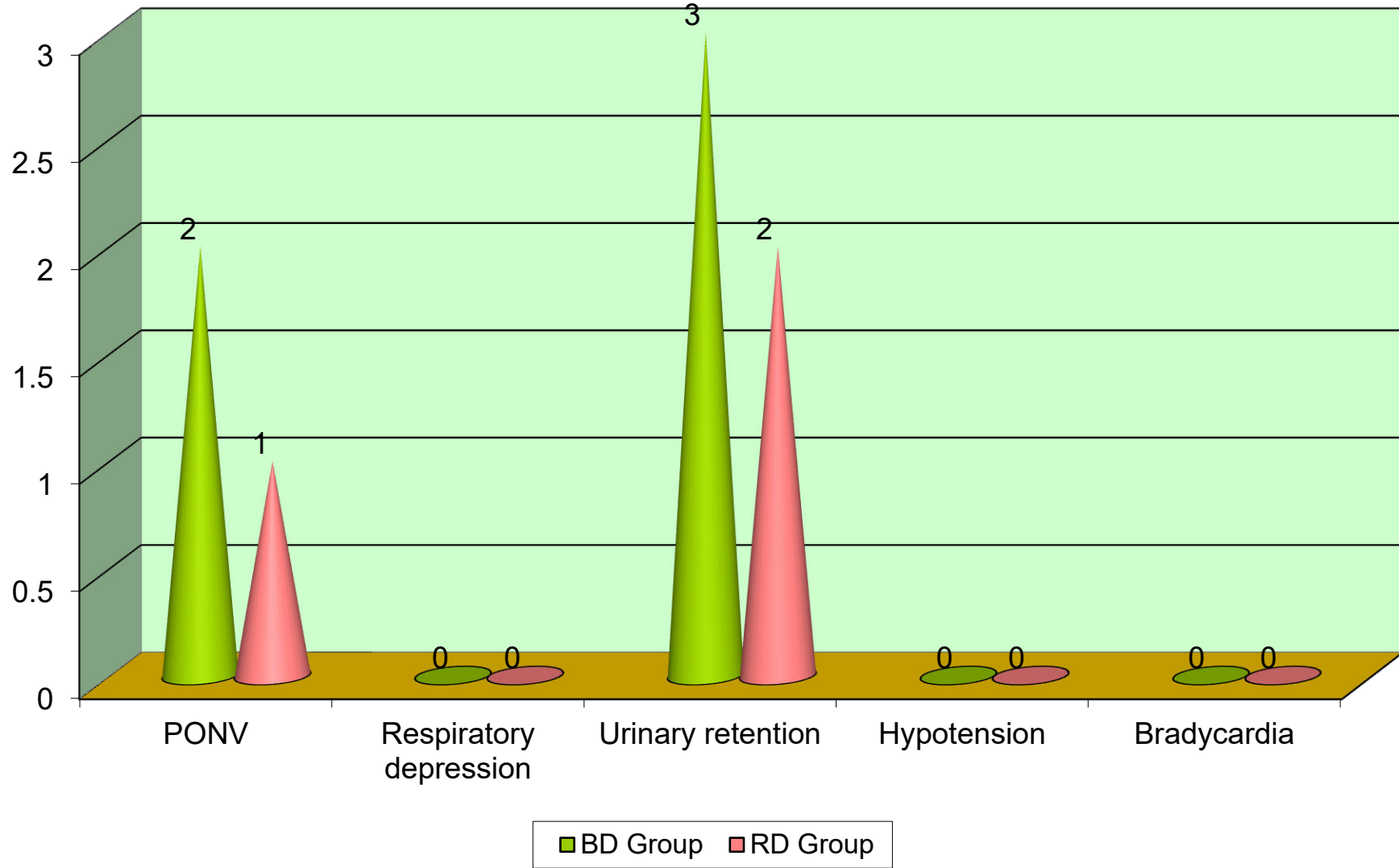
DURATION OF ANALGESIA



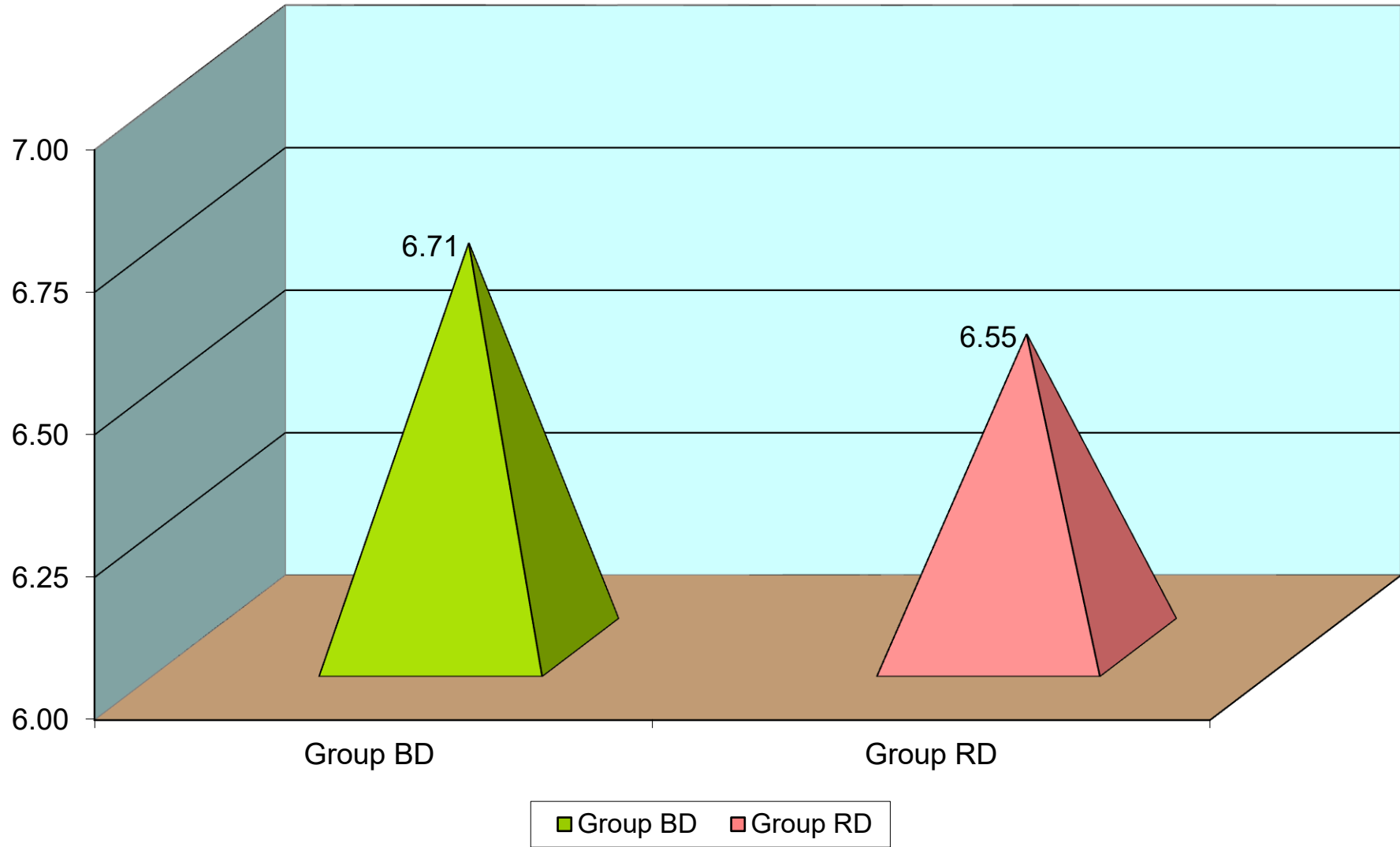
HEART RATE COMPARISON



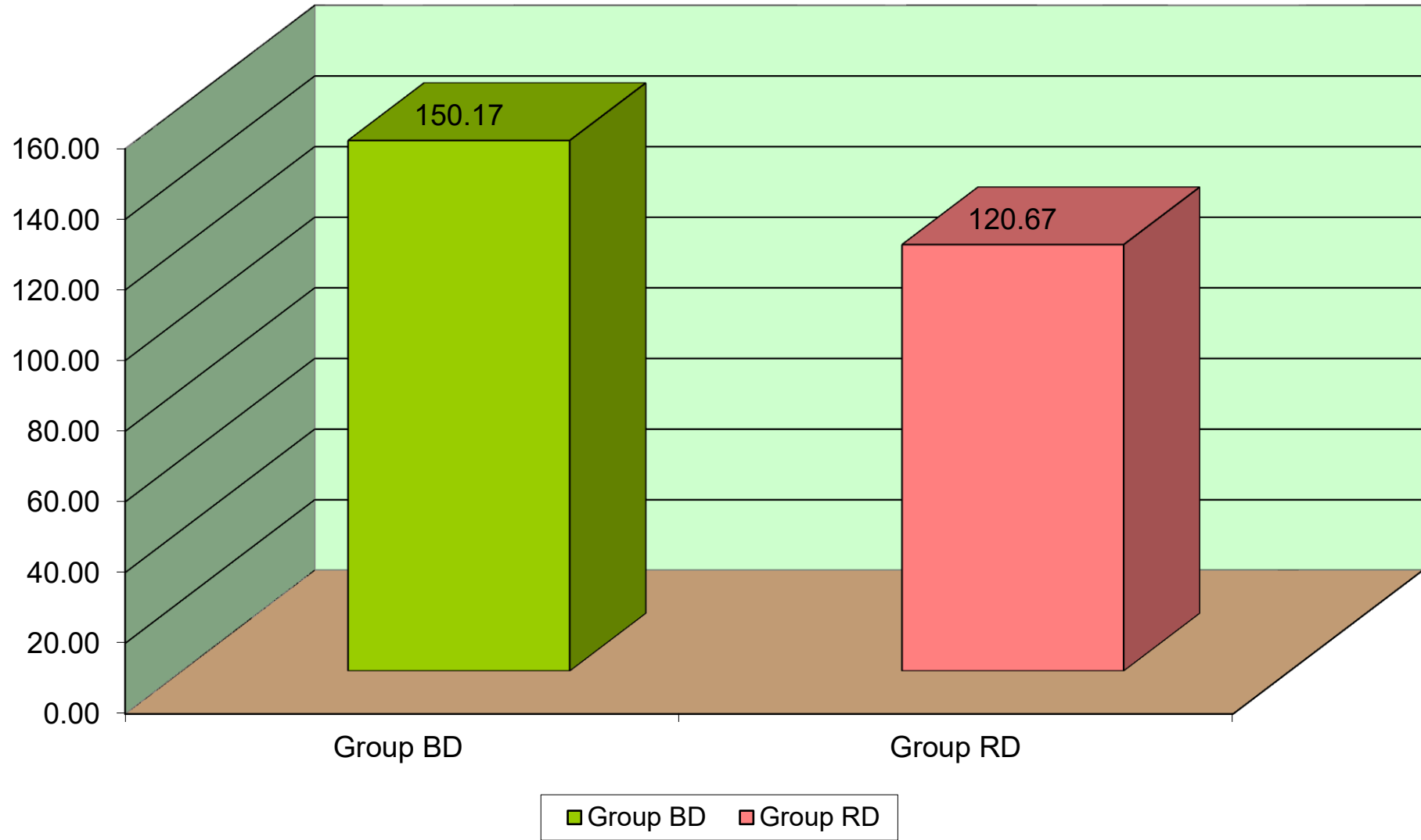
COMPARISON OF POST OP COMPLICATIONS



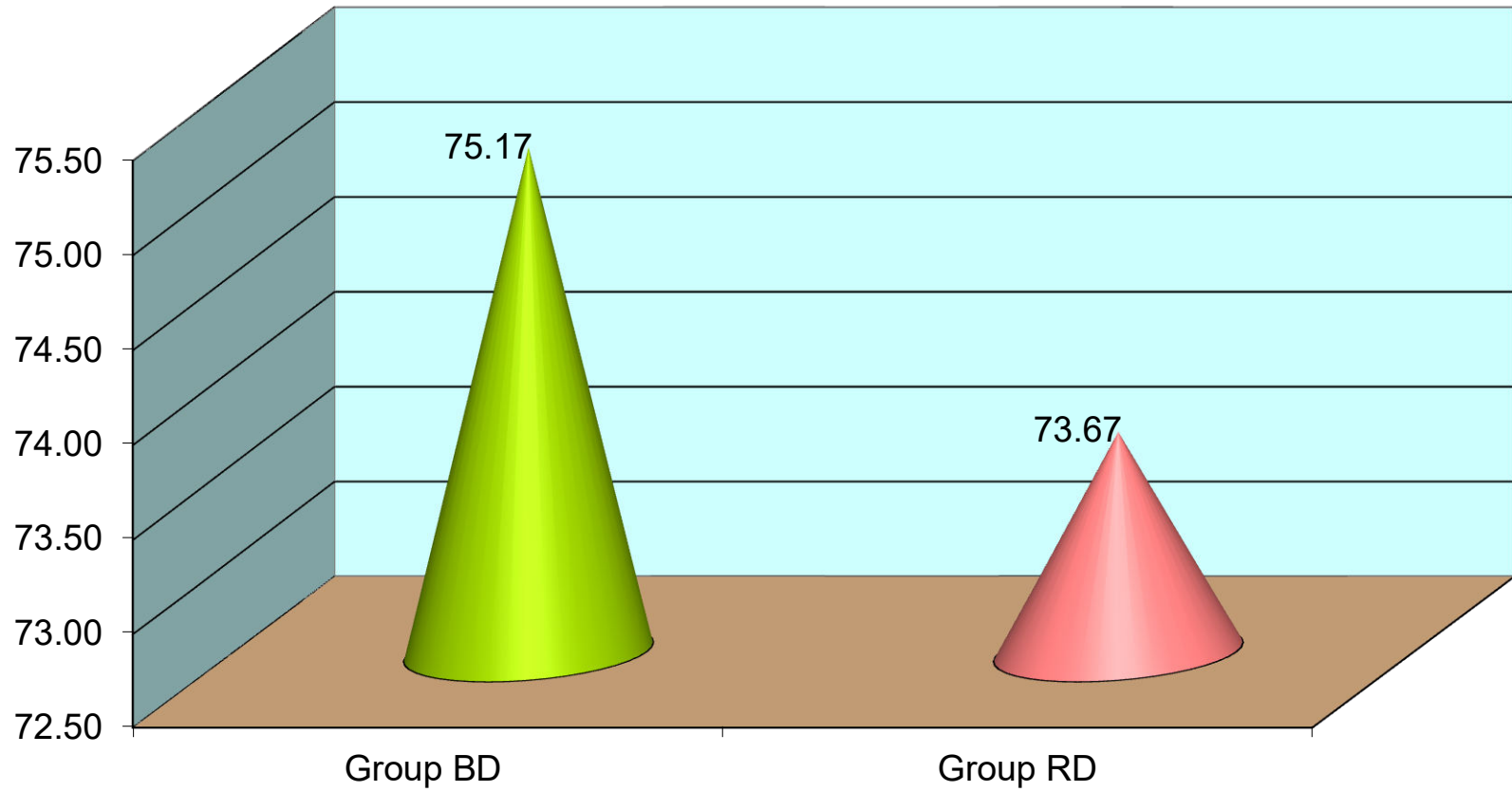
ONSET OF ACTION IN MINUTES



MOTOR POWER IN MINUTES



FULL SENSORY RECOVERY IN MIN



■ Group BD ■ Group RD

TYPE OF SURGERY

