

Table (1): Patients demographic data, duration of anesthesia and surgery, volume of blood loss, and volume of blood transfusion.

	Dex group (N=20)	Control group (N=20)	*P-value
Age (years)	54.45±8.9	54.65± 8.5	0.94
Sex: Male Female	18 (90) 2 (10%)	17(85%) 3 (15%)	0.4
Weight (kg)	78± 10.05	79.5± 7.76	0.6
Physical status (ASA): I II	8(40%) 12(60%)	9(45%) 11(55%)	0.23
Duration of anaesthesia (hours)	5.1±1.65	5.28±1.45	0.45
Duration of surgery (hours)	4.71 ±1.03	4.91±1.35	0.57
Volume of blood loss (ml)	1237.5±884.6	1030±542	0.36
Volume of blood transfusion (ml)	940±857.4	975.25±1070.6	0.91

Table (2): Intraoperative heart rate (HR).

	Dex group N=20	Control group N=20	P-value
HR at baseline	77.9 ±10.93	78.9 ±7.8	0.741
HR at one minute after induction	77.85 ±10.48	77.4±8.2	0.881
HR at one minute after intubation	77.1 ±12.4	76.7 ±8	0.893
HR at 15 min	77.1 ±14.6	77.2 ±8.3	0.979
HR at 30 min	69.4 ±7.3	76.4 ±6.5	0.003*
HR at 45 min	68.3 ±7.7	76.8 ±7.6	0.001*
HR at 60 min	69.1 ±7.6	75.7 ±6.4	0.005*
HR at 75 min	66.6 ±7.4	75.1 ±6.3	0.001*
HR at 90 min	65.8 ±7.9	74.5 ±7.1	0.001*
HR at 105 min	66.3 ±8.9	75.9 ±8.1	0.001*
HR at 120 min	65.7 ±10.5	76.4 ±9.1	0.001*
HR at 135 min	72.9 ±12	76.4 ±11	0.350
HR at 150 min	75 ±11.9	77.2 ±9	0.523
HR at 165 min	75.7 ±9.5	80.7 ±7.3	0.069
HR at 180 min	78 ±10.7	82.4 ±7.1	0.118
HR at 195 min	81.4 ±9.1	85.8 ±6.7	0.181
HR at 210 min	73.9 ±12	78.4 ±11	0.350
HR at 225 min	76 ±11.9	77.2 ±9	0.523
HR at 240 min	76.7 ±9.5	81.7 ±7.3	0.069
HR at recovery	72.9(12)	76.4(11)	0.35

Table (3): Intraoperative mean arterial pressure MAP.

	Dex group N=20	Control group N=20	P-value
MAP at baseline	111 (9.2)	110.3 (8.2)	0.766
MAP at induction	100.1 (6.5)	104 (5.3)	0.045*
MAP at intubation	92.2 (5.6)	92.9 (11.2)	0.818
MAP at 15 min	89.7 (8.3)	101 (5.2)	<0.001*
MAP at 30 min	94.1 (6.2)	93.5 (3.6)	0.734
MAP at 45 min	92.8 (9.7)	104.8 (6.1)	<0.001*
MAP at 60 min	89.2 (4.1)	94 (3.1)	<0.001*
MAP at 75 min	82.6 (5.4)	82 (3.9)	0.666
MAP at 90 min	80.2 (7.4)	79.2 (5.8)	0.638
MAP at 105 min	81.5 (7.2)	82.6 (5.8)	0.599
MAP at 120 min	78.1 (7.8)	87.6 (4.3)	<0.001*
MAP at 135 min	88.1 (10.8)	91.7 (9.5)	0.277
MAP at 150 min	94.9 (9.2)	91.2 (9.3)	0.207
MAP at 165 min	98.2 (6.5)	97.5 (10.1)	0.803
MAP at 180 min	97.7 (7.9)	100.5 (9.1)	0.299
MAP at 195 min	100.2 (7.9)	101.1 (10.6)	0.520
MAP at 210 min	95.9 (9.2)	90.2 (9.3)	0.207
MAP at 225 min	97.2 (6.5)	95.5 (10.1)	0.803
MAP at 240 min	96.7 (7.9)	101.5 (9.1)	0.299
MAP at recovery	100.2 (7.9)	102.1 (10.6)	0.520

Table (4): Postoperative heart rate (HR).

	Dex group N=20	Control group N=20	P-value
HR at 2 hr	73 ±9.9	75.2 ±7	0.51
HR at 4 hr	74.3 ±10.9	76.2 ±8.1	0.49
HR at 6 hr	75.1 ±11.9	77.1 ±9.3	0.52
HR at 8 hr	75.5 ±7.9	78.2 ±6.4	0.52
HR at 10 hr	75.7 ±9.5	80.7 ±7.3	0.06
HR at 12 hr	76.6 ±8.1	82.7 ±6.3	0.09
HR at 14 hr	75.9 ±7.2	81.3 ±5.4	0.1
HR at 16 hr	78 ±10.7	80.4 ±7.1	0.12
HR at 18 hr	77.6 ±6.3	81.2 ±6.1	0.18
HR at 20 hr	79.2 ±10.7	80.3 ±7.2	0.17
HR at 22 hr	82.4 ±9.1	83.8 ±6.7	0.15
HR at 24 hr	83.5 ±6.1	80.8 ±7.7	0.14

Table (5): Postoperative mean arterial pressure (MAP).

	Dex group N=20	Control group N=20	P-value
MAP at 2 hr	94.9± 9.2	91.2± 9.3	0.207
MAP at 4 hr	94.2± 6.5	92.1± 10.1	0.803
MAP at 6 hr	95.7 ±7.9	93.5± 9.1	0.299
MAP at 8 hr	92.2 ±7.9	94.1± 10.6	0.520
MAP at 10 hr	98.2± 6.5	97.5 ±10.1	0.803
MAP at 12 hr	96.6 ±8.1	96.7 ±6.3	0.09
MAP at 14 hr	94.9 ±7.2	95.3 ±5.4	0.1
MAP at 16 hr	93.7 ±7.9	94.5 ±9.1	0.299
MAP at 18 hr	92.6 ±6.3	93.2 ±6.1	0.18
MAP at 20 hr	92 ±10.7	94.3 ±7.2	0.17
MAP at 22 hr	100.2± 7.9	102.1 ±10.6	0.520
MAP at 24 hr	101.5 ±6.1	102.8 ±7.7	0.14

Table (6): Recovery profile.

	Dex group N=20	Control group N=20	P-value
Extubation time (min.)	20.3 ±14.79	19.6± 10.63	0.86
Time to eye opening (min.)	22.9± 5.96	22.2± 6.2	0.43
Time to follow verbal commands (min.)	28.2± 12.72	28.65± 11.61	0.91
Time to have modified Alderete score ≥9 (min)	30.6± 16.92	26.95 ±11.72	0.72

Table (7): Postoperative VAS

	Dex group N=20	Control group N=20	P-value
VAS at 10 min	3.2± 0.7	4.1± 1.5	0.351
VAS at 30 min	4± 1.2	4.1±1.3	0.700
VAS at 60 min	4.1± 1.7	5.5± 1	0.003*
VAS at 90 min	4.1 ±0.8	5.6±1.5	<0.001*
VAS at 120 min	4.3 ±1	5.3 ±1.6	0.02*
VAS at 6h	4.7± 0.5	5.5 ±1.2	0.008*
VAS at 12h	4.4 ±1.3	5.2± 2	0.134
VAS at 24h	4.7 ±0.5	4.9± 1.9	0.657

Table (8): Time to first analgesic requirement and total dose of morphine.

	Dex group N=20	Control group N=20	P-value
Time to first analgesic requirement	30±2.1	8±2.5	<0.001*
postoperative total dose of morphine	20±3.2	40±7.4	<0.001*