

	LMA	ETT
Age (months)	6±4	4±2
Sex (male/female)	12:13	10:15
Ht (cm)	40±5	45±2
WT(kg)	15±6	12±4
Duration of surgery(mint)	55±5	60±4

(Table 1): demographic data.

Data presented as mean ±standard deviation.

Demographic data comparable between two group with no significant differences (p value >0.05).

Comparison between LMA and ETT regarding heart rate:

	IMA	ETT	P value
HR at baseline	116.96±9.973	117.16±10.250	0.945
HRimm after inser	132.00±10.336	141.52±9.798	0.002
2 minutes	131.88±10.227	141.32±9.886	0.002
3 minutes	123.56±9.730	128.92±9.354	0.053
10 minute	117.52±9.900	118.32±10.209	0.780
20 minute	117.16±9.694	117.68±10.107	0.853
30 minute	117.04±9.637	117.20±10.288	0.955
40 minute	117.16±9.907	117.24±10.175	0.978
50 minute	116.96±9.727	117.00±10.104	0.989
60 minute	116.92±9.691	117.00±10.206	0.977
5 minute after removal	119.60±9.908	121.36±10.531	0.546

Table (2): Comparison between LMA and ETT regarding heart rate

	LMA	ETT	P. VALUE
BPat baseline	55.28±5.192	55.32±5.113	0.978
BPimm after insertion	65.48±6.049	76.36±5.353	0.001
2 minutes	65.44±6.001	76.32±5.352	0.001
3 minutes	59.16±5.640	65.24±5.854	0.001
10 minute	55.00±5.362	55.52±4.942	0.723
20 minute	54.72±5.176	55.16±4.810	0.757
30 minute	54.76±5.158	55.08±4.760	0.821
40 minute	54.68±5.297	55.08±4.830	0.871
50 minute	54.64±5.291	55.04±4.817	0.781
60 minute	54.60±5.252	55.00±4.796	0.780
5 minute after	56.72±5.103	59.16±5.610	0.114

removal			
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Table (3): Comparison between LMA and ETT regarding mean blood pressure Data presented as mean $\pm$ standard deviation .

Comparison between LMA and ETT regarding IOP:

	LMA	ETT	P.VALUE
IOP at baseline	28.84 $\pm$ 7.122	28.88 $\pm$ 7.114	0.984
IOP imm after insertion	31.04 $\pm$ 7.214	39.96 $\pm$ 6.717	0.001
2 minutes	30.80 $\pm$ 7.124	38.80 $\pm$ 6.468	0.001
3 minutes	29.20 $\pm$ 7.065	32.72 $\pm$ 6.779	0.079
5 minute	28.52 $\pm$ 7.072	28.72 $\pm$ 7.039	0.921
IOP after removal	29.28 $\pm$ 7.608	31.48 $\pm$ 7.315	0.3

Table (4): Comparison between LMA and ETT regarding IOP Data presented as mean $\pm$ standard deviation.

ETT regarding complications:

	LMA	ETT	P.value
Airway trauma	0	0	-
aspiration	0	0	-
Gas leak	0	0	-
coughing	2(8%)	6(24%)	0.247
straining	2(8%)	7(28%)	0.06
Laryngospasm	0	1(4%)	0.312

Table (5): Comparison between LMA and ETT regarding complications Data presented as no. of cases and percentage.

