

SUPPLEMENTAL MATERIAL

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Effects of dexmedetomidine versus remifentanyl on mothers and neonates during cesarean section under general anesthesia
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Table 1. MAP and HR in the three groups.

	Group C (n = 40)	Group R (n = 39)	Group D (n = 38)	<i>P</i>
MAP (mmHg)				
Baseline	90.6 ± 9.1	89.7±11.3	89.2±8.7	0.388
Post induction	85.9 ±11.1	80.8±10.9**	90.5±9.7*	<0.001
Intubation/Skin incision	113.2±8.5	91.6±12.6**	105.6±13.2*	<0.001
Delivery	110.5±13.3	90.3±10.4**	99.7±12.5*	<0.001
HR (beats per minute)				
Baseline	85.0±6.7	84.7±5.6	85.4±6.1	0.883
Post Induction	84.3±10.1	82.0±11.9	64.5±11.7 **	<0.001
Intubation/Skin incision	116.3±13.1	86.0±14.4*	78.6.±12.1**	<0.001
Delivery	98.5±11.3	81.9±12.7*	73.6±9.1**	<0.001

P*<0.05 compared with the control group , *P*<0.05 compared with the control and remifentanyl groups .Values are presented as the mean ± standard deviation.

Table 2. Plasma catecholamine concentrations in the three groups.

	Group C (n = 40)	Group R (n = 39)	Group D (n = 38)	<i>P</i>
Epinephrine (pg/mL)				
Baseline	122.6±19.8	119.8±17.7	123.9±16.9	0.600
Post Induction	115.3±14.8	112.5±18.1	84.6±15.5 **	<0.001
Intubation/Skin incision	208.5±15.7	138.6±19.9*	118.3±18.1**	<0.001
Delivery	259.6±17.1	180.8±19.4*	147.2±16.3**	<0.001
Norepinephrine (pg/mL)				
Baseline	569.9±45.4	568.7±36.2	567.4±37.1	0.962
Post Induction	556.3±39.8	548.9±47.9	382.3±21.6 **	<0.001
Intubation/Skin incision	626.1±46.9	567.1±29.2*	436.2.±44.8**	<0.001
Delivery	721.3±37.4	601.2±48.8*	556.2.±31.3**	<0.001

P*<0.05 compared with the control group , *P*<0.05 compared with the control and remifentanyl groups .Values are presented as the mean ± standard deviation.

Fig. 2 and Fig. 3 were made according to Table 1 and Table 2 here.