

Table 2. Ventilation characteristics in ACV-group and VTV-group at 4, 8, 12, 16, 20 and 24 hours of life.

	<u>ACV</u>	<u>VTV</u>	<i>p</i> -value
4 hrs	n=60	n=44	
PIP, cm H ₂ O	16.0±3.3	14.2±3.9	<0.01
MAP, cm H ₂ O	7.4±1.1	6.6±1.3	<0.01
PEEP, cm H ₂ O	4.2±0.5	4.2±0.6	0.57
RR, breaths/min	61±2	62±6	0.16
V _{Te} , ml	-	2.8±0.9	-
FiO ₂	25±8	25±7	0.93
8hrs	n=58	n=39	
PIP, cm H ₂ O	15.2±3.2	12.1±2.7	<0.01
MAP, cm H ₂ O	7.2±1.1	5.9±0.9	<0.01
PEEP, cm H ₂ O	4.2±0.4	4.1±0.5	0.46
RR, breaths/min	61±3	62±5	0.15
V _{Te} , ml	-	2.7±1.0	-
FiO ₂ , %	24±7	26±7	0.23
12 hrs	n=57	n=36	
PIP, cm H ₂ O	14.3±2.8	12.0±3.1	<0.01
MAP, cm H ₂ O	6.9±0.9	6.0±0.9	<0.01
PEEP, cm H ₂ O	4.2±0.5	4.2±0.5	0.92
RR, breaths/min	61±4	61±6	0.42
V _{Te} , ml	-	2.7±0.9	-
FiO ₂ , %	24±4	26±6	0.06
16 hrs	n=55	n=34	
PIP, cm H ₂ O	13.8±2.7	12.5±3.0	<0.05
MAP, cm H ₂ O	6.9±1.0	6.1±1.0	<0.01
PEEP, cm H ₂ O	4.2±0.4	4.2±0.5	0.90

RR(breaths/min	60±6	62±6	0.32
V _T , ml	-	2.8±0.9	-
FiO ₂ , %	24±3	25±5	0.08
20 hrs	n=52	n=32	
PIP, cm H ₂ O	13.7±2.5	12.4±2.2	<0.05
MAP, cm H ₂ O	6.8±0.8	6.1±0.8	<0.01
PEEP, cm H ₂ O	4.2±0.6	4.3±0.4	0.71
RR, breaths/min	59±6	61±2	0.07
V _{Te} , ml	-	2.7±0.7	-
FiO ₂ , %	24±4	26±4	0.07
24 hrs	n=52	n=31	
PIP, cm H ₂ O	13.7±2.6	13.2±3.4	0.44
MAP, cm H ₂ O	6.8±1.0	6.4±1.1	0.06
PEEP, cm H ₂ O	4.2±0.4	4.3±0.7	0.38
RR, breaths/min	60±5	62±4	0.12
V _{Te} , ml	-	2.7±1.1	-
FiO ₂ , %	24±4	26±5	0.14

PIP= peak inspiratory pressure, MAP= mean airway pressure, PEEP= positive endexpiratory pressure, RR= respiratory rate, V_{Te}= Tidal volume, FiO₂= fraction of inspired oxygen. Data are presented as mean±SD.