

Supplemental Table 3: Mean arterial pressure, arterial blood gases and cumulative fluid volume administered during mechanical ventilation

	Groups	INITIAL	FINAL	Time effect	Group effect	Interaction
MAP (mmHg)				p=0.087	p<0.0001	-
	PSV	122 ± 23	114 ± 28			
	PCV _{VT}	116 ± 26	90 ± 26			
	PCV _{ΔPL}	139 ± 11	100 ± 31			
	PCV _{ΔPL} Ti	119 ± 16	98 ± 21			
PaO ₂ /FiO ₂				p=0.936	p=0.189	p=0.003
	PSV	321 ± 122	401 ± 92			
	PCV _{VT}	398 ± 91	312 ± 88			
	PCV _{ΔPL}	378 ± 105	467 ± 33*			
	PCV _{ΔPL} Ti	322 ± 20	374 ± 105			
pHa				p=0.342	p=0.249	-
	PSV	7.41 ± 0.07	7.35 ± 0.05			
	PCV _{VT}	7.36 ± 0.05	7.30 ± 0.09			
	PCV _{ΔPL}	7.40 ± 0.07	7.36 ± 0.06			

	PCV _{ΔPL} Ti	7.36 ± 0.16	7.43 ± 0.13			
PaCO ₂ (mmHg)				p=0.939	p=0.268	p=0.039
	PSV	36 ± 10	41 ± 6 [†]			
	PCV _{VT}	39 ± 6*	45 ± 7			
	PCV _{ΔPL}	43 ± 7*	38 ± 3			
	PCV _{ΔPL} Ti	39 ± 10	32 ± 3			
HCO ₃ ⁻ (mmol/L)				p=0.209	p=0.891	-
	PSV	22 ± 3	22 ± 3			
	PCV _{VT}	21 ± 3	21 ± 4			
	PCV _{ΔPL}	24 ± 4	21 ± 2			
	PCV _{ΔPL} Ti	22 ± 2	22 ± 7			
Cumulative Fluids (mL)				N/A	N/A	N/A
	PSV	-	12.5 ± 2.8			
	PCV _{VT}	-	11.0 ± 3.0			
	PCV _{ΔPL}	-	10.0 ± 3.5			

PCV_{ΔPL_{Ti}} - 10.8 ± 2.9

Supplemental Table 3: Mean arterial pressure, arterial blood gas analysis, and cumulative fluids obtained at INITIAL and FINAL. PSV: pressure-support ventilation adjusted to tidal volume (V_T) = 6 mL/kg; PCV_{VT}: pressure-controlled ventilation with the same V_T of pressure-support ventilation; PCV_{ΔPL}: pressure-controlled ventilation with dynamic ΔP_L similar to that achieved by pressure-support ventilation; PCV_{ΔPL_{Ti}}: pressure-controlled ventilation with dynamic ΔP_L and inspiratory time (T_i) similar to that achieved by pressure-support ventilation; N/A: not applicable; MAP: mean arterial pressure; PaO_2/FiO_2 : arterial oxygen partial pressure divided by fraction of inspired oxygen; pH_a: arterial pH; $PaCO_2$: arterial carbon dioxide partial pressure; HCO_3^- : bicarbonate. Values represent mean ± standard deviation (SD) of 8 animals in each group. Comparisons were done using a mixed linear model followed by Bonferroni's multiple comparisons ($p < 0.05$). *, vs PSV; † vs INITIAL ($p < 0.05$).