

Additional file 2

Table S1 Clinical and blood gas analysis variables before and during the spontaneous breathing trial

	Before SBT		<i>p</i> value	30 min after starting SBT		<i>p</i> value
	Weaning success	Weaning failure		Weaning success	Weaning failure	
	(n=36)	(n=15)		(n=36)	(n=15)	
Clinical variables						
Heat rate, beats/min	92 (79-98)	95 (84-104)	0.475	88 (79-101)	98 (91-101)	0.396
Systolic blood pressure, mmHg	133 (121-143)	132 (119-141)	0.664	138 (119-149)	149 (132-155)	0.104
Diastolic blood pressure, mmHg	69 (61-74)	64 (59-73)	0.656	65 (57-75)	66 (60-83)	0.426
Mean arterial pressure, mmHg	90 (80-97)	88 (77-98)	0.918	87 (80-94)	94 (90-98)*	0.086
Respiratory rate, beats/min	16 (15-19)	14 (13-18)	0.191	19 (18-23)*	19 (17-24)*	0.917
SpO ₂ , %	100 (99-100)	100 (99-100)	0.68	100 (100-100)	100 (99-100)	0.134
Tidal volume, mL	474 (422-548)	452 (409-497)	0.62	496 (433-573)	462 (418-489)	0.301
Blood gas analysis variables						
pH	7.44 (7.4-7.46)	7.44 (7.41-7.46)	0.901	7.43 (7.4-7.46)	7.41 (7.4-7.45)	0.62
PaO ₂ , mmHg	129 (106-150)	133 (115-141)	0.78	130 (108-158)	98 (85-142)	0.109
PaCO ₂ , mmHg	40 (35-43)	44 (36-49)	0.215	38 (36-43)	45 (33-50)	0.341
HCO ₃ ⁻ , mmol/L	26.1 (23.6-29)	29.1 (24.9-30.5)	0.247	25 (23.6-28.5)	28.2 (24.4-32.9)	0.137
Lactate, mmol/L	1.4 (1.2-1.8)	1.5 (1.4-1.6)	0.347	1.5 (1-1.7)	1.5 (1.3-1.9)	0.172

SBT spontaneous breathing trial; *SpO₂* pulsed oxygen saturation

**p* < 0.05 30 min after starting SBT vs. before SBT