

Supplemental Table 2. Blood oxygen parameters in pigs that lived and pigs that died after polytrauma and resuscitation.

	B			S45-B			FR2-S45		
	Lived (n=17)	Died (n=15)	p	Lived (n=17)	Died (n=13)	p	Lived (n=17)	Died (n=6)	p
PaO ₂	112 (95,120)	109 (99,116)	0.911	-1.5 (-12.5,7.5)	-31 (-39,-20)	0.001*	-13 (-31.6,-4)	-16.5 (-30,14)	0.693
DO ₂	17.5 (15.1,20.1)	17.9 (12.9,20.2)	0.710	-12.0 (-15.1,8.6)	-16.1 (-17.5,-12.8)	0.169	5.0 (3.4,5.8)	4.7 (2.0,9.3)	1.000
ERO ₂	21.4 (21.4,25.3)	25.4 (23.5,31.6)	0.071	55.4 (46.9,63.8)	64.0 (56.4,66.4)	0.074	-30.1 (-36.7,-19.4)	-31.8 (-42.5,-20.8)	0.677
VO ₂ (ml O ₂ /min)	3.86 (3.38,4.41)	4.33 (3.39,4.85)	0.336	0.01 (-1.05,1.76)	-0.40 (-3.55,0.21)	0.169	0.75 (-0.01,2.46)	0.77 (0.27,0.98)	0.850
SvO ₂ (ml O ₂ /min)	77 (74,77)	74 (67,78)	0.114	-56 (-63,-48)	-64 (-69,-57)	0.029*	25 (18.5,34)	21.5 (16,34)	0.802
PvO ₂	43 (39,46)	40 (37,46)	0.455	-22 (-26,-17)	-24 (-31,-21)	0.161	10 (8,15)	10 (5,16)	1.000
P:F ratio [#]	456 (420,509)	469 (449,505)	0.655	-3 (-52,34)	-136 (-161,-86) [#]	0.002*	-52 (-140,-23)	-107 (-155, 36)	0.858

Data is presented as median (interquartile range). DO₂ delivered oxygen, ERO₂ oxygen extraction ration, PaO₂ arterial partial pressure of oxygen, PvO₂ venous partial pressure of oxygen, P:F ratio PaO₂/FiO₂ ratio, VO₂ systemic oxygen consumption, SvO₂ mixed venous oxygen saturation. * p<0.05 in survivors versus non-survivors for the same time point/interval. [#] As a marker of acute respiratory failure, P:F ratio was compared at single time points (B, S45, FR2), not time intervals.