

		Baseline	4 h	8 h	12 h	16 h	20 h	24 h
<u>Survival rate</u>								
	Control group	10	10	10	10	10	10	10
	TNF α -200	10	10	10	9	8	8	8
	TNF α -600	10	10	10	10	10	9	8
<u>pH</u>								
	Control group	7.43 $\pm$ 0.05	7.46 $\pm$ 0.03	7.48 [#] $\pm$ 0.03	7.46 $\pm$ 0.04	7.47 $\pm$ 0.02	7.46 $\pm$ 0.04	7.40 $\pm$ 0.05
	TNF α -200	7.43 $\pm$ 0.03	7.43 $\pm$ 0.08	7.44 $\pm$ 0.06	7.36 [*] $\pm$ 0.10	7.39 $\pm$ 0.06	7.39 $\pm$ 0.06	7.26 ^{*#} $\pm$ 0.10
	TNF α -600	7.43 $\pm$ 0.04	7.48 $\pm$ 0.04	7.44 $\pm$ 0.05	7.41 $\pm$ 0.06	7.41 $\pm$ 0.09	7.44 $\pm$ 0.09	7.37 $\pm$ 0.09
<u>Base excess</u>								
	Control group	1.7 $\pm$ 1.8	-0.6 [#] $\pm$ 2.1	-0.2 [#] $\pm$ 1.2	1.6 $\pm$ 1.8	-1.2 [#] $\pm$ 1.8	-2.0 [#] $\pm$ 2.3	-2.3 [#] $\pm$ 2.0
	TNF α -200	1.0 $\pm$ 2.4	-1.7 $\pm$ 2.7	-7.4 ^{*#} $\pm$ 3.7	-6.8 ^{*#} $\pm$ 6.4	-5.8 [#] $\pm$ 4.1	-7.2 ^{*#} $\pm$ 4.1	-8.0 ^{*#} $\pm$ 4.9
	TNF α -600	1.0 $\pm$ 1.9	0.1 $\pm$ 1.8	-5.6 ^{*#} $\pm$ 3.6	-5.6 ^{*#} $\pm$ 3.2	-8.3 ^{*#} $\pm$ 3.7	-7.6 ^{*#} $\pm$ 4.0	-6.2 [#] $\pm$ 4.2
<u>Lactate [mmol/l]</u>								
	Control group	0.9 $\pm$ 0.3	0.6 $\pm$ 0.1	0.9 $\pm$ 0.3	0.9 $\pm$ 0.2	0.8 $\pm$ 0.2	0.7 $\pm$ 0.2	1.3 $\pm$ 0.9
	TNF α -200	0.9 $\pm$ 0.2	1.5 ^{*#} $\pm$ 0.4	1.3 [#] $\pm$ 0.5	1.5 [#] $\pm$ 0.5	1.3 ^{*#} $\pm$ 0.3	1.3 [#] $\pm$ 0.3	1.6 [#] $\pm$ 0.3
	TNF α -600	0.7 $\pm$ 0.1	1.3 ^{*#} $\pm$ 0.2	1.6 ^{*#} $\pm$ 0.5	2.0 ^{*#} $\pm$ 0.5	1.9 ^{*#} $\pm$ 0.4	1.9 ^{*#} $\pm$ 0.6	2.3 [#] $\pm$ 1.0
<u>Partial pressure of oxygen [mmHg]</u>								
	Control group	83.6 $\pm$ 12.8	85.7 $\pm$ 11.5	97.9 $\pm$ 16.4	84.9 $\pm$ 10.8	94.1 $\pm$ 15.3	87.5 $\pm$ 15.5	84.8 $\pm$ 17.0
	TNF α -200	96.8 $\pm$ 2.4	96.4 $\pm$ 2.7	111 $\pm$ 3.7	103 $\pm$ 6.4	108 $\pm$ 4.1	107 $\pm$ 4.1	78.4 $\pm$ 4.9
	TNF α -600	84.3 $\pm$ 1.9	96.9 $\pm$ 1.8	110 $\pm$ 3.6	106 $\pm$ 3.2	115 [#] $\pm$ 3.7	97.0 $\pm$ 4.0	90.0 $\pm$ 4.2
<u>Partial pressure of carbon dioxide [mmHg]</u>								
	Control group	40.4 $\pm$ 7.3	32.7 $\pm$ 2.8	31.6 [#] $\pm$ 3.3	35.3 $\pm$ 4.4	31.1 [#] $\pm$ 3.1	30.7 $\pm$ 3.7	37.6 $\pm$ 4.0
	TNF α -200	36.0 $\pm$ 4.6	35.3 $\pm$ 9.4	25.2 [#] $\pm$ 3.8	31.8 $\pm$ 5.0	29.7 $\pm$ 4.2	27.5 $\pm$ 4.5	39.8 $\pm$ 11.5
	TNF α -600	36.2 $\pm$ 5.8	32.2 $\pm$ 3.9	27.0 [#] $\pm$ 4.8	28.5 ^{*#} $\pm$ 3.7	28.5 [#] $\pm$ 5.0	27.5 [#] $\pm$ 3.2	31.8 $\pm$ 7.3

Cardiac Output
[ml/min]

Control group	92.3 ± 16.3	102 ± 31.1	105 ± 40.4	97.7 ± 14.9	106 ± 23.6	136 [#] ± 52.9	167 [#] ± 66.5
TNFα-200	82.6 ± 16.2	71.8 ± 13.1	82.8 ± 15.4	98.5 ± 10.1	131 [#] ± 31.4	134 [#] ± 15.5	140 [#] ± 17.1
TNFα-600	82.8 ± 9.6	85.2 ± 20.1	76.9 ± 20.2	104 ± 29.3	108 ± 25.7	111 ± 29.8	139 [#] ± 22.3

Supplementary Table Survival rate, blood gas analysis and cardiac output: * p<0.05 vs. Control group, # p<0.05 vs. corresponding baseline.

TNFα-200 = 200μg/kg/BW TNFα, TNFα-600 = 600 μg/kg/BW TNFα. Data are given as means ± CIs