

SUPPLEMENTARY TABLE 1. PHYSIOLOGICAL PARAMETERS<sup>a</sup>

	<i>Sham-vehicle</i>	<i>Sham-A20</i>	<i>TBI-vehicle</i>	<i>TBI A20</i>
15 min pretrauma				
pH	7.41 ± 0.01	7.43 ± 0.01	7.40 ± 0.01	7.41 ± 0.01
pCO <sub>2</sub>	40.5 ± 0.34	41.68 ± 0.96	42.09 ± 0.85	39.83 ± 0.72
pO <sub>2</sub>	144 ± 8.65	156.2 ± 13.09	162.3 ± 6.42	155 ± 9.86
MABP	132 ± 2.47	128.16 ± 3.40	123.46 ± 2.72	123.9 ± 3.23
Brain temperature	36.8 ± 0.26	36.96 ± 0.13	36.81 ± 0.08	37.12 ± 0.07
Rectal temperature	36.8 ± 0.31	36.88 ± 0.10	36.88 ± 0.11	36.93 ± 0.10
15 min post-trauma				
pH	7.43 ± 0.01	7.45 ± 0.01	7.44 ± 0.01	7.43 ± 0.01
pCO <sub>2</sub>	39.0 ± 0.98	37.96 ± 0.31	38.45 ± 0.63	38.22 ± 0.62
pO <sub>2</sub>	141.2 ± 13.09	154.8 ± 10.93	148.50 ± 9.81	139.8 ± 5.49
MABP	130.4 ± 2.69	126.6 ± 2.36	107.15 ± 2.17	115.8 ± 3.72
Brain temperature	36.74 ± 0.20	36.86 ± 0.10	36.89 ± 0.09	36.76 ± 0.12
Rectal temperature	36.72 ± 0.12	37.02 ± 0.08	36.87 ± 0.07	36.83 ± 0.07
30 min post-trauma				
pH	7.44 ± 0.01	7.44 ± 0.01	7.44 ± 0.01	7.43 ± 0.01
pCO <sub>2</sub>	39.2 ± 0.98	39.38 ± 0.38	38.7 ± 0.80	38.17 ± 0.48
pO <sub>2</sub>	141.2 ± 9.89	152.2 ± 14.87	138.3 ± 7.70	139.8 ± 6.81
MABP	126.8 ± 3.61	123.52 ± 3.88	104.14 ± 3.77	118.9 ± 4.04
Brain temperature	36.98 ± 0.02	36.84 ± 0.08	36.94 ± 0.05	36.95 ± 0.07
Rectal temperature	37.02 ± 0.05	36.78 ± 0.15	36.88 ± 0.07	36.97 ± 0.09

All physiological variables were within normal ranges before and after TBI.

<sup>a</sup>Mean ± standard error of the mean.

MABP, mean arterial blood pressure; TBI, traumatic brain injury.