**Supplemental Table 1. Hemodynamics and biochemistry.**

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| Parameter | Control | Sepsis | Vagus |
| MAP (mm Hg) | 70.5 (7.5, 13) | 71.5 (8.5, 24) | 73 (5, 12) |
| MPAP (mm Hg) | 24.5 (4, 20) | 25 (4.5, 39) | 26 (3, 11) |
| CVP (mm Hg) | 12 (3, 6) | 12 (4.5, 11) | 14 (3, 7) |
| PAOP (mm Hg) | 12.5 (4.5, 7) | 10 (4, 7) | 12 (1, 5) |
| Arterial pH | 7.46 (0.06, 0.16) | 7.37 (0.21, 0.41) # | 7.39 (0.05, 0.20) # |
| Arterial pCO2 (kPa) | 5.2 (0.8, 2.9) | 5.6 (0.7, 3.1) | 4.8 (0.5, 1.9) $ |
| Arterial pO2 (kPa) | 12.2 (4.6, 6.5) | 15.0 (2.6, 10.4) | 17.9 (5.3, 7.1) # |
| Arterial HCO3- (mmol/L) | 26.2 (3.2, 5) | 22 (7.3, 15.9) | 23 (1.5, 5.2) |
| Arterial BE (mmol/L) | 2.2 (3.8, 5.8) | -1.9 (9.1, 20.9) | -1.6 (1.3, 6.0) |
| Venous pH | 7.43 (0.03, 0.08) | 7.36 (0.08, 0.39) # | 7.36 (0.03, 0.17) # |
| Venous pCO2 (kPa) | 6.0 (0.7, 1.5) | 6.9 (0.8, 6.1) # | 6.3 (0.6, 2.1) |
| Venous pO2 (kPa) | 4.2 (1.2, 1.8) | 6.4 (1.1, 4.7) # | 6.8 (0.9, 1.6) # |
| Venous HCO3- (mmol/L) | 28.1 (2.0, 3.8) | 26.0 (3.5, 8.2) | 24.8 (1.0, 3.9) # |
| Venous BE (mmol/L) | 4.5 (2.3, 4.6) | 1.9 (3.8, 14.9) # | 0.7 (1.3, 4.5) # |
| Glycemia (mmol/L) | 4.1 (1.2, 1.8) | 3.9 (1.4, 4.4) | 3.8 (0.6, 1.4) |
| 8-Isoprostane (ng/ml) | 25.1 (30.6, 72.1) | 35.25 (141.55, 221.4) | 28.7 (7.9, 28.1) |
| Body temperature (°C) | 39.3 (1.5, 3.1) | 41.2 (1.9, 3.4) # | 41.1 (0.4, 3.1) # |
| Plasma creatinine (µmol/L) | 83 (27, 58) | 122.5 (125, 187) | 110 (36, 82) |
| Urine output (ml/kg/h) | 1.37 (0.81, 1.4) | 1.42 (0.61, 2.16) | 1.52 (0.47, 1.13) |

MAP, mean arterial pressure; MPAP, mean pulmonary artery pressure; CVP, central venous pressure; PAOP, pulmonary artery occlusion pressure; BE, base excess. Values at the end of experiment.

Data presented as median (interquartile range, range). #, p<0.05 vs. control. $, p<0.05 vs. sepsis.