

Supplemental Material

Table S1: Physiological Parameters, previously published as indicated. Data are given as median (interquartile range)

		baseline	24 h peritonitis
Noradrenaline infusion rate ¹ ($\mu\text{g}/(\text{kg} \cdot \text{min})$)	sham	0.06 (0.02; 0.13)	
	sepsis	1.23 (0.66; 3.26) ^a	
Hydroxyethyl starch infusion rate (mL/min)	sham	3 (2; 4)	
	sepsis	10 (10;12) ^a	
Heart rate ² (L/min)	sham	88 (73; 104)	102 (68; 115)
	sepsis	88 (74; 106)	156 (140; 166) ^{a,b}
Mean arterial pressure ² (mmHg)	sham	100 (90; 106)	103 (94; 119)
	sepsis	103 (91; 112)	71 (62; 101) ^{a,b}
Central venous pressure ² (mmHg)	sham	8 (7; 13)	10 (9; 17) ^b
	sepsis	10 (6; 13)	17 (14; 18) ^b
Cardiac output ¹ (mL/(kg $\cdot$ min))	sham	61 (52; 79)	64 (42; 92)
	sepsis	64 (52; 69)	87 (62; 130) ^b
Stroke volume ² (mL)	sham	50 (46; 59)	47 (43; 54)
	sepsis	44 (39; 67)	42 (31; 66)
Ejection fraction ² (%)	sham	45 (44; 49)	39 (34; 49)
	sepsis	50 (41; 61)	60 (40; 78)
Left ventricular end-diastolic volume (LVEDV) ² (mL)	sham	116 (102; 129)	131 (97; 168)
	sepsis	94 (78; 118)	86 (62; 114)
Pulmonary artery occlusion pressure (PAOP) ² (mmHg)	sham	9 (7; 16)	11 (7; 16)
	sepsis	11 (6; 13)	18 (16; 20)
Arterial pH ³	sham	7.46 (7.44; 7.46)	7.44 (7.43; 7.46)
	sepsis	7.45 (7.43; 7.48)	7.37 (7.19; 7.43) ^{a,b}
Base excess ³	sham	1.1 (0.8; 1.8)	-0.1(-1.45; 0.65)
	sepsis	1.5 (0.4; 2.3)	-8.5 (-14.6; -3.7) ^{a,b}
Lactate ³ (mmol/L)	sham	1.4 (1.0; 1.6)	0.6 (0.6; 1.2)
	sepsis	0.8 (0.6; 1.5)	6.1 (2.0; 10.7) ^{a,b}
Urine output ³ (ml/(kg $\cdot$ h))	sham	n.d.	8 (6;11)
	sepsis	n.d.	4 (2; 5) ^a
Plasma creatinine ³ ($\mu\text{mol}/\text{L}$)	sham	n.d.	89 (79; 92)
	sepsis	n.d.	126 (110; 138) ^a
Creatinine Clearance ³ (mL/min)	sham	n.d.	112 (105; 121)
	sepsis	n.d.	56 (35; 84) ^a
Neutrophil gelatinase associated lipocalin ³ ng/g _{protein})	sham	1.8 (1.6; 1.9)	6.4 (6.4; 6.9) ^b
	sepsis	1.4 (1.1; 2.0)	35.0 (18.8; 56.7) ^{a,b}

1 previously published in Merz *et al. Intensive Care Medicine Experimental* (2017) 5:17

2 previously published in Nußbaum *et al. Intensive Care Medicine Experimental* (2016) 4:14

3 previously published in Merz *et al. Intensive Care Medicine Experimental* (2018) 6:43

a significant to sham

b significant to baseline