

Supplemental Digital Content 3. Cytokines and Inflammatory Markers.

Parameter	group	before hemorrhage	after 3h of shock	12 h of resuscitation	24 h of resuscitation	36 h of resuscitation	48 h of resuscitation
IL-1β (pg·mL ⁻¹)	control	10 (10; 10)	12 (10; 14) ^a	14 (10; 22) ^a	12 (10; 15) ^a	16 (10; 44)	15 (10; 71)
	hyperoxia	10 (10; 10)	10 (10; 11) ^a	10 (10; 10) ^a	10 (10; 11) ^a	10 (10; 12)	10 (10; 11)
IL-6 (pg·mL ⁻¹)	control	101 (68; 184) ^a	282 (215; 574) ^b	106 (68; 112)	118 (79; 367)	196 (86; 637)	116 (77; 509)
	hyperoxia	55 (40; 87) ^a	206 (119; 326) ^b	68 (54; 90)	113 (83; 170)	199 (111; 285)	175 (87; 226)
IL-10 (pg·mL ⁻¹)	control	10 (10; 11.5)	12 (10; 15)	10 (10; 12)	10 (10; 13)	13 (10; 21)	15 (13; 18) ^b
	hyperoxia	10 (10; 10)	10 (10; 12)	10 (10; 10)	10 (10; 11)	10 (10; 15)	12 (10; 15)
TNF-α (pg·mL ⁻¹)	control	18 (14; 28)	25 (22; 43)	15 (13; 27)	33 (17; 62)	64 (40; 93) ^b	73 (42; 117) ^b
	hyperoxia	15 (10; 32)	32 (20; 38)	13 (10; 31)	23 (12; 38)	39 (27; 62)	51 (33; 78) ^b
8-Isoprostane (pg·mL ⁻¹)	control	68 (56;84)	96 (78;136)	116 (89; 160) ^b	121 (69; 170) ^b	118 (74; 195) ^b	142 (73; 191) ^b
	hyperoxia	79 (72;85)	91 (84; 122)	85 (79; 146)	90 (84; 121)	124 (87; 156) ^b	113 (73; 125)
Nitrite+Nitrate (μmol L ⁻¹)	control	2.5 (1.7; 5.3)	4.1 (2.4; 6.5)	4.9 (3.3; 6.9)	8.8 (6.0; 14.4) ^b	15.7 (10.0; 21.7) ^b	16.8 (9.4; 22.8) ^b
	hyperoxia	2.1 (0; 5.4)	5.0 (0.3;15.8)	5.5 (0.3; 8.1)	8.7 (1.3; 10.2)	11.7 (7.8; 16.2)	14.8 (10.0; 27.4) ^b

All data are median (quartiles). IL: interleukin; TNF- α : tumor necrosis factor alpha. ^a p<0.05 vs. control group. ^b: p<0.05 vs. baseline (before hemorrhage) within each group.