

TABLE

No. of Exper.	Body weight kg	No.* of B.E.	Hct	Hb g/100 ml	H. R. beats/min	A.M.P. mmHg	R.V. ed mmHg	C. I. L/min/m ²	C.B.V. ml/kg	SvO ₂ %	ΔCa-v _e ₂ vol %	O ₂ -CONS ml/min/m ²	LACTATE mg/100 ml	pHa
1	13.6	26	40.0	14.4	184	140	4	6.10	19.4	81	3.37	206	8.3	7.37
			10.0	3.5	200	155	4	7.89	16.0	80	1.18	93	7.6	7.32
			6.0	2.2	208	140	8	6.80	15.7	47	1.52	103	7.8	7.30
			4.5	1.5	180	115	12	4.47	16.5	5	2.07	93	10.2	7.11
2	12.4	19	35.7	12.0	198	145	3	3.52	14.4	69	5.49	193	4.2	7.37
			17.4	5.9	216	145	4	5.26	16.4	67	2.94	154	3.6	7.32
			12.0	4.0	216	125	4	5.53	17.4	62	1.66	92	3.2	7.31
			8.7	3.0	210	80	9	4.23	14.9	26	2.57	109	19.6	7.27
			5.7	2.0	192	66	11	3.25	11.8	16	2.14	69	43.1	7.20
3	11.2	24	44.5	15.0	184	145	4	2.07	15.0	68	5.81	120	6.5	7.39
			24.0	8.0	220	140	4	3.14	15.6	43	5.49	172	5.0	7.33
			13.0	5.2	210	125	4	3.95	16.2	41	3.64	144	7.4	7.32
			8.5	2.8	216	120	8	3.71	13.9	41	2.13	79	12.1	7.27
			6.8	2.5	204	90	10	3.60	13.7	29	2.14	79	30.2	7.22
4	14.2	20	37.0	12.8	180	137	3	2.71	14.2	68	5.10	138	6.1	7.40
			19.0	6.4	208	125	6	4.33	14.8	71	2.52	109	7.0	7.36
			10.0	3.6	200	120	7	4.47	15.2	45	2.31	152	8.6	7.32
			7.0	2.5	188	106	6	4.88	15.7	26	2.19	107	17.1	7.31
			5.0	2.0	144	95	12	2.06	12.9	11	2.44	50	34.0	7.28
5	12.4	20	40.3	13.5	168	150	4	4.20	18.3	80	3.67	154	5.8	7.39
			18.0	5.8	184	135	4	6.96	19.0	76	2.36	164	4.5	7.37
			10.0	3.2	200	130	5	7.15	18.9	67	1.64	117	4.2	7.33
			6.0	2.2	180	120	6	5.11	17.0	41	1.77	91	11.4	7.32
			4.6	1.6	152	80	9	4.43	17.3	24	2.07	92	31.8	7.26
6	12.5	30	38.0	13.0	192	140	4	2.20	13.9	60	6.72	148	8.8	7.38
			19.5	6.9	200	140	6	4.98	14.4	62	1.84	92	7.9	7.32
			10.0	3.5	212	130	10	4.68	16.2	61	1.99	93	10.0	7.30
			5.5	1.8	180	80	14	3.51	16.5	13	2.11	74	28.3	7.22
7	14.0	21	30.5	10.7	204	135	2	4.90	21.8	66	4.81	235	12.0	7.41
			13.5	4.7	212	135	13	8.48	22.0	71	1.99	169	13.5	7.36
			9.0	3.2	240	125	15	7.40	19.2	65	1.42	105	15.6	7.35
			5.0	1.8	208	102	17	4.02	16.6	34	1.88	76	36.2	7.23
8	11.9	20	43.5	13.2	172	130	3	3.88	15.9	78	3.74	145	9.5	7.40
			22.0	7.3	200	140	5	7.60	24.5	79	2.31	176	9.9	7.39
			13.5	4.5	198	130	8	6.93	23.1	71	2.03	141	11.2	7.34
			11.0	3.7	192	130	9	5.71	20.4	64	1.80	103	20.0	7.31
			8.0	2.7	188	125	13	5.17	21.3	58	1.51	78	41.8	7.26
Correlation coefficient with Hb			above 4.0 g/100 ml level of significance	r = -0.72 p < 0.01	r = 0.05 0.01 < p < 0.025	r = -0.51 0.02 < p < 0.05	r = -0.61 p < 0.01	r = -0.33 0.20 > p > 0.10	r = 0.31 p > 0.20	r = 0.72 p < 0.01	r = 0.29 p > 0.20	r = 0.02 p > 0.20	r = 0.72 p < 0.01	
			below 4.0 g/100 ml level of significance	r = 0.54 p < 0.01	r = 0.58 p < 0.01	r = -0.42 0.01 < p < 0.02	r = -0.51 0.01 < p < 0.02	r = 0.29 p > 0.20	r = 0.80 p < 0.01	r = -0.27 p > 0.20	r = 0.57 0.01 < p < 0.025	r = -0.48 0.025 < p < 0.05	r = 0.69 p < 0.01	
The Hb value at the flection point (g/100 ml)				3.7	3.3	4.3	3.9	5.0	3.5	2.8	5.5	4.1	3.7	

* Number of blood exchanges performed until cardiac arrest

Abbr.... Hb.: Hemoglobin content, H. R.: Heart rate, A. P. M.: Arterial mean pressure, R.V. ed.: Right ventricular end diastolic pressure, C. I.: Cardiac index, C. B. V.: Central blood volume, SvO₂: Venous hemoglobin oxygen saturation, ΔCa-v_e₂: Arteriovenous oxygen content difference, O₂-CONS: Oxygen consumption, LACTATE: Arterial lactate value, pHa: Arterial blood pH.