

TABLE 93.—The influence of oxygen administration upon percentage saturation and oxygen content of the blood of dogs gassed with phosgene (50 to 60 parts per million) (0.21 to 0.26 mgm. per liter)

No.	Time	Capacity	Arterial content	Venous content	Arterial percentage saturation	Venous percentage saturation	Hemoglobin	Remarks
116	11.00	20.8	17.8	12.0	85.0	57.6	90	Normal; breathing air; Aug. 12. Gassed 3.10 p. m., Aug. 12.
	9.00	23.8	20.7	7.3	87.0	30.7	150	Breathing air, Aug. 13.
	10.00	23.2	21.3	6.4	92.0	27.6	170	Breathing oxygen.
	11.00	22.5	19.9	7.4	88.0	32.9	120(?)	Breathing oxygen.
	2.30	22.5	17.9	5.4	79.0	24.0	130	Breathing air.
	3.45	22.0	18.4	10.0	83.0	45.4	130	Breathing oxygen.
	4.30	20.2	16.6	5.9	82.0	29.0	140	Breathing oxygen.
118	1.15	25.3	23.0	17.6	91.0	69.6	90	Normal; breathing air; Aug. 12. Gassed, 2.16 p. m., Aug. 13.
	9.10	29.1	25.4	10.0	87.0	34.3	130	Breathing air, Aug. 14.
	10.10	27.6	25.7	15.7(?)	83.0	57.0	140	Breathing oxygen.
	11.15	27.6	25.5	11.4	83.0	41.3	140	Breathing oxygen.
	12.00	27.7	7.0	2.9	25.0	10.4	140	Breathing air.
	3.00	24.8(?)	18.4	3.1	74.0	12.7	140	Breathing air.
	4.00	27.9	23.4	7.3	84.0	26.1	140	Breathing oxygen.
	4.15	27.9	10.9		39.0		140	Breathing air.
121	9.00	10.9	9.5	4.3	87.0	39.7	80	Normal; breathing air; Aug. 15.
	12.00	10.1	9.1	2.9	90.0	28.7	80	Normal, breathing air, Aug. 15. Gassed, 8.59 a. m., Aug. 16.
	2.30	14.6	7.5	0.7(?)	51.0	4.7	90	Breathing air.
	3.35	14.0	10.9	3.0	78.0	21.4	80	Breathing oxygen.
	4.20	14.8	11.9	1.3	81.0	8.8	80	Breathing oxygen.
	4.30	14.8	2.9		24.0			Breathing air
123	11.30	14.9	13.7	2.5	92.0	17.8	80	Normal; breathing air; Aug. 16. Gassed, 3.57 p. m., Aug. 16.
	9.00	18.3	15.4	1.7	84.0	9.3	140	Breathing air, Aug. 17.
	9.45	20.3	17.6	2.6	86.0	12.8	150	Breathing oxygen.
	11.00	20.3	15.2	1.5	74.0	7.4	145	Breathing oxygen.
	11.30	20.3	6.8		33.0		145	Breathing air.
126	9.15	18.0	16.7	10.0	92.7	55.5	90	Normal; breathing air; Aug. 19. Gassed, 2.13 p. m., Aug. 20.
	11.25	24.7	23.8	12.1	96.3	49.0	135	Breathing air, Aug. 21.
	12.00	23.4	24.0(?)	10.7	100.0	45.8	135	Breathing oxygen.
	12.23	24.0	24.2		100.0		135	Breathing oxygen.
	12.40	24.0	23.7	10.2	99.0	42.0	130	Breathing oxygen.
	1.05	24.0	21.2		88.0		130	Breathing air.
	10.15	21.9	19.1	8.4	82.6	38.3	110	Breathing air, Aug. 22.
131	11.40	21.6	13.2	12.0	61.1	55.5	120	Normal; breathing air; Aug. 22. Gassed, 9.52 a. m., Aug. 23.
	11.45	17.9	17.5	8.0	97.7	44.6	120	Breathing air.
	2.45	20.7	19.6	8.2	94.8	40.0	120	Breathing air.
	3.20	20.5	19.2	8.3	93.6	41.2	120	Breathing oxygen.
	3.45	20.2	21.3	11.7	100.0	57.9	120	Breathing oxygen.
	4.10	20.5	20.5		100.0		120	Breathing oxygen.
	4.35	23.3	20.2	13.1(?)	86.7	56.2	120	Breathing air.
	12.00	23.7	20.4	2.5	86.0	10.5	120	Breathing air, Aug. 24.
134	10.30	21.3	20.9	8.4	93.0	39.0	100	Normal; breathing air; Aug. 26. Gassed, 11 a. m., Aug. 26.
	8.45	27.5	14.6	7.3	53.0	27.0		Breathing air, Aug. 27.
	9.20	27.0	23.2	8.0	85.0	29.0	120	Breathing oxygen.
	9.50	26.4	20.9	12.1	79.0	45.0	140	Breathing oxygen.
	10.25	26.0	19.9	10.7	76.0	41.0	140	Breathing oxygen.
	11.30	25.3	13.6		53.0		140	Breathing air.
135	11.30	11.2	9.8	6.2	87.0	55.0	100	Normal; breathing air; Aug. 26. Gassed, 4.29 p. m., Aug. 26.
	2.15	17.0	12.9		76.0		100	Breathing air.
	2.40	16.6	11.9	1.1	71.0	6.0	120	Breathing oxygen.
	3.25	16.2	14.1	2.1	87.0	12.0	120	Breathing oxygen.
	4.30	16.1	9.3		51.0		120	Breathing air.
136	3.00	18.6	16.8	2.7(?)	90.0	14.0	120	Normal; breathing air; Aug. 26. Gassed 9.06 a. m., Aug. 27.
	9.00	21.5	17.2	5.9	80.0	27.0	130	Breathing air, Aug. 28.
	9.40	21.5	19.5	9.6	90.0	44.0	140	Breathing pure oxygen.
	10.05	21.5	21.7	7.8	100.0	36.0	135	Breathing pure oxygen.
	10.30	21.5	16.8	5.1	78.0	23.0	130	Breathing air.