

TABLE 92.—*The influence of oxygen administration upon the percentage saturation and oxygen content of the blood of dogs gassed with phosgene (71 to 80 parts per million) (0.31 to 0.35 mgm. per liter)*

No.	Time	Capacity	Arterial content	Venous content	Arterial percentage saturation	Venous percentage saturation	Hemoglobin	Remarks
89	3.00	16.2	14.8	10.2	92.0	62.9	85	Normal; breathing air; July 17.
	4.00	16.2	14.9	11.6	92.0	71.6	80	Normal; breathing oxygen. Gassed, 8.39 a. m., July 18.
	10.30	15.1	15.4	-----	100.0	-----	85	Breathing air.
	1.15	16.1	14.9	7.1	92.0	48.0	80	Breathing air.
	2.30	17.4	16.6	-----	95.0	-----	85	Breathing oxygen.
	3.30	16.8	16.0	2.5	95.0	15.0	85	Breathing oxygen.
	4.45	17.7	10.1	-----	57.0	-----	(?)	Breathing air.
92	9.45	24.9	20.2	17.3	81.0	71.5	-----	Normal; breathing air; July 22.
	11.00	24.9	21.9	15.5	88.0	62.2	90	Normal; breathing oxygen. Gassed, 8.37 a. m., July 23.
	1.00	23.3	20.9	14.0	90.0	60.0	-----	Breathing air.
	4.00	27.5	28.7	20.3	100.0	73.0	140	Breathing oxygen.
95	5.15	28.9	25.3	3.8	87.0	9.9	140	Breathing air.
	10.30	18.7	17.4	8.4	93.0	45.0	85	Normal; breathing air; July 25. Gassed, 3.47 p. m., July 25.
	9.30	25.0	17.0	8.0	68.0	32.0	+100	Breathing air.
	11.00	25.0	20.3	9.6	81.0	38.0	110	Breathing oxygen.
	2.45	25.0	11.6	4.3	46.4	17.0	120	Breathing air.
101	4.00	25.0	14.7	-----	59.0	-----	160	Breathing oxygen.
	2.45	17.7	15.8	9.2	89.0	52.0	85	Normal; breathing air; July 29.
	3.45	17.7	15.6	13.9	88.2	78.5	90	Normal; breathing oxygen. Gassed, 9.20 a. m., July 30.
	10.45	12.8	12.2	4.1	95.0	32.0	-----	Breathing air.
	1.50	15.2	12.7	4.1	83.0	27.0	-----	Breathing air.
	3.20	21.6	14.3	4.9	66.0	22.0	120	Breathing oxygen.
104	4.30	24.8	11.3	-----	46.0	-----	130	Breathing oxygen (died 5 p. m.).
	2.50	18.6	17.3	9.3	93.0	50.0	75	Normal; breathing air; July 31.
	4.30	18.6	18.4	13.3	98.0	72.0	75	Normal; breathing oxygen. Gassed, 9.53 a. m., Aug. 1.
	2.00	18.0	15.4	-----	85.0	-----	65	Breathing air.
	3.45	21.6	15.0	-----	69.0	-----	90	Breathing air.
105	5.40	21.7	12.3	-----	56.0	-----	56	Breathing oxygen (died 5.45 p. m.).
	2.30	24.4	22.4	14.9	91.0	61.0	95	Normal; breathing air; Aug. 1. Gassed, 4.20 p. m., Aug. 1.
	9.30	27.1	25.1	9.4	93.0	34.0	140	Breathing air, Aug. 2.
	10.45	27.1	23.6	11.6	87.0	43.0	-----	Breathing oxygen.
	2.15	24.7	21.5	9.3	87.0	38.0	130	Breathing air.
	3.35	24.6	24.3	9.7	100.0	39.0	140	Breathing oxygen.
	4.20	24.6	24.5	-----	100.0	-----	-----	Breathing oxygen.
113	5.15	(?) 18.5	10.2	7.4	55.0	40.0	130	Breathing air.
	10.00	17.7	16.4	2.2	93.0	12.0	95	Breathing air, Aug. 3.
	9.00	15.6	14.8	5.1	95.0	32.0	90	Breathing air, Aug. 5.
	10.00	18.1	17.5	10.1	97.0	55.8	85	Normal; breathing air; Aug. 8. Gassed, 9.17 a. m., Aug. 9.
113	1.00	24.5	22.4	6.6	91.0	27.0	130	Breathing air.
	3.00	27.0	28.9	2.6	100.0	9.9	140	Breathing oxygen.
	3.45	30.5	22.7	-----	74.0	-----	140	Breathing air (died 3.52 p. m.).

The hemoglobin values are only approximate, having been determined by the Talquist scale.