

Supplemental Table 2.

Descriptive treatment details and effect of per os methylene blue therapy on methemoglobin level, hematocrit, and hemoglobin concentration in 6 dogs with cytochrome b₅ reductase deficiency.

Dog	MB dosage	Treatment duration (days)	Before			After		
			MetHb (%)	Hb (g/dL)	HCT (%)	MetHb (%)	Hb (g/dL)	HCT (%)
1	1.5 mg/kg EOD	146	29.9	20.6	51	7.1	16.2	45
2	1.5 mg/kg (q24h × 2 days, then skip a day)	68	18.8	20.5	53	4.9	18.7	50
3	3 mg/kg, q24h	134	35.9	14.6	40	5.2	18.3	50
4	3 mg/kg, q24h	85	36.3	20.9	54	21.3	18.1	48
5	3 mg/kg, q24h	146	35.5	25	63	14.8	21.3	61
6	4.2 mg/kg, q24hr	70	34.9	24.2	62	12.8	21.2	55

MB, methylene blue; MetHb, methemoglobin; HCT, hematocrit; Hb, hemoglobin; EOD, every

other day