

# First Report on Medical Treatment and Outcome of Burnt Cattle

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**Table S1.** Blood-biochemical parameters at the day of admission (T0) and after 15 days (T15) of heifer 1 and heifer 2.

Parameter (measure unit)	Heifer 1		Heifer 2	
	T0	T15	T0	T15
Haemoglobin (gr%)	7.8	10.3	7.9	11
Haematocrit (%)	24.7	29.6	24.9	31.9
Erythrocytes (/mm <sup>3</sup> )	6850000	8440000	7310000	9470000
Platelets (/mm <sup>3</sup> )	1198000	855000	1035000	1059000
Leukocytes (/mm <sup>3</sup> )	33740	43250	16790	17630
Lymphocytes (/mm <sup>3</sup> )	5540	7020	3290	4230
Monocytes (/mm <sup>3</sup> )	870	600	1270	840
Neutrophils (/mm <sup>3</sup> )	25870	34620	11620	11850
Eosinophils (/mm <sup>3</sup> )	810	260	250	430
Basophils (/mm <sup>3</sup> )	430	640	180	200
Aspartate Aminotransferase (U/L)	292	226	103	77
Lactate Dehydrogenase (IU/L)	3722	3282	2598	2654
Creatine Kinase (U/L)	1931	789	396	1095
Alkaline Phosphatase (U/L)	456	739	523	456
Creatinine (mg/dL)	0.44	0.36	0.57	0.57
Urea (mg/dL)	11.80	26.70	22.33	17.66
Glucose (mg/dL)	62	106	61	89
Total Cholesterol (mg/dL)	58	33	82	59
Gamma-Glutamyl Transferase (U/L)	22.7	24	18.9	25.1
Total Protein (g/dL)	5.58	7.67	6.20	9.68
Albumin (g/dL)	2.12	1.63	2.47	2.33
Sodium (mEq/L)	139	135	136	137
Potassium (mEq/L)	5.1	3.7	4.5	4.3
Chlorine (mEq/L)	96	89	96	95
Magnesium (mg/dL)	1.87	1.12	1.94	1.51

**Table S2.** Coagulation parameters at the day of admission (T0), after 15 days (T15), at the day of euthanasia (T20) for Heifer 1 and after 30 days (T30) of hospitalization for Heifer 2.

Parameter (measure unit)	Heifer 1			Heifer 2		
	T0	T15	T20	T0	T15	T30
Prothrombin Time (s)	19.2	32.2	52.7	23.3	22.0	21.0
Activated Partial Thromboplastin Time (s)	61.3	54.4	61.1	83.7	57.5	50.03
Fibrinogen (g/L)	26.39	20.62	4.83	9.97	6.09	5.98
D-Dimer ( $\mu\text{g/mL}$ )	4.71	2.70	3.30	3.79	1.21	0.11
Anti-thrombin III (%)	104	91	70	102	111	105