

**Supplementary Table S2 – Profile of patients (regarding severe malaria manifestations) who died during the study period at the Hospital Central Dr. António Agostinho Neto of Lubango.** The first row enumerates the patient counts per department and year. Where data were missing, percentages representing the proportion of patients exhibiting specific severe malaria manifestations were calculated based on the patient count available in the corresponding table cell. Impaired Consciousness: Glasgow Coma Score (GCS) < 11; Multiple Convulsions: More than two episodes within 24 hours; Metabolic Acidosis: Base deficit > 8 mEq/L, or if unavailable, plasma bicarbonate < 15 mmol/L or venous plasma lactate  $\geq$  5 mmol/L; Hypoglycemia: Blood glucose < 40 mg/dL; Anemia: Hemoglobin < 7 g/dL and/or Hematocrit < 20%, with a parasite count > 10,000/ $\mu$ L; Renal Impairment: Plasma or serum creatinine > 3 mg/dL and/or blood urea > 20 mmol/L; Jaundice: Bilirubin > 3 mg/dL; Hyperparasitaemia: Parasite density > 500,000 parasites/ $\mu$ L; Shock: Systolic blood pressure < 80 mmHg; Bleeding: Recurrent or prolonged bleeding from the nose, gums, or venipuncture sites; hematemesis or melaena.

Severe malaria criteria		2021			2022			Total (n=45)
		ICU	MED	INF*	ICU	MED	INF	
Impaired Consciousness		5/10 50.0%	0/7 0.0%		13/15 86.7%	0/11 0.0%	1/2 50.0%	19/45 42.2%
Multiple Convulsions		4/10 40.0%	0/7 0.0%		1/15 6.7%	1/11 9.1%	0/2 0.0%	6/45 13.3%
Metabolic Acidosis		7/10 70.0%	2/3 66.7%		11/15 73.3%	0/11 0.0%	0/2 0.0%	20/41 48.8%
Hypoglycemia		2/8 25.0%	0/6 0.0%		1/14 7.1%	2/11 18.2%	0/2 0.0%	5/41 12.2%
Anemia	Hemoglobin	4/10 40.0%	0/7 0.0%		3/15 20.0%	1/11 9.1%	0/2 0.0%	8/45 17.8%
	Hematocrit	4/10 40.0%	0/7 0.0%		3/15 20.0%	1/11 9.1%	1/2 50.0%	9/45 20.0%
	Overall	4/10 40.0%	0/7 0.0%		4/15 26.7%	1/11 9.1%	1/2 50.0%	10/45 22.2%
Renal Impairment	Creatinine	5/8 62.5%	0/6 0.0%		4/15 26.7%	2/7 28.6%	1/2 50.0%	12/38 31.6%
	Blood Urea	8/9 88.9%	3/6 50.0%		13/15 86.7%	7/8 97.5%	2/2 100.0%	33/40 82.5%
	Overall	8/9 88.9%	3/6 50.0%		13/15 86.7%	7/11 63.6%	2/2 100.0%	33/43 76.7%
Jaundice		2/8 25.0%	3/6 50.0%		5/12 41.2%	3/7 42.9%	1/2 50.0%	14/35 40.0%
Hyperparasitemia		1/10 10.0%	1/5 20.0%		0/14 0.0%	0/11 0.0%	0/2 0.0%	2/42 4.8%
Shock		1/10	1/7		1/15	0/11	0/2	3/45

	10.0%	14.3%	6.7%	0.0%	0.0%	6.7%
<b>Bleeding</b>	2/10	2/7	3/15	2/11	2/2	11/45
	20.0%	28.6%	30.0%	18.2%	100.0%	24.4%

\*There were no fatalities among patients admitted to INF in 2021.