

Clinical, haematological and biochemical profiling of podoconiosis lymphoedema patients prior to their involvement in a clinical trial in the Northwest Region of Cameroon

Article (Supplemental Material)

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SUPPLEMENTARY TABLES FOR ARTICLE

Supplementary Table 1: Health issues documented on physical examination

	Frequency	Percent
Abdominal pain	4	1.80
Cataract	2	0.90
Conjunctivitis	2	0.90
Fibroid	3	1.30
Frequent pruritic, pains, eye itches	1	0.45
Gastritis	21	9.46
Hyperpigmented patches on leg	1	0.45
Hypertension	5	2.25
Leg ulcer	3	1.30
Lipoma	1	0.45
Marked epigastric tenderness	2	0.90
Minor goiter	1	0.45
Poor vision	9	4.05
Short sightedness	3	1.35
Evidence of surgery	12	5.41
Tinea versicolor	2	0.90
Wound on limbs	1	0.45
None	153	68.92
Total	222	100.0

Supplementary Table 2: Comorbidity condition reported across podoconiosis study participants

Comorbidity	Podoconiosis subjects	
	Frequency	Percentage (%)
Asthma	1	0.45
Cataract	1	0.45
Diabetes mellitus	2	0.89
Gastritis	10	4.46
Hypertension	9	4.02
Leg ulcer	2	0.89
Tinea versicolor	1	0.45
No comorbidity reported	170	75.68

Supplementary Table 3: Hematological parameters for which more than 40 % of the study participants had abnormal values

Parameter	Classification	Stage 2	Stage 3	Stage 4	Total n (%)	Reference range
		n (%)	n (%)	n (%)		
MCV (fL)	High (> 99.0)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	80.0-99.0
	Normal	32 (34.80)	37 (30.10)	2 (28.60)	71 (32.00)	
	Low (<80.0)	60 (65.20)	85 (69.10)	5 (71.40)	150 (67.60)	
PCT (%)	High (>0.28)	59 (64.10)	67 (54.50)	3 (42.90)	129 (58.10)	0.10-0.28
	Normal	33 (35.90)	55 (44.70)	4 (57.10)	92 (41.40)	
	Low (<0.10)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	
PDW (fL)	High (>14.0)	50 (54.3)	65 (52.8)	5 (71.4)	120 (54.1)	10.0-14.0
	Normal	30 (32.60)	42 (34.10)	2 (28.60)	74 (33.30)	
	Low (<10.0)	11 (12.0)	15 (12.2)	0 (0.0)	26 (11.7)	
MPV (fL)	High (>10.4)	48 (52.2)	56 (45.5)	1 (14.3)	105 (47.3)	7.4-10.4
	Normal	43 (46.7)	66 (53.7)	6 (85.7)	115 (51.8)	
	Low (<7.4)	1 (1.1)	0 (0.0)	0 (0.0)	1 (0.5)	
PLT (10 ³ uL)	High (>300)	25 (27.2)	27 (22.0)	1 (14.30)	53 (23.9)	100-300
	Normal	67 (72.8)	95 (77.2)	5 (71.4)	167 (75.2)	
	Low (<100)	0 (0.00)	0 (0.00)	1 (14.30)	1 (0.50)	
RDWSD (fL)	High (>46.0)	4 (4.3)	5 (4.1)	1 (14.3)	10 (4.5)	39.0-46.0
	Normal	20 (21.70)	24 (19.50)	1 (14.30)	45 (20.30)	
	Low (<39.0)	68 (73.9)	93 (75.6)	5 (71.4)	166 (74.8)	

Supplementary Table 4. Biochemical parameters of urine in study subjects

Parameters	Class	Frequency	Percentage
Leucocytes	Negative	164	82.41
	Small-trace	22	11.06
	Moderate -large	11	5.53
	Missing	2	1.01
Nitrite	Negative	190	95.48
	Positive	8	4.02
	Missing	1	0.50
Urobilinogen	Normal	168	84.42
	Presence	28	14.07
	Missing	3	1.51
Protein	Negative	162	81.41
	Trace	23	11.56
	Present	12	6.03
	Missing	2	1.01
Blood	Negative	172	86.43
	Small	19	9.55
	Moderate	7	3.52
	Missing	1	0.50
Ketone	Negative	197	98.99
	Present	2	1.01
Bilirubin	Negative	194	97.49
	Present	5	2.51
Glucose	Negative	193	96.98
	Trace	1	0.50
	present	5	2.51