

Table 1 Anthropometric measurements and laboratory parameters of infants with non-oedematous and oedematous protein–energy malnutrition before nutritional rehabilitation compared with controls

Variable	Mean \pm SD or Median (interquartile range)			Group 1 vs 3	t or z value ^a	
	Non-oedematous Group 1 (n = 18)	Oedematous Group 2 (n = 12)	Control Group 3 (n = 12)		Group 2 vs 3	Group 1 vs 2
Weight (% of median for age)	51.80 (10.05)	70.29 (9.93)	99.90 (14.16)	−4.58 ^a , P < 0.001	−4.17 ^a , P < 0.001	−3.39 ^a , P < 0.001
Length/height (% of median for age)	86.24 \pm 4.96	86.94 \pm 5.94	96.54 \pm 1.64	−6.91, P < 0.001	−5.39, P < 0.001	−0.35, P > 0.05
Skull circumference (% of median for age)	95.04 (6.59)	90.24 (10.14)	98.69 (2.47)	−4.24 ^a , P < 0.001	−4.17 ^a , P < 0.001	−1.36 ^a , P > 0.05
Mid-arm circumference (cm)	9.50 (1.38)	10.75 (1.50)	12.50 (2.00)	−4.26 ^a , P < 0.001	−3.17 ^a , P < 0.01	−1.55 ^a , P > 0.05
Serum albumin (g/dL)	3.70 (0.55)	1.95 (0.40)	4.25 (0.60)	−3.84 ^a , P < 0.001	−4.17 ^a , P < 0.001	−4.59 ^a , P < 0.001
Haemoglobin (g/dL)	8.30 (1.28)	8.30 (0.80)	10.90 (1.80)	−4.58 ^a , P < 0.001	−4.06 ^a , P < 0.001	−0.90 [*] , P > 0.05
Total leukocyte count (/mm ³)	11.91 \pm 3.10	13.33 \pm 1.65	8.20 \pm 1.06	−3.98, P < 0.001	−9.07, P < 0.01	−1.45, P > 0.05
C-reactive protein (mg/L)	48.00 (48.00)	24.00 (36.00)				−1.14 ^a , P > 0.05

^aNon-parametric data were detected by Shapiro–Wilk test and presented as median (interquartile range). The test of significance was Mann–Whitney test. SD = standard deviation.