

Table 2 Anthropometric measurements and laboratory parameters of infants with non-oedematous and oedematous protein–energy malnutrition and values before and after nutritional rehabilitation

| Variable | Mean \pm SD or Median (interquartile range) | | | | | |
|---|---|----------------------------------|--------------------------------|------------------|------------------------------|-------------------------------|
| | Before | Non-oedematous (n = 18) After | t or z value ^a | Before | Oedematous (n = 12) After | t or z value ^a |
| Weight (% of median for age) | 51.80 (10.05) | 85.84 (6.04) | −3.73 ^a , P < 0.001 | 70.29 (9.93) | 85.00 (7.19) | −3.07 ^a , P < 0.01 |
| Length/height (% of median for age) | 86.86 (9.41) | 92.90 (2.59) | −3.73 ^a , P < 0.001 | 87.73 (8.54) | 90.54 (7.30) | −3.07 ^a , P < 0.01 |
| Skull circumference (% of median for age) | 95.04 (6.59) | 95.78 (3.16) | −3.73 ^a , P < 0.001 | 90.24 (10.14) | 96.68 (4.35) | −3.07 ^a , P < 0.01 |
| Mid-arm circumference (cm) | 9.50 (1.38) | 13.50 (2.75) | −3.74 ^a , P < 0.001 | 10.75 (1.50) | 10.35 (0.50) | −1.19 ^a , P > 0.05 |
| Serum albumin (g/dL) | 3.70 (0.55) | 4.20 (0.73) | −3.28 ^a , P < 0.001 | 1.95 (0.40) | 2.95 (0.20) | −3.09 ^a , P < 0.01 |
| Haemoglobin (g/dL) | 8.30 (1.28) | 9.70 (0.78) | −3.74 ^a , P < 0.001 | 8.30 (0.80) | 9.75 (0.90) | −3.08 ^a , P < 0.01 |
| Total leukocyte count (/mm ³) | 11.91 \pm 3.10 | 8.44 \pm 1.51 | 7.27, P < 0.001 | 13.33 \pm 1.65 | 9.63 \pm 2.64 | 5.54, P < 0.001 |
| C-reactive protein (mg/L) | 48.00 (48.00) | 6.00 (7.50) | −3.76 ^a , P < 0.001 | 24.00 (36.00) | 3.00 (12.00) | −3.09 ^a , P < 0.01 |

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