

Table S1: Nutritional parameters at T0, T1 and T2, and relative comparisons.

	T0	T0 vs T1			T0 vs T2			T1 vs T2	
		T1	P (Wilcoxon signed-rank test)	P (t-test)	T2	P (Wilcoxon signed-rank test)	P (t-test)	P (Wilcoxon signed-rank test)	P (t-test)
Fat Mass (kg)	12.9 (5.7-25)	13.9 (5.9-24.2)	0.24		12.9 (5.3-24.3)	0.80		0.10	
Fat Free Mass (kg)	45.6 (37.6-70.5)	45.3 (41.4-52.3)	0.85		46 (38.3-69.4)	0.004		<0.001	
Body Cell Mass Index	8.4 (7.2-11.3)	9 (8.1-9.6)	0.06		9.1 (7.6-11.8)	0.02		<0.001	
Fat Mass (%)	22.1 (9.9-37.1)	23.4 (15.7-28.6)	0.42		21.1 (11-36.4)	0.49		0.08	
Fat Free Mass (%)	77.9 (62.9-90.1)	76.6 (71.5-84.3)	0.42		78.9 (63.6-89)	0.48		0.08	
Fat Free Mass Index	3 (1-5)	3 (2-4)	0.53		3 (2-5)	0.01		0.005	
Appendicular Skeletal Muscle Index	2.5 (1-4)	3 (2-3)	0.65		3 (1-4)	0.008		0.005	
Body Mass Index (mean±SD)	21.9±3.2	22.1±3		0.31	22.2±3.1		0.15		0.43
Phase Angle (°, mean±SD)	5.7±0.6	5.9±0.8		0.04	6±0.6		0.002		0.2
Total Body Water	33.4 (27.3-51.8)	33.3 (30-38.2)	0.9		33.8 (27.9-51.1)	0.004		<0.001	
Extra-Cellular Water (L)	16 (12.8-27.7)	16 (14.2-17.2)	0.07		16 (12.9-23.8)	0.16		0.40	
Extra-Cellular Water (%; mean±SD)	47.5±2.8	46.1±3.6	0.006		45.9±3.1	0.01		0.95	
Waist (cm; (mean±SD)	78.7±11.1	78.7±9.7	0.95		79.5±9.6	0.32		0.18	
Abdominal Fat (%; mean±SD)	2.9±1.8	2.9±1.6	0.94		3.1±1.6	0.29		0.15	
Handgrip Value	28.1 (16.5-48.7)	29 (25.7-36.8)	0.02		29.7 (17.3-52.5)	<0.001		0.10	
Muscle Quality Index (mean±SD)	1.2 (0.9-1.8)	1.3 (1.2-1.4)	0.02		1.3 (0.9-1.6)	0.08		0.47	

Table S2. Nutritional status parameters of CeD patients with classical and non-classical presentation.

	Classical Presentation n=10	Non-Classical Presentation n=14	
			<i>P (Wilcoxon signed-rank test)</i>
Fat Mass (kg)	11 (6.7-24.9)	9 (5.7-25)	0.35
Fat Free Mass (kg)	43.9 (38.4-56.4)	47.1 (37.6-70.5)	0.27
Body Cell Mass Index	8.4 (7.6-9.6)	8.4 (7.2-11.3)	0.66
Fat Mass (%)	19.5 (11.6-37.1)	24 (9.9-36.6)	0.73
Fat Free Mass (%)	80.5 (62.9-88.4)	76 (63.7-90.1)	0.73
Fat Free Mass Index	3 (1-4)	3 (2-5)	0.42
Appendicular Skeletal Muscle Index	2 (1-3)	3 (1-4)	0.42
Body Mass Index (mean±SD)	21±3.1	22.5±3.1	0.25
Phase Angle (°, mean±SD)	5.7±0.5	5.6±0.6	0.60
Total Body Water	32.2 (27.9-41.4)	34.5 (27.3-51.8)	0.27
Extra-Cellular Water (L)	15.4 (12.8-19.7)	16.7 (13.3-27.7)	0.07
Extra-Cellular Water (% mean±SD)	47.1±2.7	47.7±3	0.60
Waist (cm, (mean±SD)	76.2±8.6	80.4±12.5	0.37
Abdominal Fat (% mean±SD)	2.8±2	3±1.7	0.78
Handgrip Value	28 (20-40)	28.8 (16.5-48.7)	0.81
Muscle Quality Index (mean±SD)	1.2 (1.1-1.8)	1.3 (0.9-1.4)	0.78