

Supplementary Table 1: Blood micronutrients levels of children with coeliac disease at disease diagnosis and during the natural course of the disease and its management

Micronutrients	ND* (N=25)		6mo* (N=21)		12mo* (N=16)		>12mo* (N=44)	
	N	Mean ± SD/Median (Q1:Q3)	N	Mean ± SD/Median (Q1:Q3)	N	Mean ± SD/Median (Q1:Q3)	N	Mean ± SD/Median (Q1:Q3)
Vitamin A (µmol/L)	25	1.04 ± 0.32	21	1.04 ± 0.32	13	1.16 ± 0.25	36	0.90 (0.80 : 1.18)
Vitamin E/Chol (µmol/mmol)	25	1.98 ± 1.02	20	2.72 (2.33 : 4.79) **,†	12	3.20 (2.44 : 4.78) **,†	36	5.76 ± 0.93 **
Vitamin B1/Hb (ng/g)	24	231 ± 91.6	21	282 ± 131 †	13	325 ± 81.7 **,†	40	496 ± 112**
Vitamin B2/Hb (nmol/g)	24	1.71 (1.55 : 2.63)	20	1.66 (1.39 : 2.27)	14	1.77 ± 0.43 †	40	2.26 (1.95 : 2.41)
Vitamin B6/Hb (pmol/g)	24	1451 (861 : 2125)	20	1023 (540 : 1459) †	14	1159 (464 : 22003) †	40	455 ± 96.9**
Vitamin B12 (pg/mL)	23	601 ± 217	11	626 ± 99.7	10	620 ± 288	42	691 ± 293
Vitamin C (µmol/L)	NA	NA	5	72.7 ± 40.6	4	66.22 ± 19.2	37	53 (47.4 : 66.9)
Vitamin K/TG (nmol/mmol)	24	0.21 (0.18 : 0.35)	20	0.26 (0.17 : 0.37) †	10	0.22 (0.17 : 0.67) †	38	0.72 (0.49 : 1.14)**
Vitamin D (nmol/L)	25	60.9 ± 23.1	20	53.8 ± 22.8	11	56.3 ± 26.3	40	50.8 ± 18.1
Folate (ng/ml)	9	11.0 ± 4.65	6)	10.9 ± 4.59	10	8.87 ± 3.43	13	10.2 ± 5.12
Mg (mmol/L)	24	0.83 (0.77 : 0.86)	21	0.81 (0.78 : 0.89)	11	0.80 (0.77 : 0.84)	41	0.87 (0.84: 0.92)
Cu (µmol/L)	24	16.8 ± 3.24	21	16.9 ± 3.87	11	14.7 ± 4.47	41	16.2 (13.8 : 19.1)
Zn (µmol/L)	24	10.9 (9.94 : 11.7)	21	11.1 ± 1.44	11	10.9 (9.99 : 11.3)	41	10.4 (9.21 : 11.7)
Se (µmol/L)	24	0.92 ± 0.21	21	0.93 ± 0.19	11	0.82 ± 0.24	41	0.93 (0.82 : 1.07)
Ferritin (µg/L)	24	15.5 ± 7.86	14	25.5 (10.8 : 27.9)	14	35.0 ± 20.1 **	43	27.5 ± 13.8 **

N (%): number (%) of data available; ND: Newly diagnosed patients, 6mo: 6 months post-diagnosis, 12mo: 12 months post-diagnosis, >12mo: 12 months post-diagnosis;*including samples from the prospective (n=16 at 6mo & n=12 at 12mo) and cross-sectional cohorts (n=5 at 6mo & n=4 at 12mo); **: p<0.05 for Tukey pairwise comparison with 'New diagnosis'; †: p<0.05 for Tukey pairwise comparison with '>12 months'; CD:coeliac disease; Chol:cholesterol; Hb:haemoglobin; TG:triglycerides; SD:standard deviation; Q1:Q3: inter-quartile range; NA: data not available due to analytical batch failure.