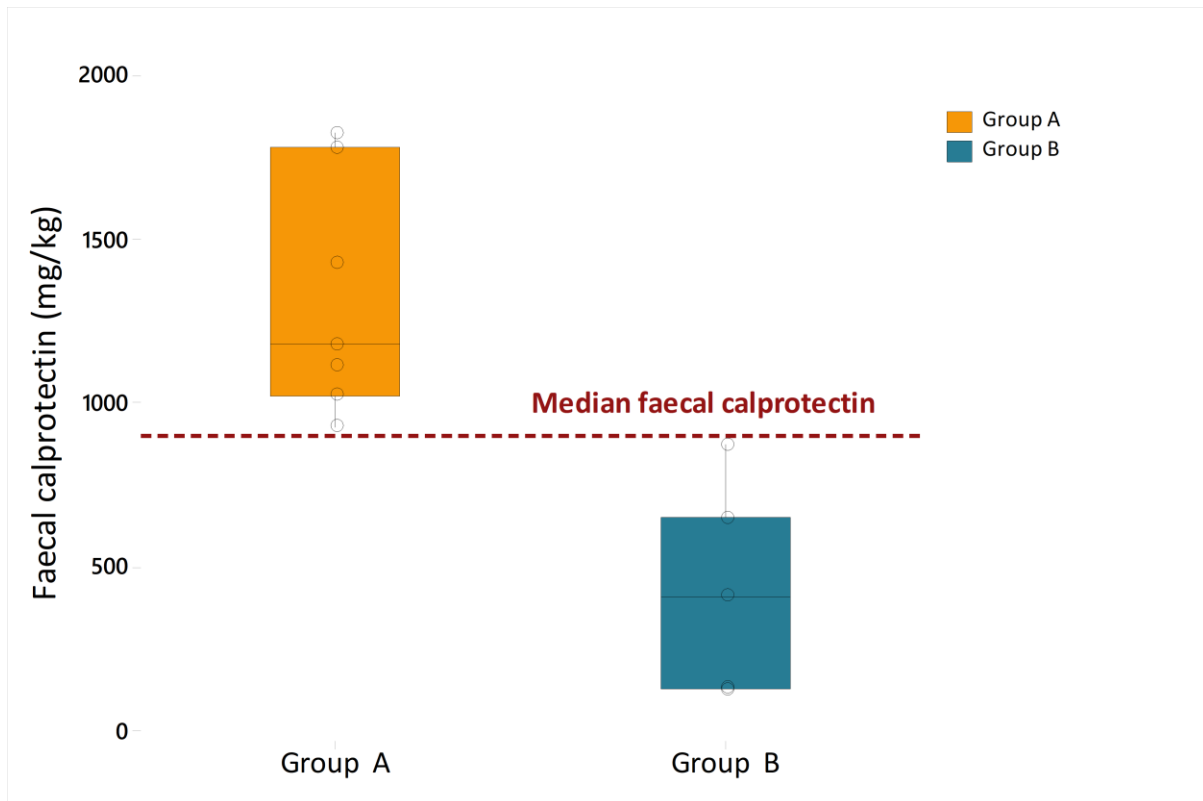


**Figure 2.** Hierarchical dendrogram showing the classification of individual food groups to larger level food groups, based on the National Diet and Nutrition Survey.

Supplementary Figure 2 (.pdf). Hierarchical dendrogram showing the classification of individual food groups to larger level food groups, based on the National Diet and Nutrition Survey



Supplementary Figure 3 (.tif). Stratification of patients based on the median faecal calprotectin (900 mg/kg) of the entire group at food reintroduction. Group A (n=7): above median faecal calprotectin, Group B (n=7): below median faecal calprotectin.

Supplementary Table 1. Demographic, anthropometric, and clinical disease characteristics in the two groups.

	Group A (n=7)	Group B (n=7)	p value
Gender (female, n [%])	2 (28.6)	2 (28.6)	1.0
Age at diagnosis, y	10.3 (8.7, 14.6)	12.1 (11.6, 14.9)	0.404
Age at diagnosis, n (%)			0.28
A1a	4 (57.1)	2 (29.5)	
A1b	3 (42.9)	5 (71.4)	
Weight (kg)	39.9 (27.4, 47.1)	41.7 (31.6, 53.1)	0.374
Weight (z score)	-0.34 (-0.83, 0.06)	-0.09 (-0.41, -0.03)	0.791
Height (z score)	-0.34 (-0.83, 0.09)	-0.22 (-1.41, 0.78)	0.941
BMI (z score)	-0.20 (-0.55, 0.05)	-0.43 (-0.61, 0.46)	0.553
wPCDAI at end of EEN	0 (0, 0)	5 (0, 10)	0.115
First EEN course, n (%)	6 (85.7)	6 (85.7)	1.0
*MEN (%kcal)	17.9 (0, 26.8)	16.7 (0, 26.8)	0.726
MEN (%EAR)	16.2 (0, 24.6)	16.7 (0, 18.8)	0.972
Immunomodulators (azathioprine/methotrexate), n (%)	5 (71.4)	6 (85.7)	0.515
Disease location (Paris classification), n (%)			
L2, L4a, B1	2 (28.6)	1 (14.3)	
L2, L4a, L4b, B1, p	0 (0)	1 (14.3)	
L3, B1	0 (0)	1 (14.3)	
L3, B1, p	1 (14.3)	0 (0)	
L3, L4a, B1	2 (28.6)	1 (14.3)	
L3, L4a, L4b, B1	2 (28.6)	3 (42.9)	

Days of food reintroduction prior to sample collection                      20 (14, 30)                      51 (16, 67)                      0.227

Group A: patients with faecal calprotectin levels above the median levels at food reintroduction, Group B: patients with faecal calprotectin values below the median levels at food reintroduction. Values are presented as medians (Q1, Q3) for continuous variables and as counts (frequencies) for categorical variables, wPCDAI: weighted Paediatric Crohn's Disease Activity Index, MEN: Maintenance enteral nutrition; \* 8 patients consumed Modulen® IBD, 1 patient Fresubin® Energy and 1 patient Ensure® plus

Supplementary Table 2. Correlations between the intake of nutrients and levels of FC at food reintroduction in all 14 patients.

Nutrients	Coefficient	p value	Nutrients	Coefficient	p value
Total Energy (kcal)	0.34	0.242	Niacin (% RNI)	0.61	0.02
Total energy (% EAR)	0.49	0.075	Folic acid (ug)	0.34	0.235
Fat (g)	0.04	0.927	Folic acid (% RNI)	0.43	0.124
Fat (% kcal)	-0.40	0.159	Vitamin B12 (ug)	0.04	0.891
SFA (g)	-0.14	0.642	Vitamin B12 (% RNI)	0.14	0.634
SFA (% kcal)	-0.35	0.216	Pantothenic acid (mg)	0.37	0.194
MUFA (g)	0.24	0.4	Biotin (ug)	-0.07	0.805
MUFA (% kcal)	-0.03	0.917	Vitamin E (mg)	-0.14	0.623
PUFA (g)	0.34	0.232	Sodium (mg)	0.39	0.166
PUFA (% kcal)	0.13	0.656	Sodium (% RNI)	0.39	0.166
Carbohydrates (g)	0.29	0.309	Chloride (mg)	0.38	0.181
Carbohydrates (% kcal)	0.03	0.924	Chloride (% RNI)	0.43	0.124
Sugars (g) *	0.15	0.615	Potassium (mg)	0.34	0.237
Sugars (% kcal)	-0.19	0.509	Potassium (% RNI) *	0.20	0.485
Dietary fibre (g) *	0.42	0.132	Calcium (mg)	0.18	0.546
Dietary fibre (% RNI)	0.48	0.082	Calcium (% RNI)	0.15	0.605

Starch (g)	0.24	0.4	Phosphorus (mg)	0.26	0.368
Protein (g)	0.51	0.061	Phosphorus (% RNI)	0.41	0.15
Protein (% kcal)	0.50	0.069	Magnesium (mg)	0.19	0.517
Protein (% RNI)	0.54	0.047	Magnesium (% RNI)	0.31	0.276
Vitamin A (ug)	-0.24	0.404	Iron (mg)	0.35	0.218
Vitamin A (% RNI)	-0.17	0.57	Iron (% RNI)	0.35	0.214
Vitamin D (ug)*	0.34	0.24	Zinc (mg)	0.29	0.316
Vitamin C (mg)	0.26	0.375	Zinc (% RNI)	0.28	0.328
Vitamin C (%RNI)	0.30	0.295	Copper (mg)	0.05	0.862
Thiamine (mg)	0.57	0.033	Copper (% RNI)	0.21	0.482
Thiamine (% RNI)	0.67	0.006	Iodine (ug)	-0.26	0.372
Vitamin B2 (mg)	-0.07	0.808	Iodine (% RNI)	-0.16	0.579
Vitamin B2 (% RNI)	0.26	0.368	Selenium (ug)	0.30	0.297
Vitamin B6 (mg)	0.18	0.539	Selenium (% RNI)	0.37	0.197
Vitamin B6 (% RNI)	0.34	0.24	Cholesterol (mg)	0.19	0.517
Niacin (mg)	0.52	0.058			

Pearson correlations were performed except for variables marked with \*, for which Spearman rank correlations were performed. FC: Faecal calprotectin

Supplementary Table 3. Correlations between the intake of foods and levels of FC at food reintroduction in all 14 patients.

Variables	Coefficient	p value
Cereals and cereal products	0.36	0.213
Gluten containing cereal products	0.459	0.099
Non-gluten containing cereal products *	-0.503	0.067
Milk and milk products	-0.14	0.628
Eggs and egg dishes *	-0.20	0.483
Fat spreads *	0.12	0.686

Red meat *	0.47	0.09
Processed meat	0.52	0.056
Red and processed meat *	0.62	0.019
Meat and meat products *	0.57	0.034
Fish and fish products *	0.24	0.407
Vegetables and potatoes	0.30	0.290
Savoury snacks	-0.45	0.110
Fruit *	-0.32	0.271
Sugars, preserves and confectionery	-0.31	0.284
Non-alcoholic beverages	0.73	0.003
Miscellaneous *	0.49	0.077

---

Pearson correlations were performed except for variables marked with \*, for which Spearman rank correlations were performed. FC: Faecal calprotectin