

Supplemental material

Table: Clinical features of seropositive Celiac Disease patients and seronegative Celiac Disease patients at the baseline and after 1-year of gluten free diet.

Features	Seropositive celiac disease	Seronegative coeliac disease, only Marsh > 1	Seronegative coeliac disease, basal (Free diet)	Seronegative celiac disease, after 1 year of Gluten Free Diet
No. of patients	85	28	48	40
Men/women	16/69	7/21	8/40	6/34
Median age (range), years	35.0 (16–74)	31.5 (14–76)	36 (18–76)	36 (22–69)
<i>Clinical signs & symptoms</i>				
Abdominal pain	65 (76%)	23 (82%)	44 (92%)	4 (10%)**
Diarrhoea	62 (73%)	21 (75%)	36 (75%)	3 (7%)**
Alternating bowel movements	21 (25%)	5 (18%)	8 (17%)	0 (0%)**
<i>Familiarity for CD</i>	32 (37%)	6 (21%)	8 (17%)*	–
<i>Laboratory tests</i>				
Hemoglobin	12.4 ± 1.6	12.9 ± 1.4	12.7 ± 1.3	–
Hemoglobin < 12 mg/dL	45 (53%)	3 (11%)	5 (10%)**	0 (0.0%)*
Mean corpuscular volume < 80 fL	–	2 (7%)	6 (12%)	1 (2.0%)*
Mean Corpuscular Hemoglobin < 27 ng/mL	–	2 (7%)	4 (8%)	–
Lipase > 30 U/L	83 (86%)	1 (4%)**	3 (6%)**	0 (0.0%)
Amilase > 120 U/L	3 (3%)	2 (7%)	4 (8%)	0 (0.0%)
AST/ALT	6 (7%)	1 (4%)	3 (6%)	0 (0.0%)
Ferritin mg/dL	30.0 ± 37.0	1.6 ± 0.6	17.5 – 24.1	1 (2.0%)
Ferritin < 50 mg/dL	68 (80%)	7 (25%)	11 (23%)**	–
Vitamin B ₁₂	389.1 ± 203.7	327.3 ± 302.6	285.2 ± 282.4	8 (20%)
Vitamin B ₁₂ < 200 ng/mL	13 (15%)	1 (4%)	3 (6%)	324.1 ± 180.7
Folate < 7 ng/mL	32 (38%)	5 (18%)	7 (15%)	0 (0.0%)
Calcium < 9 mg/dL	–	0 (0%)	0 (0%)	1 (2.0%)*
Blood glucose, mg/dL	88.2 ± 9.9	–	–	0 (0.0%)
Blood glucose < 100 mg/dL	–	0 (0%)	1 (2%)	–
Albumin, g/L	53.7 ± 4.1	53.6 ± 5.0	46.3 ± 19.1	0 (0.0%)
Albumin < 35 g/L	0 (0%)	1 (4%)	3 (6%)	–
Total cholesterol, mg/dL	171.1 ± 32.2	171.4 ± 34.1	169.4 ± 34.3	–

Total cholesterol < 200 mg//dL	69 (81%)	22 (78%)	37 (77%)	–
Triglycerides, mg/dL	65.1 ± 34.2	65.8 ± 34.9	66.5 ± 35.9	–
Triglycerides < 150 mg/dL	83 (97%)	26 (93%)	45 (94%)	–
<i>Breath testing</i>				
Lactose malabsorption	77 (91%)	19 (67%)	30 (63%)	–
Small bowel overgrowth	13 (15%)	1 (4%)	3 (6%)	–
<i>Histology</i>				
MARSH 0	0 (0%)	–	0 (0%)	13 (33%)**
MARSH 1	19 (22%)	–	20 (42%)*	25 (63%)
MARSH 2	28 (33%)	13 (46%)	13 (27%)	1 (2%)**
MARSH 3	38 (45%)	15 (54%)	15 (31%)	1 (2%)**
<i>Comorbidities</i>				
Dermatitis	15 (18%)	3 (11%)	6 (12,5%)	0 (0%)
Diabetes	3 (3%)	0 (0%)	1 (2%)	1 (2.5%)
Thyroiditis	14 (16%)	3 (11%)	5 (10%)	5 (10%)
Osteopenia/Osteoporosis	29 (34%)	11 (39%)	21 (44%)	5 (12.5%)
Mild Depression	8 (9%)	8 (28%)	13 (27%)	3 (6%)

*p<0.05; **p<0.01