

**SUPPLEMENTARY APPENDIX**

Symptoms	Dietitian Referral			Statistics			
	Frequency Percent Row Pct Col Pct	No	Yes	Total	Chi-Square	p-value	Fisher's Exact Test, two-sided p-value
<b>Abdominal Pain</b>							
No	24	56	80		0.9958	0.3183	0.4167
	23.76	55.45	79.21				
	85.71	76.71					
	30	70					
Yes	4	17	21				
	3.96	16.83	20.79				
	14.29	23.29					
	19.05	80.95					
Total	28	73	101				
	27.72	72.28	100				
<b>Bloating</b>							
No	27	64	91		1.7398	0.1872	0.2763
	26.73	63.37	90.1				
	96.43	87.67					
	29.67	70.33					
Yes	1	9	10				
	0.99	8.91	9.9				
	3.57	12.33					
	10	90					
Total	28	73	101				
	27.72	72.28	100				
<b>Flatulence</b>							
No	27	71	98		0.0486	0.8256	1.0000
	26.73	70.3	97.03				
	96.43	97.26					
	27.55	72.45					
Yes	1	2	3				
	0.99	1.98	2.97				
	3.57	2.74					
	33.33	66.67					
Total	28	73	101				
	27.72	72.28	100				
<b>Diarrhea</b>							
No	23	59	82		0.0231	0.8791	1.0000
	22.77	58.42	81.19				
	82.14	80.82					
	28.05	71.95					
Yes	5	14	19				
	4.95	13.86	18.81				
	17.86	19.18					
	26.32	73.68					
Total	28	73	101				
	27.72	72.28	100				

Symptoms	Dietitian Referral			Statistics			
	Frequency Percent Row Pct Col Pct	No	Yes	Total	Chi-Square	p-value	Fisher's Exact Test, two-sided p-value
<b>Weight loss</b>							
No	25	69	94		0.8598	0.3538	0.3928
	24.75	68.32	93.07				
	89.29	94.52					
	26.6	73.4					
Yes	3	4	7				
	2.97	3.96	6.93				
	10.71	5.48					
	42.86	57.14					
Total	28	73	101				
	27.72	72.28	100				
<b>Nausea</b>							
No	27	70	97		0.0154	0.9012	1.0000
	26.73	69.31	96.04				
	96.43	95.89					
	27.84	72.16					
Yes	1	3	4				
	0.99	2.97	3.96				
	3.57	4.11					
	25	75					
Total	28	73	101				
	27.72	72.28	100				
<b>Anemia/Fatigue</b>							
No	28	75	103		2.6113	0.1061	0.2788
	26.92	72.12	99.04				
	96.55	100					
	27.18	72.82					
Yes	1	0	1				
	0.96	0	0.96				
	3.45	0					
	100	0					
Total	29	75	104				
	27.88	72.12	100				

Table S1. Follow-up symptom analysis in cohorts with and without a dietitian referral

Short and Long-Term Follow-Up and Clinical Outcomes in Patients with Celiac Disease in a Large Private Practice Setting

Symptoms	Dietitian Referral			Statistics		
Frequency						
Percent						
Row Pct						
Col Pct	No	Yes	Total	Chi-Square	p-value	Fisher's Exact Test, two-sided p-value
<b>Symptomatic</b>				0.3366	0.5618	0.6481
No	19 18.81 67.86 29.69	45 44.55 61.64 70.31	64 63.37			
Yes	9 8.91 32.14 24.32	28 27.72 38.36 75.68	37 36.63			
Total	28 27.72	73 72.28	101 100			

Table S2. Follow-up symptom analysis with and without a RD referral

Biopsy	Dietitian Referral			Statistics		
Frequency						
Percent						
Row Pct						
Col Pct	No	Yes	Total	Chi-Square	p-value	Fisher's Exact Test, two-sided p-value
<b>Repeat Biopsy</b>				0.1206	0.7284	0.796
No	31 24.6 81.58 29.52	74 58.73 84.09 70.48	105 83.33			
Yes	7 5.56 18.42 33.33	14 11.11 15.91 66.67	21 16.67			
Total	38 30.16	88 69.84	126 100			

Table S3. Repeat biopsy analysis in cohorts with and without a dietitian referral

Serology	Dietitian Referral			Statistics		
Frequency						
Percent						
Row Pct						
Col Pct	No	Yes	Total	Chi-Square	p-value	Fisher's Exact Test, two-sided p-value
<b>Serology</b>				1.3714	0.2416	0.3013
Abnormal	11 13.75 55 31.43	24 30 40 68.57	35 43.75			
Normal	9 11.25 45 20	36 45.00 60.00 80.00	45 56.25			
Total	20 25.00	60 75.00	80 100			

Table S4. Follow-up serology analysis with and without a RD referral

## Short and Long-Term Follow-Up and Clinical Outcomes in Patients with Celiac Disease in a Large Private Practice Setting

Micronutrient Orders Frequency Percent Row Pct Col Pct	Dietitian Referral			Statistics	Fisher's Exact Test, two-sided p-value
	No	Yes	Total		
<b>Iron studies</b>				Chi-Square	p-value
No	23	36	59	4.1019	0.0428
	18.25	28.57	46.83		0.0526
	60.53	40.91			
	38.98	61.02			
Yes	15	52	67		
	11.9	41.27	53.17		
	39.47	59.09			
	22.39	77.61			
Total	38	88	126		
	30.16	69.84	100		
<b>Vitamin D studies</b>				9.876	0.0017
No	23	27	50		0.0027
	18.25	21.43	39.68		
	60.53	30.68			
	46	54			
Yes	15	61	76		
	11.9	48.41	60.32		
	39.47	69.32			
	19.74	80.26			
Total	38	88	126		
	30.16	69.84	100		
<b>Copper studies</b>				1.884	0.1699
No	36	76	112		0.2254
	28.57	60.32	88.89		
	94.74	86.36			
	32.14	67.86			
Yes	2	12	14		
	1.59	9.52	11.11		
	5.26	13.64			
	14.29	85.71			
Total	38	88	126		
	30.16	69.84	100		
<b>Zinc studies</b>				7.5966	0.0058
No	35	61	96		0.0058
	27.78	48.41	76.19		
	92.11	69.32			
	36.46	63.54			
Yes	3	27	30		
	2.38	21.43	23.81		
	7.89	30.68			
	10	90			
Total	38	88	126		
	30.16	69.84	100		
<b>Folate studies</b>				4.6044	0.0319
No	30	52	82		0.0415
	23.81	41.27	65.08		
	78.95	59.09			
	36.59	63.41			
Yes	8	36	44		
	6.35	28.57	34.92		
	21.05	40.91			
	18.18	81.82			
Total	38	88	126		
	30.16	69.84	100		
<b>Vitamin B12 studies</b>				5.6069	0.0179
No	30	50	80		0.0258
	23.81	39.68	63.49		
	78.95	56.82			
	37.5	62.5			
Yes	8	38	46		
	6.35	30.16	36.51		
	21.05	43.18			
	17.39	82.61			
Total	38	88	126		
	30.16	69.84	100		

Table S5. Follow-up micronutrient study order analysis in cohorts with and without a dietitian referral

## Short and Long-Term Follow-Up and Clinical Outcomes in Patients with Celiac Disease in a Large Private Practice Setting

Micronutrient Results		Dietitian Referral		Statistics	
Frequency Percent Row Pct Col Pct	No	Yes	Total	Chi-Square	Fisher's Exact Test, two-sided p-value
<b>Iron</b>				0.0167	0.9917
Not Tested	12	30	42		
	11.54	28.85	40.38		
	41.38	40			
	28.57	71.43			
Tested, not deficient	14	37	51		
	13.46	35.58	49.04		
	48.28	49.33			
	27.45	72.55			
Tested, deficient	3	8	11		
	2.88	7.69	10.58		
	10.34	10.67			
	27.27	72.73			
Total	29	75	104		
	27.88	72.12	100		
<b>Vitamin D</b>				4.3559	0.1133
Not Tested	24	38	62		
	19.05	30.16	49.21		
	63.16	43.18			
	38.71	61.29			
Tested, not deficient	10	33	43		
	7.94	26.19	34.13		
	26.32	37.5			
	23.26	76.74			
Tested, deficient	4	17	21		
	3.17	13.49	16.67		
	10.53	19.32			
	19.05	80.95			
Total	38	88	126		
	30.16	69.84	100		
<b>Copper</b>				1.884	0.1699
Not Tested	36	76	112		
	28.57	60.32	88.89		
	94.74	86.36			
	32.14	67.86			
Tested, not deficient	2	12	14		
	1.59	9.52	11.11		
	5.26	13.64			
	14.29	85.71			
Tested, deficient	0	0	0		
	0.00	0.00	0.00		
	0.00	0.00			
	0.00	0.00			
Total	38	88	126		
	30.16	69.84	100		
<b>0.2254</b>					

Micronutrient Results		Dietitian Referral		Statistics	
Frequency Percent Row Pct Col Pct	No	Yes	Total	Chi-Square	Fisher's Exact Test, two-sided p-value
<b>Zinc</b>				0.1357	0.7126
Not Tested	0	0	0		
	0.00	0.00	0.00		
	0.00	0.00			
	0.00	0.00			
Tested, not deficient	3	22	25		
	11.54	84.62	96.15		
	100	95.65			
	12.00	88.00			
Tested, deficient	0	1	1		
	0	3.85	3.85		
	0	4.35			
	0	100			
Total	3	23	26		
	11.54	88.46	100		
<b>Folate</b>				0.5632	0.453
Not Tested	0	0	0		
	0.00	0.00	0.00		
	0.00	0.00			
	0.00	0.00			
Tested, not deficient	6	31	37		
	15.00	77.50	92.5		
	85.71	93.94			
	16.22	83.78			
Tested, deficient	1	2	3		
	2.50	5.00	7.50		
	14.29	6.06			
	33.33	66.67			
Total	7	33	40		
	17.50	82.50	100		
<b>Vitamin B12</b>				0.4968	0.4809
Not Tested	0	0	0		
	0.00	0.00	0.00		
	0.00	0.00			
	0.00	0.00			
Tested, not deficient	7	34	41		
	15.91	77.27	93.18		
	87.5	94.44			
	17.07	82.93			
Tested, deficient	1	2	3		
	2.27	4.55	6.82		
	12.5	5.56			
	33.33	66.67			
Total	8	36	44		
	18.18	81.82	100		
<b>0.4478</b>					

Table S6. Follow-up micronutrient study testing and deficiency analysis in cohorts with and without a dietitian referral

## Short and Long-Term Follow-Up and Clinical Outcomes in Patients with Celiac Disease in a Large Private Practice Setting

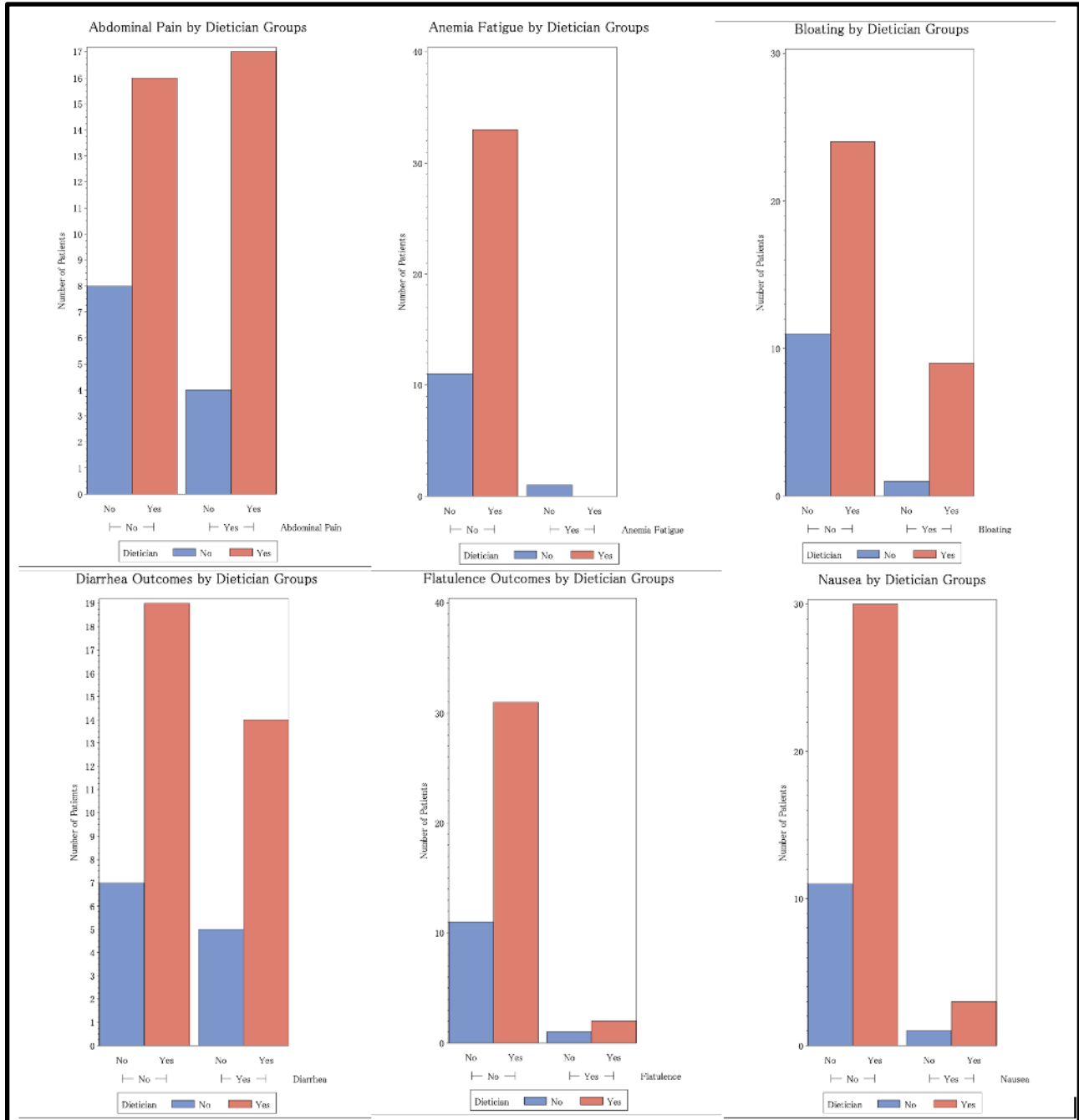


Figure S1. Follow-up symptom results in cohorts with and without a dietitian referral

# Short and Long-Term Follow-Up and Clinical Outcomes in Patients with Celiac Disease in a Large Private Practice Setting

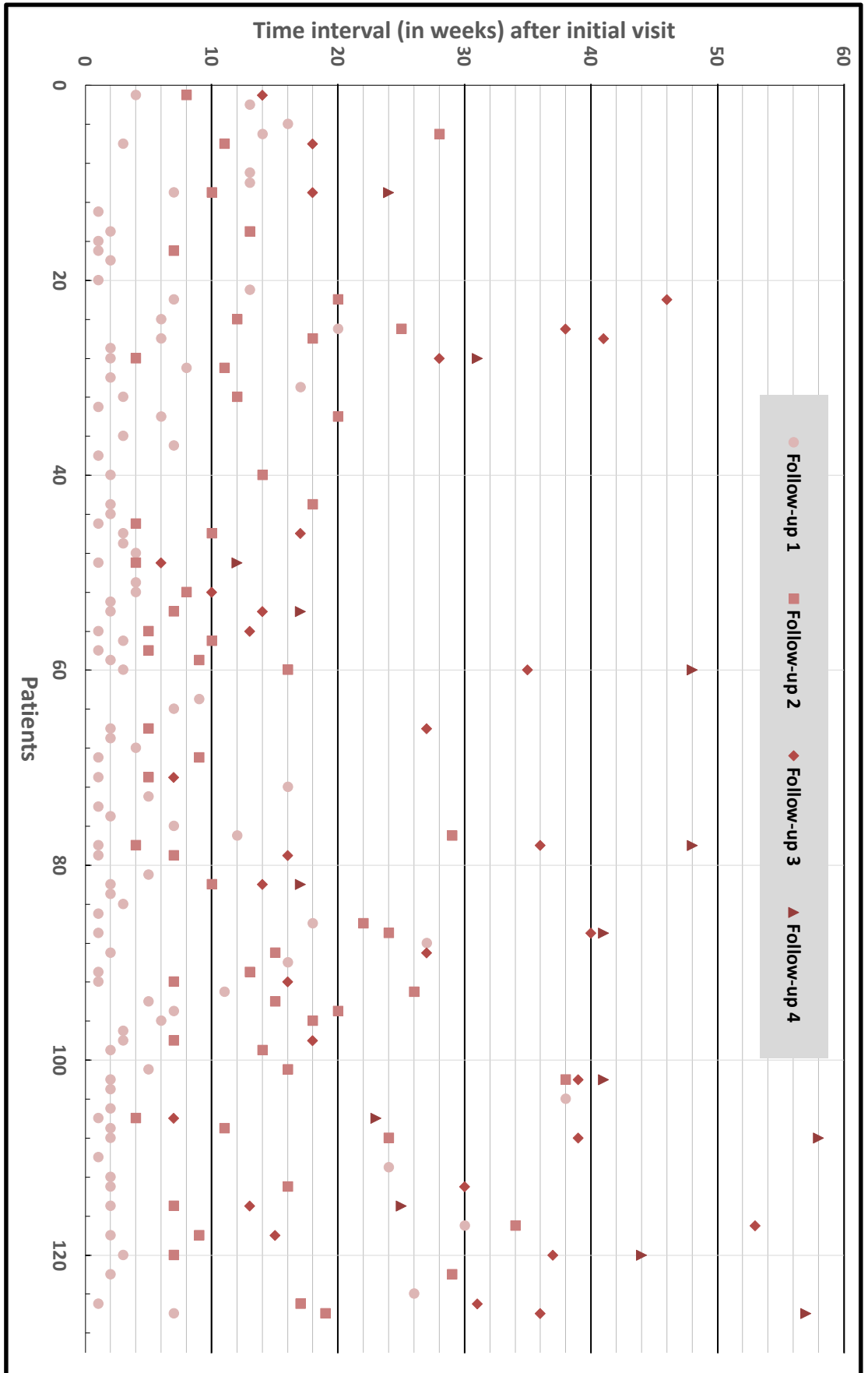


Figure S2. Time interval (in weeks) between initial and follow-up visits