

Supplementary Tables and Figures

Table S1: Indications for using EN reported by gastroenterologists who are currently recommending EN in patients with IBD (n= 55)

Indications	Responses % (n)				
	Never	Rarely	Sometimes	Frequently	Always
At initial diagnosis					
Adult gastroenterologist	9.5% (2)	33.3% (7)	52.4% (11)	0% (0)	4.8% (1)
Paediatric gastroenterologists	5.9% (2)	23.5% (8)	23.5% (8)	32.4% (11)	14.7% (5)
Total	7.3% (4)	27.3% (15)	34.5% (19)	20% (11)	10.9% (6)
<i>p-value</i> *	0.008				
After failing to respond to pharmacological therapy					
Adult gastroenterologist	4.8% (1)	33.3% (7)	52.4% (11)	9.5% (2)	0% (0)
Paediatric gastroenterologists	0% (0)	20.6% (7)	65.6% (21)	5.9% (2)	11.8% (4)
Total	1.8% (1)	25.5% (14)	58.2% (32)	7.3 (4)	7.3% (4)
<i>p-value</i> *	0.220				
Prevention and correction of undernutrition					
Adult gastroenterologist	4.8% (1)	19% (4)	47.6% (10)	14.3% (3)	14.3% (3)
Paediatric gastroenterologists	5.9% (2)	2.9% (1)	52.9% (18)	20.6% (7)	17.6% (6)
Total	5.5% (3)	9.1% (5)	50.9% (28)	18.2% (10)	16.4% (9)
<i>p-value</i> *	0.421				
Induction of remission in active CD					
Adult gastroenterologist	23.8% (5)	19% (4)	42.9% (9)	14.3% (3)	0% (0)
Paediatric gastroenterologists	2.9% (1)	20.6% (7)	32.4 (11)	26.5% (9)	17.6% (6)
Total	10.9% (6)	20% (11)	36.4% (20)	21.8% (12)	10.9% (6)
<i>p-value</i> *	0.036				
Induction of remission in active UC					
Adult gastroenterologist	42.9% (9)	38.1% (8)	14.3% (3)	4.8% (1)	0% (0)
Paediatric gastroenterologists	38.2% (13)	29.4% (10)	23.5% (8)	2.9% (1)	5.9% (2)
Total	40% (22)	32.7% (18)	20% (11)	3.6% (2)	3.6% (2)
<i>p-value</i> *	0.765				
Preoperative optimization					
Adult gastroenterologist	0% (0)	4.8% (1)	57.1% (12)	23.8% (5)	14.3% (3)
Paediatric gastroenterologists	11.8% (4)	11.8% (4)	47.1% (16)	14.7% (5)	14.7% (5)
Total	7.3% (4)	9.1% (5)	50.9% (28)	18.2% (10)	14.5% (8)
<i>p-value</i> *	0.474				
Management of complications (fistula, strictures, abscess)					
Adult gastroenterologist	0% (0)	14.3% (3)	66.7% (14)	9.5% (2)	9.5% (2)
Paediatric gastroenterologists	8.8% (3)	14.7% (5)	58.8% (20)	11.8% (4)	5.9% (2)
Total	5.5% (3)	14.5% (8)	61.8% (34)	10.9% (6)	7.3% (4)
<i>p-value</i> *	0.799				

*P-value indicate the statistical difference in proportions between groups (using Fisher's exact tests)

Table S2: Characteristics of EN practices carried by gastroenterologist who are currently recommending EN in patients with IBD

EN characteristic variables	Adult gastroenterologists (n= 21) % (n)	Pediatric gastroenterologists (n=34) % (n)	Total (n= 55) % (n)	<i>p-value</i> *
Common route of feeding				
Start orally and switch to tube feeding only if not tolerated	85.7% (18)	91.2% (31)	89.1% (49)	0.664
Start with tube feeding and switch to oral only if patient unwilling/unable	14.3% (3)	8.8% (3)	10.9% (6)	
First Choice formula type				
Standard formula	33.3% (7)	35.3% (12)	34.5% (19)	0.078
IBD formula (e.g. Modulen)	42.9% (9)	58.8% (20)	52.7% (29)	
Elemental (e.g. Vivonex)	0% (0)	2.9% (1)	1.8% (1)	
Semi-elemental (e.g. Peptamen)	0% (0)	0% (0)	0% (0)	
Formula selection by dietitian	23.8% (5)	2.9% (1)	10.9% (6)	
Methods of evaluating EN success[§]				
Endoscopy				
Improvement of clinical disease activity index such as (CDAI)	19% (4)	29.4% (10)	25.5% (14)	0.391
Improvement of symptoms	42.9% (9)	76.5% (26)	63.6% (35)	0.012
Nutritional (weight gain)	33.3% (7)	76.5% (26)	60% (33)	0.002
CRP level	76.2% (16)	79.4% (27)	78.2% (43)	1.000
ESR level	14.3% (3)	52.9% (18)	38.2% (21)	0.004
Faecal calprotectin	14.3% (3)	52.9% (18)	38.2% (21)	0.004
Imaging	14.3% (3)	44.1% (15)	32.7% (18)	0.22
	19% (4)	17.6% (6)	18.2% (10)	1.000
Frequency of recommending PEN in IBD management				
Never 0% of the time	9.5% (2)	5.9% (2)	7.3% (4)	0.949
Rarely ~10% of the time	14.3% (3)	14.7% (5)	14.5% (8)	
Sometimes ~25% of the time	61.9% (13)	55.9% (19)	58.2% (32)	
Regularly ~50% of the time	9.5% (2)	11.8% (4)	10.9% (6)	
Frequently >75% of the time	4.8% (1)	11.8% (4)	9.1% (5)	
Frequency of recommending EEN in IBD management				
Never 0% of the time	23.8% (5)	11.8% (4)	16.4% (9)	0.000
Rarely ~10% of the time	61.9% (13)	11.8% (4)	30.9% (17)	
Sometimes ~25% of the time	0% (0)	44.1% (15)	27.3% (15)	
Regularly ~50% of the time	9.5% (2)	17.6% (6)	14.5% (8)	
Frequently >75% of the time	4.8% (1)	14.7% (5)	10.9% (6)	

*P-value indicates the statistical difference in proportions between groups (using Chi-square and Fisher's exact tests)

§Percentages do not add to be 100% because this is a multiple response variable (participants selected more than one option)