Supplementary material

Supplementary Appendix 1 Comparison of demographic and clinical characteristics according to endoscopic grading of ischemic colitis: Group A ("minor ulcers") versus group B ("major ulcers")

Characteristics	Entire population (n=227)	Grade 2 or 3, Group B (n=90)	Grade 1, Group A (n=137)	ORs [95% CI]	P-value
Age, yo					
mean (SD)	72.7 (16.2)	74.9 (15.7)	71.3 (16.4)	1.01 (1.00-1.03)	0.098
Gender, n (%)					
Male	60 (26.4)	24 (26.7)	36 (26.3)	1	
Female	167 (73.6)	66 (73.3)	101 (73.7)	1.02 (0.55-1.86)	0.948
Pain symptom, n (%)					
No	38 (16.7)	14 (15.6)	24 (17.5)	1	
Yes	189 (83.3)	76 (84.4)	112 (82.5)	1.15 (0.57-2.42)	0.699
Diarrhea symptom, n (%)					
No	106 (46.7)	41 (45.6)	65 (47.4)	1	
yes	121 (53.3)	49 (54.4)	72 (52.6)	1.08 (0.63-1.85)	0.780
Rectal Bleeding symptom, n (%)					
Yes	194 (85.5)	76 (84.4)	118 (86.1)	1	
No	33 (14.5)	14 (15.6)	19 (13.9)	1.14 (0.53-2.41)	0.724
History of IC, n (%)					
No	199 (87.7)	81 (90.0)	118 (86.1)	1	
Yes	26 (11.5)	9 (10.0)	17 (12.4)	1.81 (0.73-5.13)	0.225
Missing value	2 (0.8)	0 (0.0)	2 (1.5)	NE	NE
Diabetes, n (%)					
Yes	30 (13.2)	13 (14.4)	17 (12.4)	1	
No	197 (86.8)	77 (85.6)	120 (87.6)	0.44 (0.16-1.07)	0.090
Hypertension, n (%)					
No	83 (36.6)	28 (31.1)	55 (40.1)	1	
Yes	144 (63.4)	62 (68.9)	82 (59.9)	1.49 (0.85-2.63)	0.167
Smoking, n (%)					
No	207 (91.2)	80 (88.9)	127 (92.7)	1	
Yes	20 (8.8)	10 (11.1)	10 (7.3)	1.59 (0.63-4.03)	0.325
Dyslipidemia, n (%)					
Yes	65 (28.6)	28 (31.1)	37 (27.0)	1	
No	162 (71.4)	62 (68.9)	100 (73.0)	0.82 (0.46-1.48)	0.504
Ischemic Vascular Disease, n (%)					
No	147 (64.2)	53 (58.9)	94 (68.6)	1	
Yes	80 (35.8)	37 (41.1)	43 (31.4)	1.53 (0.88-2.66)	0.134
Hemoglobin, g/dL, n (%)					
Mean (SD)	13.3 (1,7)	13.3 (1,6)	13.2 (1,8)	1.04 (0.89-1.22)	0.639
Platelets modification, n (%)					
No	15 (6.6)	3 (3.3)	12 (8.8)	1	
Yes	212 (93.4)	87 (96.7)	125 (91.2)	2.78 (0.85-12.5)	0.121

(Contd)

Supplementary Appendix 1 (*Continued*)

Characteristics	Entire population (n=227)	Grade 2 or 3, Group B (n=90)	Grade 1, Group A (n=137)	ORs [95% CI]	P-value
Lactate elevation n (%)					
0	189 (83.3)	74 (82.2)	115 (83.9)	1	
1	20 (8.8)	10 (11.1)	10 (7.3)	1.55 (0.61-3.96)	0.349
2	18 (7.9)	6 (6.7)	12 (8.8)	0.78 (0.26-2.09)	0.628
Lipase, n (%)					
0	25 (11.0)	10 (11.1)	15 (10.9)	1	
1	191 (84.1)	76 (84.4)	115 (83.9)	0.99 (0.43-2.39)	0.984
2	11 (4.9)	4 (4.5)	7 (5.2)	0.86 (0.18-3.65)	0.837
Oral Contraceptives, n (%)					
0	103 (45.4)	44 (48.9)	59 (43.1)	1	
1 or 2	124 (54.6)	46 (51.1)	78 (56.9)	0.79 (0.46-1.35)	0.389
Leukocytosis or creatinine ≥1.5mg/dL, n (%)					
No	77 (33.9)	23 (25.6)	54 (39.4)	1	
Yes	150 (66.1)	67 (74.4)	83 (60.6)	1.90 (1.07-3.44)	0.032
Colon location, n (%)					
Rectum-sigmoid colon	69 (30.4)	25 (27.8)	44 (32.2)	1	
Descending colon	126 (55.5)	51 (56.7)	75 (54.7)	1.20 (0.66-2.21)	0.561
Proximal colon	32 (14.1)	14 (15.5)	18 (13.1)	1.38 (0.58-3.22)	0.471
Length of hospitalization, days					
Mean (SD)	5.2 (1.7)	5.5 (1.9)	5.1 (1.5)	1.13 (0.96-1.32)	0.149

SD, standard deviation; yo, years old; OR, odd ratio

Supplementary Appendix 2 Comparison of demographic and clinical characteristics according to leukocytes count and creatinine levels: abnormal, either alteration of leukocytes count or creatinine levels ≥ 1.5 mg/, n (%) vs. normal, patients without alteration of leukocytes count and creatinine levels < 1.5 mg/dL

Characteristics	Entire population (n=227)	Abnormal (n=150)	Normal l (77)	ORs [95% CI]	P-value
Age, yo					
mean (SD)	72.7 (16.2)	72.6 (16.7)	73.0(15.3)	1.00 (0.98-1.02)	0.862
Gender, n(%)					
Female	60 (26.4)	44 (29.3)	16 (20.8)	1	
Male	167 (73.6)	106 (70.7)	61 (79.2)	1.58 (0.84-3.11)	0.168
History of IC, n (%)					
No	199 (87.7)	129 (86.0)	70 (90.9)	1	
Yes	26 (11.5)	20 (13.3)	6 (7.8)	1.51 (0.64-3.98)	0.369
Missing value	2 (0.8)	1 (0.7)	1 (1.3)	NE	NE
Diabetes, n (%)					
Yes	30 (13.2)	24 (16.0)	6 (7.8)	1	
No	197 (86.8)	126 (84.0)	71 (92.2)	0.44 (0.16-1.07)	0.090
Hypertension, n (%)					
No	83 (36.6)	48 (32.0)	35 (45.5)	1	
Yes	144 (63.4)	102 (68.0)	42 (54.5)	1.77 (1.01-3.12)	**0.047**
Smoking, n (%)					
No	207 (91.2)	136 (90.7)	71 (92.2)	1	
Yes	20 (8.8)	14 (9.3)	6 (7.8)	0.82 (0.28-2.14)	0.698
Dyslipidemia, n (%)					
Yes	65 (28.6)	48 (32.0)	17 (22.1)	1	
No	162 (71.4)	102 (68.0)	60 (77.9)	0.60 (0.31-1.12)	0.119
Ischemic Vascular Disease, n (%)					
No	147 (64.2)	91 (60.7)	56 (72.7)	1	
Yes	80 (35.8)	59(39.3)	21 (27.3)	1.73 (0.96-3.19)	**0.073**
Hemoglobin, g/dL, n (%)					
mean, (SD)	13.3 (1,8)	13.3 (1,6)	13.3 (1,9)	1.01 (0.86-1.18)	0.925
Platelets, n (%)					
No	15 (6.6)	11 (7.3)	4 (7.2)	1	
Yes	212 (93.4)	139 (92.7)	73 (92.8)	0.69 (0.19-2.10)	0.541
Lactate, n (%)					
0	189 (83.3)	122 (81.4)	67 (87.0)	1	
1	20 (8.8)	14 (9.3)	6 (7.8)	1.28 (0.49-3.8)	0.628
2	18 (7.9)	14 (9.3)	4 (5.2)	1.92 (0.65-6.9)	0.266
Lipasi, n (%)					
0	25 (11.0)	15 (10.0)	10 (13.0)	1	
1	191 (84.1)	128 (85.3)	63 (81.8)	1.35 (0.56-3.45)	0.487
2	11 (4.9)	7 (4.7)	4 (5.2)	1.17 (0.27-5.43)	0.837
Length of hospitalization, days					
Mean (SD)	5.2 (1.7)	5.3 (1.7)	5.1 (1.6)	1.08 (0.92-1.30)	0.332
ICs grade (dichotomized)					
1	137 (60.4)	83 (55.3)	54 (70.1)	1	
2 or 3	90 (39.6)	67 (44.7)	23 (29.9)	1.90 (1.07-3.44)	**0.032**

SD, standard deviation; yo, years old; OR, odd ratio; IC, ischemic colitis