

Supplementary Table 5. Risk factors of ulcerative colitis-related operation in ulcerative colitis patients

Characteristic	Univariate analysis		Multivariate analysis	
	7-Year cumulative rate, %	p value	HR (95% CI)	p value
Baseline at diagnosis				
Age, yr		0.430		
≥ 20	5.7		Reference	
< 20	5.1		1.45 (0.41–5.17)	0.567
Sex		0.389		
Female	4.8		Reference	
Male	3.0		0.59 (0.26–1.31)	0.192
Body mass index, kg/m ²		0.642		
≥ 23	4.1		Reference	
< 23	4.7		0.97 (0.46–2.07)	0.937
Family history of IBD		0.453		
No	4.5		Reference	
Yes	0.0		-	-
Smoking status		0.537		
No	5.9		Reference	
Yes	3.6		1.17 (0.42–3.27)	0.766
Disease activity at diagnosis		0.001		
Mild	3.5		Reference	
Moderate	4.6		1.14 (0.42–3.06)	0.796
Severe	13.1		2.24 (0.72–6.95)	0.163
Montreal classification of extent of UC		0.000		
E1 (ulcerative proctitis)	2.0		Reference	
E2 (left-sided UC)	2.4		0.70 (0.24–2.02)	0.507
E3 (extensive UC)	8.2		2.33 (1.01–5.40)	0.049
Treatment				
UC-related admission		0.000		
No	0.7		Reference	
Yes	8.4		6.94 (1.50–32.21)	0.013
Medication				
Oral steroids				
No	3.0	0.029	Reference	
Yes	4.8		3.18 (1.46–6.80)	0.004
IV steroids		0.000		
No	1.8		Reference	
Yes	12.8		2.62 (1.14–6.05)	0.024
Immunosuppressants		0.000		
No	2.2		Reference	
Yes	6.6		0.83 (0.37–1.86)	0.645
Infliximab		0.246		
No	4.0		Reference	
Yes	1.2		0.12 (0.02–0.89)	0.038

HR, hazard ratio; CI, confidence interval; IBD, inflammatory bowel disease; UC, ulcerative colitis; IV, intravenous.