

Supplementary Table 1 The disease activity index scoring system used to score symptoms of colitis

Score	Weight loss (%)	Stool consistency	Occult/gross bleeding
0	No weight loss	Normal	N/A
1	1-5	Mild soft	-
2	6-10	Soft and wet	Haemoccult positive
3	11-20	Half-loose stool	-
4	> 20	Loose stool	Gross bleeding

Supplementary Table 2 Colon macroscopic damage index evaluation

Score	Component
0	No damage
1	Hyperaemia
2	Hyperaemia and thickening without ulceration
3	Ulceration at a single site
4	Two or more sites of ulceration or inflammation
5	Ulceration or inflammation extending >1 cm along the length of the colon
6	Damage covering > 2 cm along the length of the colon, with the score being increased by 1 for each additional centimetre of involvement

Supplementary Table 3 Tissue damage index evaluation

Score	Feature	Feature
0	Ulcer	None
1		Ulcer
0	Lymphocyte infiltration	None
1		Appear
0	Neutrophil infiltration	None
1		Appear
0	Fibrosis	None
1		Appear
0	Recess	Normal
1		Appear
0	Oedema	None
1		Appear