

Table 1. The calculation of disease activity index

Score	Wight loss (%)	Stool blood	Stool consistency
0	<1	Negative	normal
1	1-5	Negative	Loose stools
2	5-10	Hemoccult positive	Loose stools
3	10-15	Hemoccult positive	Diarrhea
4	>15	Gross bleeding	Diarrhea
Disease activity index (DAI)		(Weight loss+ Stool blood+ Stool consistency)/3	

Table 2. The calculation of macroscopic damage score

Score	Fecal blood	Diarrhea	Colon damage	Colon length shortening (%)	Colon weight loss (%)
0	Absence	No diarrhea	no inflammation	<5	<5
1	presence	loosely shaped moist pellets	reddening, mild inflammation	5-14	5-14
2		amorphous, moist, sticky pellets	moderate inflammation or more widely distributed	15-24	15-24
3		diarrhea	severe inflammation and/or extensively distributed	25-35	25-35
4			Gross bleeding	>35	>35
Macroscopic damage score		Summation of the five sub-items			

Table 3. The calculation of microscopic damage score

Score	Goblet cell depletion	Crypt abscesses	Destruction of mucosal architecture	Extent of muscle thickening	Cellular infiltration
0	Absence	Absence			
1	presence	presence	normal	normal	normal
2			moderate	moderate	moderate
3			extensive	extensive	transmural
Microscopic damage score		Summation of the five sub-items			