

Mayo Endoscopic Scoring of Ulcerative Colitis

Mayo scores were used in ACT I & II, the pivotal Remicade studies in ulcerative colitis.

Patients with a Mayo score of 6 or more have moderately-to-severely active disease and may be uncontrolled

Mayo Score = Stool Frequency + Rectal Bleeding + Endoscopic Findings + Physician's Global Assessment = Total

Stool Frequency[†]

Normal number of stools for this patient	0
1 to 2 stools more than normal	1
3 to 4 stools more than normal	2
5 or more stools more than normal	3

Enter value in box

Rectal Bleeding[‡]

No blood seen	0
Streaks of blood with stool less than half of the time	1
Obvious blood with stool most of the time	2
Blood alone passed	3

Enter value in box

Endoscopic Findings

Normal or inactive disease	0
Mild disease (erythema, decreased vascular pattern, mild friability)	1
Moderate disease (marked erythema, absent vascular pattern, friability, erosions)	2
Severe disease (spontaneous bleeding, ulceration)	3

Enter value in box

Physician's Global Assessment[§]

Normal	0
Mild disease	1
Moderate disease	2
Severe disease	3

Enter value in box

Adapted from Schroeder[¶]

Add values from above

TOTAL

Remission = ≤2* Mild = 3-5 Moderate = 6-10 Severe = 11-12
 Mayo score ranges from 0 to 12

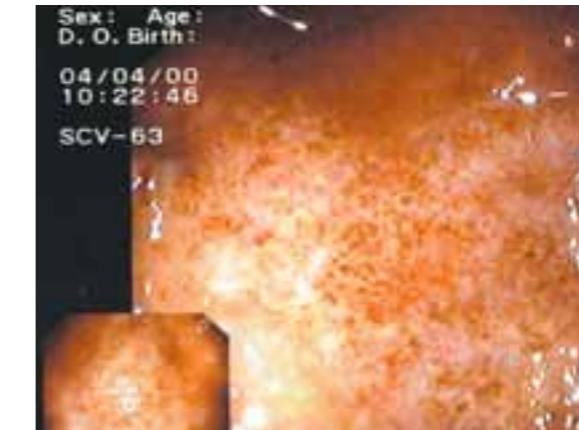
Mayo UC Endoscopic Score = 0
(Normal or inactive disease)



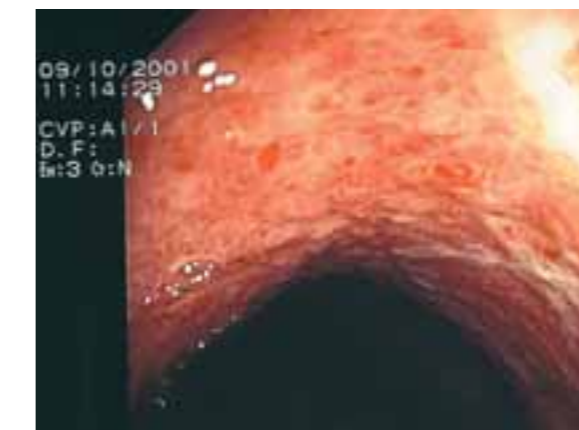
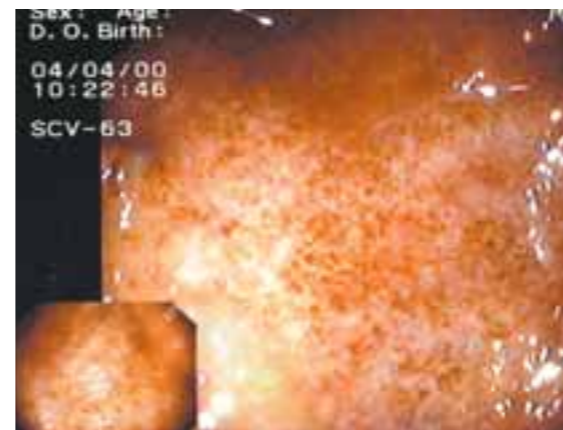
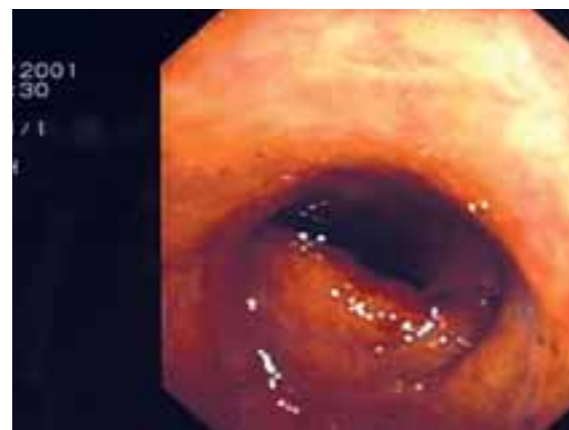
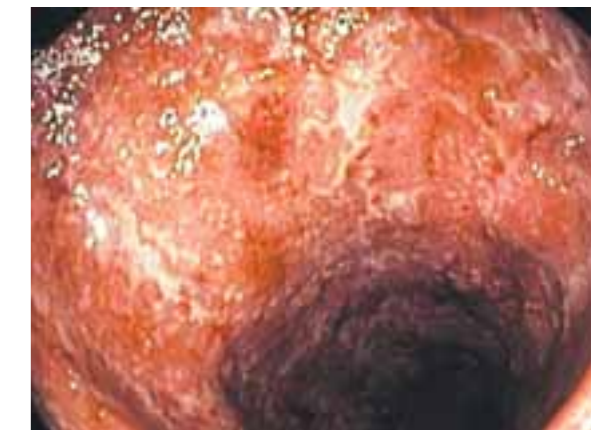
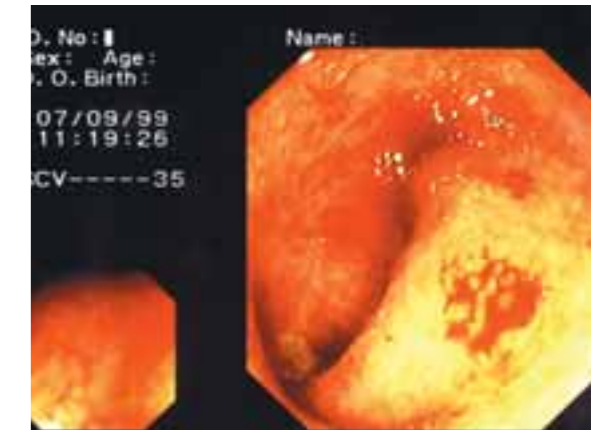
Mayo UC Endoscopic Score = 1
(Mild disease: erythema, decreased vascular pattern, mild friability)



Mayo UC Endoscopic Score = 2
(Moderate disease: marked erythema, absent vascular pattern, friability, erosions)



Mayo UC Endoscopic Score = 3
(Severe disease: spontaneous bleeding, ulceration)



[†] Each patient serves as his or her own control to establish the degree of abnormality of the stool frequency.
[‡] The daily bleeding score represents the most severe bleeding of the day.
[§] The physician's global assessment acknowledges the 3 other criteria, as well as the patient's daily recall of abdominal discomfort, general sense of well-being, and other observations such as physical findings and the patient's performance status.
[¶] With no subscore >1.

Reference:
 1. Schroeder KW et al. *N Engl J Med* 1987; **317**: 1625-9.
 Endoscopic pictures used with the permission of Dr Paul Rutgeerts, Academisch Ziekenhuis Gasthuisberg, Leuven, Belgium.