

ARE RECTAL OR RECTOSIGMOID ENDOSCOPY SUFFICIENT TO ASSESS COMPLETE ENDOSCOPIC OR HISTOLOGICAL HEALING IN ULCERATIVE COLITIS: A CROSS-SECTIONAL STUDY

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Poster

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A prospective study of 80 ulcerative colitis patients found rectosigmoidoscopy correlates almost perfectly with colonoscopy for assessing endoscopic and histological mucosal healing.

KEY POINTS

- The correlation between rectosigmoidoscopy and colonoscopy was almost perfect for MAYO 0 endoscopic healing (kappa 0.949, $p=0$) with only 2 of 80 patients misclassified.
- The correlation for histological healing between rectosigmoidoscopy and colonoscopy was almost perfect (kappa 0.877, $p<0.001$).
- Rectoscopy alone also showed almost perfect correlation with colonoscopy for both MAYO 0 mucosal healing (kappa 0.826, $p<0.001$) and histological healing (kappa 0.8, $p<0.001$).
- The authors conclude that rectosigmoidoscopy is sufficient to assess both endoscopic mucosal healing (MAYO 0 or 0-1) and histological healing in ulcerative colitis, with a false negative rate below 10%.

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