

LEVEL OF FECAL CALPROTECTIN AS PREDICTOR OF COLONIC DIVERTICULOSIS SEVERITY

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Poster

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A study of 360 patients evaluated fecal calprotectin as a non-invasive marker for assessing colonic diverticulosis severity, finding significant correlations with disease classification and distinct cutoff values for mild, moderate, and severe disease.

KEY POINTS

- Fecal calprotectin significantly positively correlated with CRP, neutrophil inflammatory score, and Hinchey classification in patients with diverticulosis
- Mild diverticulosis showed a cutoff greater than 65 with 97.0% sensitivity and 82.8% specificity
- Moderate diverticulosis showed a cutoff between 162 and 175 with 83.3% sensitivity and 96.0% specificity
- Severe diverticulosis showed a cutoff greater than 175 with 85.0% sensitivity and 92.5% specificity
- The study concludes that fecal calprotectin may serve as a predictor of diverticulosis disease severity in non-IBD patients

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