

POUCHITIS

Clinical and Endoscopic indices

Pouchitis Disease Activity Index – PDAI

This score is an 18 point index consisting of three principal components: symptoms, endoscopy findings and histology. It is designed to express acute endoscopic and histological inflammation scores continuously rather than requiring minimum scores.

Criteria	Score
Clinical	
Postoperative stool frequency	
Usual	0
1–2 stools/day more than usual	1
3 or more stools/day more than usual	2
Rectal bleeding	
None or rare	0
Present daily	1
Fecal urgency/abdominal cramps	
None	0
Occasional	1
Usual	2
Fever (temperature >100°F)	
Absent	0
Present	1
Endoscopic	
Edema	1
Granularity	1
Friability	1
Loss of vascular pattern	1
Mucus exudate	1
Ulceration	1
Acute histological	
Polymorph infiltration	
Mild	1
Moderate + crypt abscess	2
Severe + crypt abscess	3
Ulceration per low-power field (average)	
< 25 %	1
≥ 25 %, ≤ 50 %	2
> 50 %	3

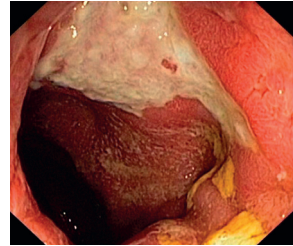


Fig 47. Pouchitis, endoscopic ulceration



Fig 48. Pouchitis, endoscopic friability

NOTE. Pouchitis is defined as a total score of ≥ 7 .
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References: Sandborn WJ et al. Pouchitis after ilial pouch-anal anastomosis: A pouchitis disease activity index. Mayo Clin Proc. 1994. 69:409–415.

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