

TRANSANAL VERSUS CONVENTIONAL ILEAL POUCH-ANAL ANASTOMOSIS IN ULCERATIVE COLITIS: A SYSTEMATIC REVIEW AND META-ANALYSIS OF COMPARATIVE STUDIES

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Poster

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A systematic review and meta-analysis of 4 studies with 858 ulcerative colitis patients found transanal ileal pouch-anal anastomosis had similar complication rates to conventional IPAA, suggesting it is a safe and effective alternative.

KEY POINTS

- The meta-analysis included 4 comparative studies with 338 transanal IPAA and 520 conventional IPAA patients with ulcerative colitis.
- No significant differences were found in anastomotic leak rates (pooled RR 1.72, 95% CI 0.77-3.79, I²=3%), minor complications (pooled RR 0.97, 95% CI 0.68-1.37, I²=75%), or major complications (pooled RR 0.81, 95% CI 0.52-1.27, I²=56%) between the two approaches.
- The authors note that more high-quality randomized controlled trials are needed to confirm these findings and evaluate long-term outcomes.
- This review may be relevant for surgeons and gastroenterologists considering surgical options for patients with medically refractory ulcerative colitis, dysplasia, or colorectal cancer.

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