

(21191) - DOUBLE SINGLE PORT PROCTECTOMY AND ILEAL POUCH ANAL ANASTOMOSIS FOR ULCERATIVE COLITIS: A VIDEO VIGNETTE

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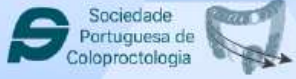
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Background: The advent of minimally invasive transanal (Ta) pouch surgery has introduced a promising approach for ileal pouch anal anastomosis (IPAA) in ulcerative colitis (UC) patients. Transanal dissection of the lower rectum offers precise control at the desired height for a single stapled IPAA, optimizing surgical outcomes.

Aim: to provide a comprehensive step-by-step description of a modified Ta-IPAA technique, with a double single-port approach (trans-stomal and trans-anal).

Case Report: The authors present the case of a 50-year-old woman with a ten-year history of UC, who underwent a total laparoscopic colectomy in 2020 due to acute severe UC refractory to best medical therapy. The surgical specimen was extracted through the ileostomy incision. Restorative proctectomy with Ta-IPAA was scheduled one year later, applying a double single-port technique. This approach combined a trans-stomal single-port laparoscopy for proctectomy and a transanal approach for the completion proctectomy, and the use of a circular stapler for the IPAA. A protective ileostomy was created and subsequently closed three months postoperatively. The patient had a Grade I Clavien-Dindo complication, achieving optimal continence outcomes assessed by the Wexner Score.

Relevance: The use of the double single-port Ta-IPAA technique demonstrates its feasibility and effectiveness, facilitating a precise single-stapled anastomosis while yielding excellent functional results and cosmesis.



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Palavras-chave : Ulcerative Colitis, Surgery, Ta-IPAA, laparoscopy, proctectomy