

10 ml. The patient was discharged on the fourth post-operative day, and at follow-up visit the symptoms had resolved.

Single-incision laparoscopic splenic flexure resection can be safely performed using suprapubic access, which enhances the cosmetic outcome in addition to having the advantages of minimally invasive surgery. Laparoscopic intracorporeal anastomosis is essential and can be performed by a handsewn method.

Disclosure statement

G. Dapri is consultant for Karl Storz-Endoskope, Tuttlingen, Germany. The other authors have no conflict of interest or financial ties to disclose.

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Supporting Information

The video may be found in the online version of this article and also on the Colorectal Disease Journal YouTube and Vimeo channels.

Video S1. <https://www.youtube.com/watch?v=no1I0E33ncA>.

Transanal endolaparoscopic circumferential mucosectomy for symptomatic benign rectal stenosis – a video vignette

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Dear Sir,

Transanal operative endolaparoscopy has become popular since the introduction of total endoscopic

microsurgery more than 30 years ago [1]. Recently, an evolution of laparoscopy called transanal minimally invasive surgery has been described [2].

In this video, a 38-year-old man presenting with a circumferential rectal stricture due to a rectal ulcer underwent a transanal endolaparoscopy procedure. The patient had had three unsuccessful endoscopic dilations previously. Preoperative work-up showed a complete circumferential benign stenosis at 2.5 cm from the anal margin. The procedure was performed with a new reusable transanal platform according to DAPRI (Karl Storz - Endoskope, Tuttlingen, Germany), mainly using a monocurved coagulating hook and a monocurved grasping forceps (Fig. 1a,b). After a 360° mucosectomy had been completed, the mucosal edges were approximated and closed by interrupted absorbable sutures.

The procedure duration was 163 min, with minimal intra-operative blood loss. There were no perioperative complications. The patient was discharged on postoperative day 2. The pathological report confirmed the benign nature of the lesion.

Transanal endolaparoscopy can be effective in managing benign rectal lesions where other treatment modalities have failed.

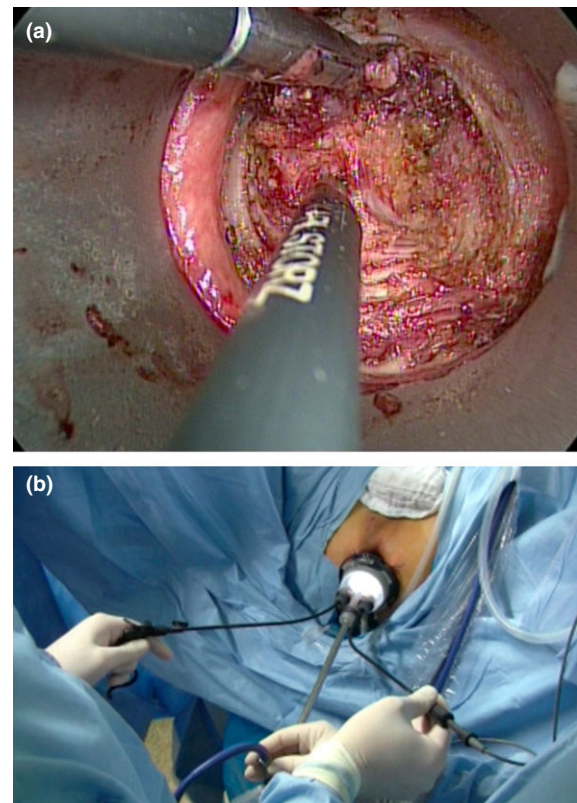


Figure 1 Endoluminal mucosectomy (a) and external transanal platform (b).

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