

Endoscopic suture-based closure of a dehiscent rectal stump



Lower anterior rectal resection (LAR) with discontinuity resection is performed to avoid leakage of the colorectal anastomosis in high risk patients [1]. Unfortunately, rectal stump leakage can occur, and reoperation is associated with high morbidity and mortality. Endoscopic techniques, such as rinsing or vacuum-based therapy, have shown promising results in rectal leak management [2]. Recently, various endoscopic suture-based techniques have been introduced to facilitate gastrointestinal defect closure and leak or fistula management [3]. We describe the case of a 66-year-old man with rectal stump leakage, presenting to our unit 12 days after LAR and discontinuity resection. We opted for a two-step approach with initial suturing of the large post-surgical defect using the through-the-scope X-Tack Endoscopic HeliX Tacking System (Apollo Endosurgery, Austin, Texas, USA) (▶ **Video 1**).

Endoscopy_UCTN_Code_TTT_1AQ_2AK

Conflict of Interest

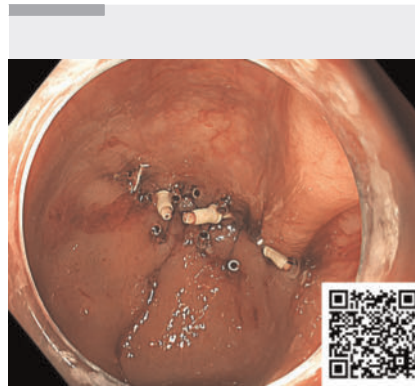
The authors declare that they have no conflict of interest.

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▶ **Video 1** Endoscopic tack-and-suture technique for closure of a rectal stump dehiscence with a through-the-scope suturing device.

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Endoscopy 2024; 56: E381

DOI 10.1055/a-2304-8401

ISSN 0013-726X

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