Removal of an over-the-scope clip using the over-the-scope clip-removal system before performing polypectomy of the recurrent polyp

We present the case of a 64-year-old woman with no significant past medical history who was found during a screening colonoscopy to have a 45-mm sessile polyp at the hepatic angle. The initial resection attempt was complicated by massive spurting bleeding, which was controlled by adrenaline injection and the application of eight hemoclips. During the next colonoscopy, we observed adenomatous tissue with significant fibrosis and decided to perform endoscopic full-thickness resection (EFTR) with a “close and cut” technique using a 14/6 over-the-scope (OTS) clip (Ovesco Endoscopy AG, Tübingen, Germany) [1, 2]. This resection was performed without any complications and the patient was discharged after 24 hours.

At follow-up colonoscopy, performed after 6 months, we observed adenomatous tissue with low grade dysplasia that was confirmed histologically growing around the clip (Fig.1). Therefore, we decided to remove the OTS clip and make a new attempt to resect the adenoma. We used a specific OTS clip-removal system (remOVE; Ovesco Endoscopy AG) to cut the clip [3, 4]; however, because of tissue overgrowing across the thinner area of the OTS clip, it was necessary to cut it into four pieces (Fig.2; Video 1). We then excluded perforation or any other complication and performed a piecemeal resection, achieving resection by electrocoagulation with the tip of a snare. The patient was discharged after a couple of hours of observation. The histology of the sample showed chronic inflammatory changes without adenomatous tissue.

The OTS clip-removal system is a safe technique for removing OTS clips and can be combined with a new attempt at endoscopic mucosal resection without complications.

Competing interests

The authors declare that they have no conflict of interest.

The authors

Jorge Pérez, Francisco Garrido, María Dolores Pérez, Jose Carlos Villa, Angel Ponferrada, Alvaro Martínez-Alcalá
Infanta Leonor University Hospital, Madrid, Spain

Corresponding author

Alvaro Martínez-Alcalá, MD
Infanta Leonor University Hospital, Avenida Gran vía del este 80, 28031 Madrid, Spain alvaromalcala@gmail.com
References


Bibliography

Endoscopy
DOI 10.1055/a-1953-7745
ISSN 0013-726X
published online 2022
© 2022. The Author(s).

This is an open access article published by Thieme under the terms of the Creative Commons Attribution-NonDerivative-NonCommercial License, permitting copying and reproduction so long as the original work is given appropriate credit. Contents may not be used for commercial purposes, or adapted, remixed, transformed or built upon. (https://creativecommons.org/licenses/by-nc-nd/4.0/)

Georg Thieme Verlag KG, Rüdigerstraße 14, 70469 Stuttgart, Germany

Endoscopy E-Videos is an open access online section, reporting on interesting cases and new techniques in gastroenterological endoscopy. All papers include a high quality video and all contributions are freely accessible online. Processing charges apply (currently EUR 375), discounts and waivers acc. to HINARI are available.

This section has its own submission website at https://mc.manuscriptcentral.com/e-videos