

EP-189 - ENDOLOOP-ASSISTED POLYPECTOMY EASED BY HEMOCLIP USING A SINGLE-CHANNEL COLONOSCOPE

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Polypectomy of large pedunculated polyps is associated with postpolypectomy hemorrhage. The risk of postpolypectomy bleeding can be reduced with preventive techniques, such as preligation with an endoloop; however, the placement of the ligating loop can be difficult, particularly if the polyp head is large or the lumen is narrow, such as in the left side of the colon. We present an option for how to solve this technical problem.

A 68-year-old man was referred to our endoscopy unit for polypectomy of colorectal adenomas detected during a colonoscopy carried out at a private office. Colonoscopy was performed at our department and a semi-pedunculated polyp, 25-30mm in size with a 20-mm wide flat stalk, was identified in the hepatic flexure. For safe and complete resection of the polyp, an endoloop-assisted polypectomy was performed. First, the single-channel colonoscope (Olympus) was retrieved and an over-the-scope detachable snare loop (Endoloop; Olympus) was fixed along the endoscope using tape. Then, an hemoclip was passed through the endoscope working channel, catching the opened extremity of the Endoloop. The colonoscope with the attached Endoloop was once again inserted till the polyp and, with the aid of the hemoclip, the Endoloop was easily and correctly positioned around the base of the stalk. Finally, conventional diathermic snare was used to cut the stalk under direct vision. A complete en bloc resection was achieved and no complications were reported. Histological examination confirmed the polyp to be a tubular adenoma with low grade dysplasia (R0).

Endoscopic removal of large pedunculated polyps could be technically demanding and with higher bleeding risk. The clip-fixed over-the-scope endoloop technique appeared as a very helpful endoscopic approach for resection of this large polyp, allowing the correct positioning of the endoloop around the stalk. To the best of our knowledge, this is the first application of this technique.