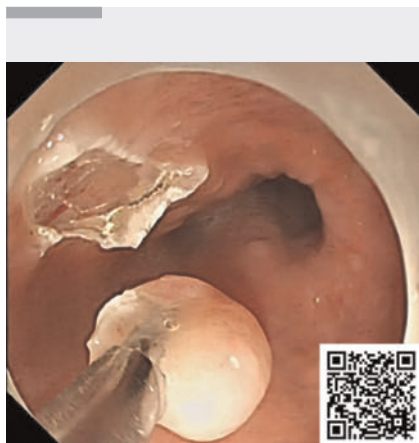


A “clip-and-snare” assisted endoscopic mucosal resection for an esophageal submucosal tumor

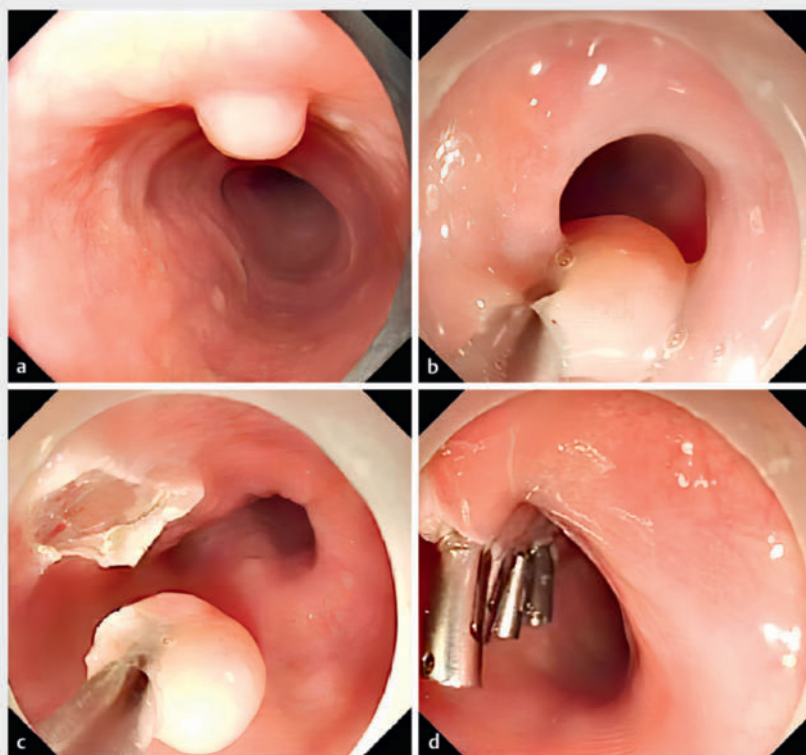
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▶ Video 1 A clip-and-snare assisted endoscopic mucosal resection (CS-EMR) technique for an esophageal submucosal tumor.

The clip-and-snare assisted endoscopic mucosal resection (CS-EMR) technique is a new and simple treatment option [1]. Here, we present a case of esophageal submucosal tumor resected with CS-EMR, which can easily remove the submucosal tumors completely (▶ **Video 1**).

A 68-year-old man was referred for the endoscopic treatment of an esophageal submucosal tumor (6 mm). Gastroscopy showed a yellowish lesion. We used the transparent cap to cover the distal end of the endoscope, set a snare on the transparent cap, and inserted a clip into the channel in advance. The clip grasped the mucosa around the tumor, transforming the lesion into a “pedunculated polyp.” The snare was released and trapped the root of the lesion. The tumor was resected completely. The wound was closed by clips (▶ **Fig. 1**). Histological examination of the resected specimen revealed a submucosal spindle cell tumor. Pathological evaluation revealed a 0.7×0.6×0.6-cm mass; R0 resection was achieved.



▶ Fig. 1 Endoscopic treatment of an esophageal submucosal tumor using the clip-and-snare assisted endoscopic mucosal resection (CS-EMR) technique. **a** Gastroscopy showed a yellowish lesion. **b** The snare was released and trapped the root of the lesion. **c** The tumor was resected completely. **d** The wound was closed by clips.

For esophageal submucosal tumors invading the submucosa, CS-EMR can be used to resect them efficiently and safely. We can choose different clip sizes depending on the size of the tumor. Therefore, CS-EMR can be one of the options for endoscopic resection of submucosal tumors of the esophagus.

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Conflict of Interest

The authors declare that they have no conflict of interest.

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Reference

- [1] Liu S, Liu W-H, Gong Y et al. Cut the weeds and dig up the roots: clip-and-snare assisted endoscopic mucosal resection of a rectal neuroendocrine tumor. *Endoscopy* 2020; 53: E13–E14. doi:10.1055/a-1163-7140

Bibliography

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