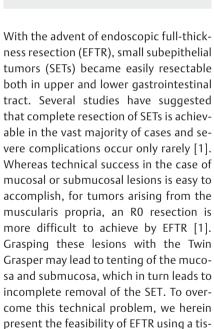
# Modified full-thickness resection of a small subepithelial tumor with the help of a corkscrew



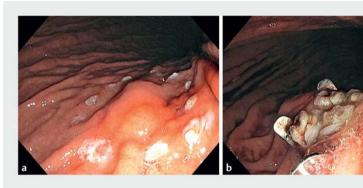
▶ Fig. 1 Endosonographic image of a subepithelial tumor in the proximal gastric corpus.



dosurgery Inc., Austin, Texas, USA). We describe the case of a 75-year-old patient who was referred for removal of an incidental SET in the proximal gastric corpus. Endosonography suggested a small gastrointestinal stromal tumor (GIST) (Fig.1). After the lesion had been marked (Fig.2a), the gastroduodenal EFTR device (Ovesco, Tübingen, Germany) was mounted onto the endoscope and the helix device was advanced

sue-retracting helix device that was originally designed as part of the OverStitch

endoscopic suturing system (Apollo En-



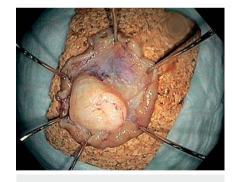
▶ Fig. 2 Endoscopic images showing: a the tumor after it had been marked; b the closed resection site.





▶ Video 1 Modified full-thickness resection of a subepithelial tumor with the help of a corkscrew device.

through the working channel. Once the endoscope was centered over the lesion, it was gradually punctured with the helix; the device was then manually rotated (like a corkscrew), resulting in tissue approximation. After this "fixation" procedure, it was easy to retract the lesion into the cap using gentle suction. The SET was then resected in the usual fashion, with adequate closure of the resection site (> Fig. 2b; > Video 1). The resected specimen (> Fig. 3) was shown histologically to be a completely resected leiomyoma.



► **Fig. 3** Photograph of the resected tumor.

In summary, resection of a SET arising from the muscularis propria using the helix device is technically feasible and may overcome the risk of incomplete resection. Further studies are, however, needed to support this hypothesis.

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# Competing interests

The authors declare that they have no conflict of interest.

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## **Bibliography**

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