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Summary

ENDOCUFF ASSISTED DUODENAL ENDOSCOPIC MUCOSAL RESECTION WITH A COLONOSCOPE: THINKING OUT OF THE BOX

Evangelos Voudoukis

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Oesophagus

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A duodenal bulb lateral spreading tumor in a patient with familial adenomatous polyposis was successfully resected using an endocuff-mounted colonoscope after standard gastroduodenoscope approaches failed.

KEY POINTS

- A 65-year-old male with familial adenomatous polyposis had a 2 cm lateral spreading tumor in the lower duodenal bulb with intrapyloric extension that could not be adequately visualized or lifted with a gastroduodenoscope or standard colonoscope.
- Mounting an ENDOCUFF VISION device on the colonoscope tip achieved stable intrapyloric scope position and enabled successful piecemeal endoscopic mucosal resection of the lesion.
- Pathology revealed tubulovillous adenoma with low and focal high-grade dysplasia; argon plasma coagulation was applied to resection margins and repeat endoscopy was scheduled for 3 months.
- The authors report this as the first documented case of duodenal EMR performed with an endocuff-assisted colonoscope and suggest the technique may help with difficult-to-access duodenal polyps.

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