Polypoid lesions following surgical correction of bladder extrophy

A 28-year-old man with chronic diarrhea was referred for colonoscopy. He had been diagnosed as having urinary bladder extrophy at birth, which was surgically repaired with bilateral ureterosigmoidostomy to divert the flow of urine. He had no fecal or urinary incontinence. Both abdominal and testicular ultrasound scans were normal.

Colonoscopy revealed two sessile polyps in the sigmoid area (Fig. 1). The polyps were 3–4 mm in diameter and at a distance of 5 cm from each other. These two “polyplike” structures corresponded to the sigmoid orifices of the two ureters. Ureterosigmoidostomy exposes the colon to a carcinogenic mixture of urine and feces, which necessitates annual follow-up examinations to monitor malignant transformation in the sigmoid colon and the rectal area [1]. The polypoid or polypoid-like lesions should not be removed inadvertently by endoscopic polypectomy in patients who have had ureterosigmoidostomy to avoid damaging the anastomosis, which could result in urinary leakage [2].

Endoscopy_UCTN_Code_CCL_1AD_2AC

E. Kaufman, M. Fried
Division of Gastroenterology and Hepatology, Department of Internal Medicine, University Hospital of Zurich, Zurich, Switzerland

References

Bibliography
Endoscopy 2009; 41: E323
© Georg Thieme Verlag KG Stuttgart · New York · ISSN 0013-726X

Corresponding author
Dr. E. Kaufman
Division of Gastroenterology and Hepatology, Department of Internal Medicine, University Hospital of Zurich
Ramistraße 100
Zurich 8091
Fax: +41442554591
elad.kaufman@usz.ch

Fig. 1 a, b Polypoid lesions (arrows) at the sigmoid orifices of the diverted ureters in a patient with a history of bladder extrophy.