A 79-year-old woman underwent gastro-duodenoscopy because of anemia. A gastric polyp was diagnosed as an incidental finding. The polyp was located in the gastric antrum and measured about 2 cm (Fig. 1). It was of a hard consistency, with bridging folds and a positive lifting sign. The overlying mucosa was intact. Using the narrow-band imaging technique the tumor was seen to have asteroid-shaped mucosal pits and no vascular abnormalities suggestive of malignancy (Fig. 2). Biopsies were taken and showed chronic, Helicobacter-pylori-negative gastritis. Endoscopic ultrasonography was performed and showed an echogenic nodule within the submucosa (Fig. 3). For diagnostic and therapeutic purposes we decided to remove the tumor and performed an endoscopic submucosal dissection (Fig. 4). The histological examination revealed an adenoma of the pyloric-gland type. There was no evidence of malignant transformation and the resection was complete (Fig. 5).

Pyloric-gland-type adenomas are mainly located in the stomach [3], but they can be found anywhere in the entire gastrointestinal tract and have been described in heterotopic gastric mucosa of duodenum and rectum, in the pancreas, gallbladder, and bile duct, the esophagus and even the uterine cervix. They occur more frequently in women and in old age. Their clinical significance is shown by their 30% rate of malignant transformation. They are considered to be precancerous lesions and endoscopic removal is indicated [4, 5]. As described in our report, endoscopic submucosal dissection seems to be a highly effective and safe technique.
D. Golger¹, A. Probst¹, T. Wagner², H. Messmann¹
¹ Department of Medicine III, Klinikum Augsburg, Augsburg, Germany
² Department of Pathology, Klinikum Augsburg, Augsburg, Germany

References
5 Schmitz JM, Stolte M. Gastric polyps as pre-cancerous lesions. Gastrointest Endosc Clin North Am 1997; 7: 29–46

Bibliography
Endoscopy 2008; 40: E110–E111
© Georg Thieme Verlag KG Stuttgart - New York
ISSN 0013-726X

Corresponding author
D. Golger MD
Department of Medicine III
Klinikum Augsburg
Augsburg
Germany
danielagolger@gmx.net