An 80-year-old woman with a history of diabetes and arrhythmia underwent colonoscopy on 28 August 2000, because of a positive fecal occult blood test. An elevated tumor measuring 20 mm was found in the rectum (Fig. 1 a). Biopsy of three different sites revealed well differentiated adenocarcinoma. Subsequently, on 15 September she suffered a cerebral infarction, which resulted in paralysis of the left side and aphasia. Informed consent to cancel surgery and transfer the patient to a local rehabilitation hospital was obtained from the family.

Colonoscopy was repeated on 5 December 2000 at the bedside, to re-evaluate the state of the tumor before hospital transfer. Endoscopy showed that most of the tumor had dropped off (Fig. 1 b). On 11 March 2003, a request was received from the hospital to which she had been transferred to investigate a suspected intestinal obstruction. Colonoscopic examination revealed that the partially dislodged tumor remained as a flat lesion (Fig. 1 c). Impaired gastrointestinal transit was due to constipation. Repeat examination was scheduled for 6 months later.

On 11 November 2003, the tumor had increased in volume and redness, and biopsy showed well differentiated adenocarcinoma (Fig. 1 d). The family declined active treatment and the clinical course was observed.

On 22 June 2004, the tumor had developed to a state approaching that observed at the first examination (Fig. 1 e), but the family continued to decline surgery.

On 2 May 2005, the tumor had developed to an invasive ulcerated cancer (Fig. 1 f), and multiple liver metastases were observed on abdominal computed tomography scan.

On 20 November 2005, the patient passed away, 1908 days after initial detection of the tumor. This was a rare case in which the process of regrowth of colorectal carcinoma was followed by endoscopic observation, after the tumor had dropped off due to the mechanical stimulation of biopsy [1].

Endoscopy_UCTN_Code_CCL_1AD_2AB

Fig. 1  Endoscopic observation of the regrowth of colorectal carcinoma. a On 15 September 2000, an elevated tumor measuring 20 mm was found in the rectum. b On 5 December 2000, most of the tumor had dropped off. c On 11 March 2003, the partially dislodged tumor remained as a flat lesion. d On 11 November 2003, the tumor had increased in volume and redness. e On 22 June 2004, the tumor had developed to a state approaching that observed at the first examination. f On 2 May 2005, the tumor had developed to an invasive ulcerated cancer.
Y. Tomiki¹, H. Gonda², E. Seki², T. Maeda¹, D. Kitamura²

¹ Department of Coloproctological Surgery, Juntendo University School of Medicine, Tokyo, Japan
² Department of Surgery, Ohta General Hospital, Kawasaki, Japan

References

Bibliography
© Georg Thieme Verlag KG Stuttgart · New York · ISSN 0013-726X

Corresponding author
Y. Tomiki, MD
Department of Coloproctological Surgery
Juntendo University School of Medicine
2-1-1 Hongo Bunkyo-ku
Tokyo 113-8421
Japan
Fax: +81-3-3813-0731
tomiki@muh.biglobe.ne.jp