A 60-year-old woman was admitted to hospital for evaluation of symptomatic anemia. Esophagogastroduodenoscopy revealed a submucosal gastric tumor in the antrum (Figure 1) and probing of this tumor with the tip of the biopsy forceps revealed that it had a solid consistency. A Huibergtse needle-knife (Wilson-Cook, Winston-Salem, North Carolina, USA) was then inserted into the working channel of a standard Olympus Q160 gastroscope (Olympus America, Melville, New York, USA). Once the needle-knife was exposed, a linear incision was made on the center of the submucosal gastric tumor (Figure 2). The incision was performed by moving the up/down control of the endoscope handle, and the depth of the incision was determined by exposing two-thirds of the needle length and by advancing or retracting the shaft of the Huibergtse needle-knife catheter from the endoscopic channel. After an incision 1.5 cm in length had been made (Figure 3), a biopsy forceps (Microvasive Inc., Natick, Massachusetts, USA) was placed in the submucosal mass through the incision. The forceps was opened inside the submucosal gastric tumor and six bites of submucosal tissue were obtained. Histology revealed an adenocarcinoma that was most consistent with a metastatic colon cancer. Colonoscopy confirmed a right-sided colon cancer. Several endoscopic methods have been described for the retrieval of tissue from submucosal gastric tumors, including the use of jumbo biopsy forceps, the “biopsy-on-biopsy” technique, and the combination of strip biopsy and bite biopsy [1]. The use of endoscopic ultrasound-guided fine-needle aspiration is a less accepted method for the diagnosis of gastric submucosal lesions because its sensitivity for cytopathological diagnosis is only 60% [2, 3]. Although the needle-knife was originally described for facilitating biliary endoscopy, several reports have documented its usefulness in the management of intestinal luminal conditions [4, 5]. This case demonstrates a further endoscopic application of the needle-knife for such conditions.

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