A 31-year-old woman was referred to the department of gastroenterology with dysphagia accompanied by odynophagia without weight loss. The patient was immunocompetent and her only medication was synthroid, which she had been taking for the past 15 years due to hypothyroidism. The patient said that she had her first recurrent episodes of odynophagia 7 years previously and recalled that endoscopic examination at that time had revealed severe candida esophagitis. Her symptoms improved after taking medication for 1 month. She was without symptoms for a couple of years, but about 5 years prior to the current presentation, she began to experience dysphagia from time to time when taking pills or swallowing meat, and these episodes had become more frequent and had worsened during the past year. The patient visited a gastroenterologist and underwent endoscopy, which revealed narrowing of the esophagus and whitish plaques scattered throughout the mucosa.

The endoscopy performed at our hospital also revealed esophageal luminal narrowing at 23 cm from the central incisor, with irregular mucosa and multiple whitish exudates (Fig. 1). The scope (GIF-H260, Olympus, Japan) could not pass. Multiple biopsies were taken and revealed fungal infection, consistent with candidiasis, with ulcer and pseudoepitheliomatous hyperplasia. The patient was prescribed fluconazole and at follow-up endoscopy 6 weeks later the esophageal stenosis and mucosal lesion had improved. However, the lumen was still not wide enough for the GIF-H260 to pass and only the GIF-Q260, which has a smaller caliber, could pass through the stricture site (Fig. 2).

During the follow-up at the outpatient department, endoscopy was performed again because the patient complained of gradual worsening of dysphagia with solid foods. Endoscopic examination showed more stenotic lumen through which even the GIF-Q260 could not pass (Fig. 3). Barium esophagogram demonstrated narrowing deformity with an irregular base in the upper and mid-esophagus; the distal esophagus was normal (Fig. 4).

Our case demonstrates the importance of proper and timely management of candida esophagitis, as inadequate and delayed treatment can result in esophageal stricture that can become debilitating.

Competing interests: None

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Candida esophagitis complicated by esophageal stricture