A 63-year-old man with a history of surgery for thoracic aortic dissection was transferred to our hospital with obscure gastrointestinal bleeding (OGIB) and bloody stools. Laboratory examination revealed the following results: hemoglobin, 9.9 g/dL; platelets, 94000/µL; creatinine, 1.29 mg/dL. Video capsule endoscopy following anterograde and retrograde double-balloon enteroscopy (DBE) could not identify the bleeding source. Fresh bloody stools recurred 4 days after the resumption of feeding and the patient required transfusion. Emergency colonoscopy revealed an intramural hematoma in the sigmoid colon, with rupture and bleeding into the surrounding mucosa (Fig. 1). Contrast-enhanced computed tomography (CT) scans showing an aortic dissection running from: a the ascending aorta to; b the abdominal aorta, along with a mass partially obstructing the sigmoid colon (yellow arrow) (Fig. 2). We diagnosed an intramural hematoma of the colon due to chronic disseminated intravascular coagulation (DIC), which is a rare finding often associated with aortic aneurysm and dissection [3]. Surgery is the primary treatment to eliminate the cause but heparin has been reported to treat chronic DIC effectively [3]. We recommend careful examination of coagulation studies prior to DBE in patients with OGIB and an aortic aneurysm or dissection.

Bleeding associated with DBE is rare and mostly follows polypectomy or biopsy [1]. Intramural hematoma of the colon is rare but can be the result of blunt trauma typically in the presence of anticoagulant therapy or other hematologic disease [2]. In this case, DBE compressed the mucosa, resulting in an intramural hematoma of the colon under conditions of chronic DIC, which is a rare finding often associated with aortic aneurysm and dissection [3]. Surgery is the primary treatment to eliminate the cause but heparin has been reported to treat chronic DIC effectively [3]. We recommend careful examination of coagulation studies prior to DBE in patients with OGIB and an aortic aneurysm or dissection.

**Competing interests:** None
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