A 31-year-old woman with a 10-year history of ulcerative colitis was seen at our outpatient clinic with complaint of abdominal pain and increased output from her ileostomy. She had previously undergone a subtotal colectomy with an end ileostomy for medically refractory ulcerative colitis in 2008. She then underwent elective complete proctectomy with ileal pouch-anal anastomosis and diverting loop ileostomy 6 months later. We decided to perform pouchoscopy to rule out pouch-related complications (▶Video 1).

Illeoscopy was performed via the stoma. The terminal ileum appeared normal to 25 cm from stoma. The patient was found to have a diverted pouch outlet stricture. The sealed outlet was detected by a Jagwire (Boston Scientific, Marlborough, Massachusetts, USA).

▶Video 1 Wire-guided stricturotomy for sealed ileal pouch.
wire (Boston Scientific, Marlborough, Massachusetts, USA) (▶ Fig. 1 a, b). We then performed knife stricturotomy over the guidewire (▶ Fig. 1 c, d). Moderate diversion pouchitis with exudates was noted. We were able to pass the scope without difficulty (▶ Fig. 1 e).
The patient tolerated the procedure well without any immediate complications. She reported improvement in her symptoms at the 1-month follow-up visit.
Sealed ileal pouch can be safely and effectively treated with wire-guided endoscopic stricturotomy.

Competing interests

None

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