A 71-year-old woman with a 100-mm granular type laterally spreading tumor of the sigmoid colon was referred to our hospital (▶ Fig. 1). Endoscopic submucosal dissection (ESD) with en bloc resection of the tumor was performed in 89 min. The specimen measured 105 × 65 mm, and the post-ESD mucosal defect occupied more than three-quarter of the luminal circumference (▶ Video 1, ▶ Fig. 2). We closed the large mucosal defect along its long axis using a novel re-openable endoclip (Mantis Clip; Boston Scientific, Natick, Massachusetts, USA) to minimize adverse events and prevent stricture formation (▶ Fig. 3).

First, the distal edge of the mucosal defect was grasped with the re-openable endoclip. Then, the endoscope was inserted into the proximal edge of the mucosal defect, and the endoclip was re-opened. The anchor prongs on the open jaw of the endoclip prevented slippage of the distal edge of the mucosa, which facilitated the grasping of the edges along the long axis of the mucosal defect. Using this method, a single clip was used to appose the widest part of the mucosal defect (▶ Fig. 4). Additional conventional clips were placed until the defect was closed (▶ Fig. 5). The patient was discharged and did not experience any adverse events. Complete closure of defects after colorectal ESD may effectively minimize adverse events [1]. Furthermore, Kubosawa et al. reported that suturing along the long axis of the defect may prevent stric-
tures after duodenal ESD [2]. However, closure of large ESD defects is technically difficult because of slippage of the clip over the mucosa when apposition across a wide distance is required. Various closing methods have been reported [3–5], all of which require additional preparation. This case report highlights the use of a novel re-openable endoclip with anchor prongs located in its jaws, which enables the closure of large ESD defects and facilitates the use of conventional clips after initial clip placement.

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Competing interests
Sato Shichijo has received honoraria for lectures from Olympus, Boston Scientific Japan, EA Pharma, AstraZeneca, AI Medical Service, and Janssen Pharmaceutical. Yoji Takeuchi has received honoraria for lectures from Olympus, Boston Scientific Japan, Takeda Pharmaceutical, EA Pharma, Zeria Pharmaceutical, and Viatris. Noriya Uedo has received honoraria for lectures from Olympus, FUJIFILM, Boston Scientific Japan, Daichi-Sankyo, Takeda Pharmaceutical, EA Pharma, Otsuka Pharmaceutical, AstraZeneca, Miyarisan Pharmaceutical, and AI Medical Service.

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