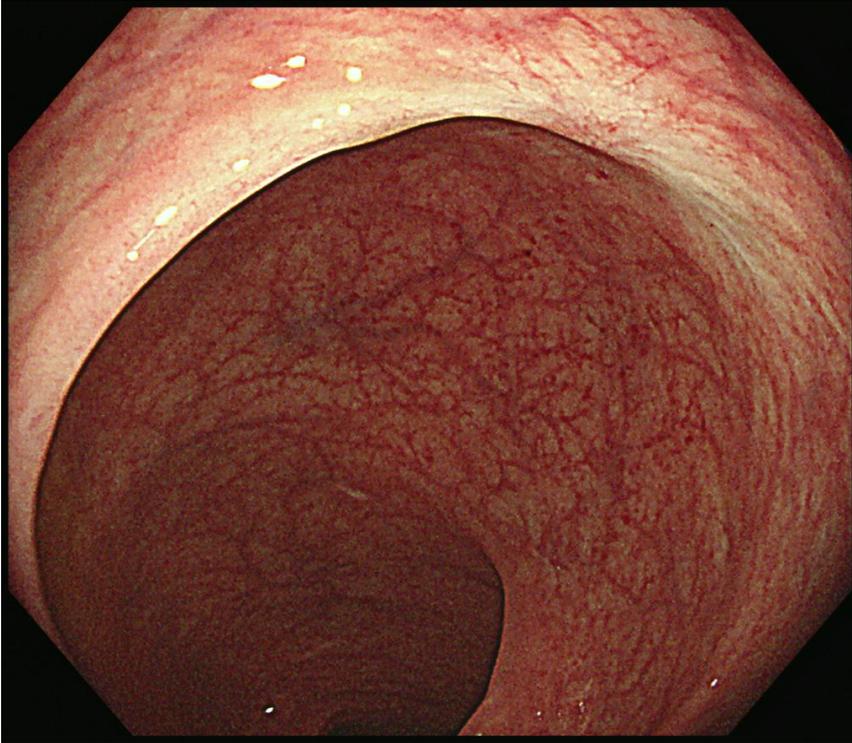
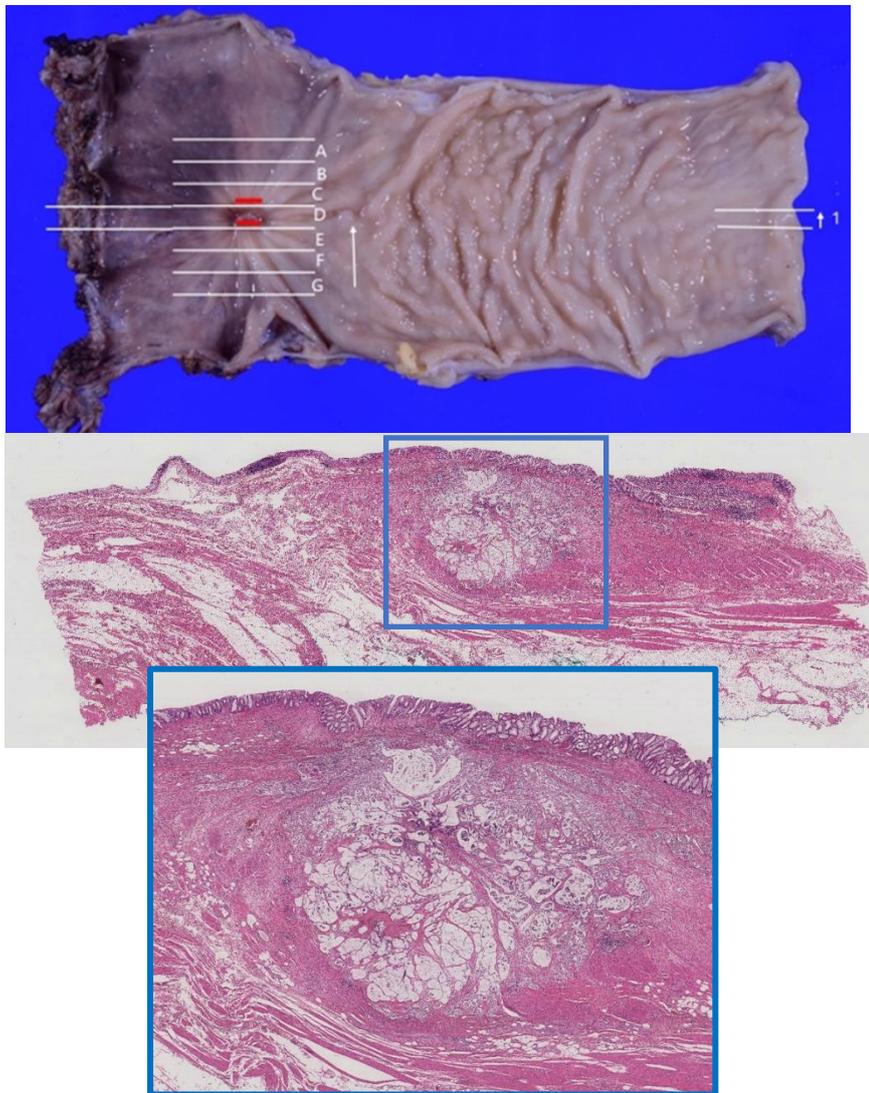


**Supplementary figure 1**



**Supplementary figure 1.** Endoscopic findings of the rectal mucosa two years after the primary endoscopic submucosal dissection. The whitish scar indicates no residual tumor endoscopically.

**Supplementary figure 2.**



**Supplementary figure 2.** A histopathological examination of the surgically resected tissue. Additional rectal resection with lymph node resection removed the ulceration after re-endoscopic submucosal dissection completely. The mucinous lake with signet-cell carcinoma observed under the ulceration infiltrated into the muscularis propria (blue square). The final histological diagnosis was type 0-Is+IIa, muc>tub>sig, T2, Ly1, V0, N0, M0, Stage I.