

July 14 2021

Jin Gu, Varut Lohsiriwat and Shu-You Peng

Editors-in-Chief

World Journal of Gastrointestinal Surgery

Dear Editor

Thank you for your opportunity for submission of the revised manuscript. We wish to re-submit our case report for publication in *World Journal of Gastrointestinal Surgery*, titled **“Whole circumferential endoscopic submucosal dissection of superficial adenocarcinoma in long-segment Barrett's esophagus: A case report”** (manuscript ID: 68738). We carefully revised the original manuscript according to the reviewer's comments. We greatly appreciate re-evaluation of our revised manuscript.

Reviewer # 1

1) Please correct the grammatical mistakes. There are plenty. Kindly have the entire manuscript proof read.

We have corrected the grammatical errors in the previous submission. The manuscript has been edited by a native English language speaker to improve the language, grammar, and readability. We hope that you now find our case report suitable for publication in your

esteemed journal.

2) Was a single or double tunnel used?

We created the three tunnels instead of single or double tunnels. The explanation of the creation of submucosal tunnels was added to the main text (paragraph of “TREATMENT”, P11, L6-7) and the legends of figure 4B.

Reviewer # 2

1) This case is not novel as this has been well described in literature

Thank you very much for your valuable comments. This case is very important not only for succeeding whole circumferential ESD and preventing post-ESD stenosis but also for accurate preoperative endoscopic diagnosis of horizontal tumor extension of the entire circumference in the LSBE and achieved R0 resection.

2)The authors mention “special ESD techniques”. Since this is circumferential ESD, was

a single or double tunnel used?

We created the three tunnels instead of single or double tunnels. The explanation of the creation of submucosal tunnels was added to the main text (paragraph of “TREATMENT”, P11, L6-7) and the legends of figure 4B.

3) Kindly specify the details of the balloon dilatation

According to the reviewer's comment, we added the sentences of details of the procedure of endoscopic balloon dilatation in the “OUTCOME AND FOLLOW-UP” of main text as follows: P12, L1-3

We performed prophylactic endoscopic balloon dilatation with a 12 to 15 mm balloon diameter (CRE balloon; Boston Scientific, Boston, USA) at 3, 5, and 6 months post-ESD.

Reviewer # 3

1) How important is submucosal injection solution in this technique?. There are solutions

with better properties: platelet-rich plasma, hyaluronic acid, etc?

Thank you very much for your valuable comments. Our manuscript was insufficient in describing submucosal injection. According to the reviewer's comment, we added descriptions to the main text of "TREATMENT" as follows: P11, L2-3

We injected 0.4% sodium hyaluronate (MucoUp; Boston Scientific, Marlborough, MA, USA) into the submucosal layer in the ESD.

2) Which is the alternative to steroid injection?. Any coverage agent to prevent stenosis?

According to the reviewer's comment, we added several references and related description in the DISCUSSION as follows:P14, L4-10

As alternative techniques for preventing post-ESD stenosis, other than steroid injection, polyglycolic acid (PGA) sheets and oral epithelial cell sheets may have the potential to prevent esophageal stricture after ESD^[21,22,23]. However, these methods have not been widely used as a prophylactic measure for preventing stenosis because the PGA has a prolonged time for endoscopic delivery and fixation, and providing oral mucosal

epithelial cell sheets in every hospital would be technically and financially difficult.

21) **Iizuka T**, Kikuchi D, Yamada A, Hoteya S, Kajiyama Y, Kaise M. Polyglycolic acid sheet application to prevent esophageal stricture after endoscopic submucosal dissection for esophageal squamous cell carcinoma. *Endoscopy* 2015; 47: 341-344[PMID: 25412087 DOI: 10.1055/s-0034-1390770]

22) **Sakaguchi Y**, Tsuji Y, Ono S, Saito I, Kataoka Y, Takahashi Y, Nakayama C, Shichijo S, Matsuda R, Minatsuki C, Asada-Hirayama I, Niimi K, Kodashima S, Yamamichi N, Fujishiro M, Koike K. Polyglycolic acid sheets with fibrin glue can prevent esophageal stricture after endoscopic submucosal dissection. *Endoscopy*. 2015; 47: 336-340[PMID: 25314328 DOI: 10.1055/s-0034-1390787]

23) **Yamaguchi N**, Isomoto H, Kobayashi S, Kanai N, Kanetaka K, Sakai Y, Kasai Y, Takagi R, Ohki T, Fukuda H, Kanda T, Nagai K, Asahina I, Nakao K, Yamato M, Okano T, Eguchi S. Oral epithelial cell sheets engraftment for esophageal strictures after endoscopic submucosal dissection of squamous cell carcinoma and airplane transportation. *Sci Rep*. 2017; 7: 17460 [PMID: 29234120 DOI: 10.1038/s41598-017-

17663-w.]

This manuscript has not been published or presented elsewhere in part or in entirety and is not under consideration by another journal. We have read and understood your journal's policies, and we believe that neither the manuscript nor the study violates any of these.

There are no conflicts of interest to declare.

Thank you for your consideration. I look forward to hearing from you.

Sincerely,

Kenichi Goda, MD, PhD

Department of Gastroenterology, Dokkyo Medical University.

880, Kitakobayashi, Mibu, Shimotsuga, Tochigi 321-0293, Japan

Tel: +81 282 872147

Fax: +81 282 867761

E-mail: goda@dokkyomed.ac.jp