

ANSWERING REVIEWERS

November 27, 2017

Dear Editor,



Please find enclosed the edited the full-text manuscript in Word format

Journal: World Journal of Gastroenterology

Manuscript NO: 37043

Title: Novel concept of endoscopic device delivery station system for rapid and tight attachment of polyglycolic acid sheet

Author: Hirohito Mori, Hideki Kobara, Noriko Nishiyama, Tsutomu Masaki

The manuscript has been improved according to the suggestions of reviewers:

1. Format has been updated
2. Revision has been made according to the suggestions of the reviewer
3. References and typesetting were corrected

All responses to comments are as following pages.

Sincerely yours,

Hirohito Mori, MD, PhD

Department of Gastroenterology and Neurology,

Faculty of medicine, Kagawa University, Japan

e-mail:hiro4884@med.kagawa-u.ac.jp

Tel: +81-87-891-2156

Fax: +81-87-891-2158

REVIEWER #1 (00071703)

COMMENT

Novel concept of endoscopic device delivery station system for rapid and tight attachment of polyglycolic acid sheet In this animal study, the authors have examined whether closure of the gastric post-ESD ulcer using a polyglycolic acid sheet (PGAs) is useful for preventing postoperative bleeding and perforation. Three 11-month-old female Beagle dogs have been used in this study. Two endoscopic submucosal dissections have been performed in lesser curvature of middle gastric body and greater curvature of antrum in each dog. Two PGAs have been attached post ESD ulcers. There have been no post-ESD bleeding and perforation during ESD. The authors have concluded that DDSS is the most effective way to deliver PGAs to post-ESD ulcer floor accurately and rapidly. The figures are all appropriate, but the videos were not found. This manuscript is well written although there is not a control group and the number of animals is little.

RESPONSE

I agree with you. As this study was a pilot basic study to evaluate the potential (rapid delivery and no bleeding events) of DDSS with small sample size, we will have to conduct study with large number and with control group.

Thank you for your informative comments.

REVIEWER #2 (03529755)

COMMENT

First of all I would like to congratulate the authors for this basic animal study. Development in the endoscopic treatment of the gastrointestinal diseases brings some problems together. Post endoscopic resection bleeding is the one of the main problem. As a result of this, novel endoscopic devices and agents are needed to struggle with the bleeding. This study reflects a novel technic in the treatment of the bleeding after endoscopic resection. It can be considered for publication after minor revision below.

1. Please mention the shortcomings of the technic in the discussion section.

RESPONSE

Thank you for your informative comment.

I agree with you.

There was no description of the shortcomings of DDSS.

Therefore, I added the following sentences in Results and Discussion sections:

There was no adverse event or complications at all during delivery of PGAs by DDSS.

2. Please discuss potential complications of the procedure

RESPONSE

I agree with you. There was no detail description about the potential complications of the procedure, but there was no adverse event or complications at all during delivery of PGAs by DDSS.

However, to confirm the potential risk of DDSS, I added the following sentences in Conclusion section:

However, prospective randomized control study is needed to confirm the advantages of DDSS and potential adverse events.

REVIEWER #3 (00503322)

COMMENT

The paper does report a novel technique of treatment of gastric ulcer in animal model by the application of polyglycolic acid sheet using a device delivery station system (DDSS), which in itself is novel and effective. The team deserve congratulations for an innovation in the field of therapy for gastric ulcer

RESPONSE

Thank you for your kind comment.

It's my great honor to be given such a wonderful comments from reviewer (00503322).

Thank you very much, indeed.

Sincerely yours,

Hirohito Mori, M.D, PhD

Department of Gastroenterology and Neurology,

Faculty of medicine, Kagawa University, Japan

e-mail:hiro4884@med.kagawa-u.ac.jp

Tel: +81-87-891-2156

Fax: +81-87-891-2158