

**Endoscopy Center
Aso Iizuka Hospital
Iizuka 820-8505, Japan**

Jan 31, 2021

**Prof Lian-Sheng Ma
Science Editor, Company Editor-in-Chief,
Editorial Office
Baishideng Publishing Group Inc
(World Journal of Gastrointestinal Endoscopy)**

Manuscript No: 61808

"Vinyl bag cover method to avoid droplet-containing aerosol escape from endoscopic forceps channel caps during COVID-19 pandemic (with video)"

Dear Prof Lian-Sheng Ma,

We greatly appreciate the comments from you and the peer reviewer. Taking them into account, we rewrote our manuscript as below.

To the reviewer's comments.

Reviewer 1's comments

1. His comment "It will require further aerodynamic study to assess the effectiveness of the device." Unfortunately, reviewer 1 said that he was unable to see our VTR including aerodynamic experiment.

We performed an aerodynamic study to assess the effectiveness of the device in this study and described it in the letter to the editor and also showed in the Video.

Please see sentences on page 5, line 19 of the text and submitted video.

"We conducted an experiment with rapid retrograde injection of indigo carmine solution through a forceps channel, which showed that no dye-containing droplets had escaped from the vinyl bag (Video 2)."

According to the reviewer's kind suggestion, we added the sentence below in the last

paragraph of the letter.

On page 6, line 15 (in the revised manuscript)

“However, further aerodynamic study is needed to assess the effectiveness of the method.”

2. According to the reviewer’s kind suggestion, we corrected a typographical error.

Page 6. COVID-10 >>> COVID-19

Reviewer 2’s comments

n/a

To the Science editor

1. Reference numbers cited in the text have been corrected in square brackets.

I am sending herewith an answering reviewers, revised manuscript (MS Word file, red highlighted version), revised manuscript (MS Word file, clean version), revised figure 1~3 (ppt), revised video 1~2 (Please use previously submitted original versions), Core Tips, COI, and WJGE COPYRIGHT LICENSE AGREEMENT of a manuscript entitled "**Vinyl bag cover method to avoid droplet-containing aerosol escape from endoscopic forceps channel caps during COVID-19 pandemic (with video)**", which I should like to submit for publication in "*World Journal of Gastrointestinal Endoscopy*". This manuscript has been seen and approved by all the authors.

Thank you very much for your consideration.

Yours Sincerely,

Kazuya Akahoshi, M.D., Ph.D.
(Corresponding author)
Endoscopy Center
Aso Iizuka Hospital, 3-83 Yoshio,
Iizuka 820-8505, Japan

Tel. +81-948-22-3800

Fax. +81-948-29-8747

E-mail. kakahoshi2@aol.com