

Jing Yu Editor-in-Chief

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Manuscript Title Efficacy of the forced coagulation mode with low high-frequency power setting during endoscopic submucosal dissection

Dear Editor Jing Yu

Thank you for reading our manuscript and giving useful comments. You suggested that we should explain how we decided the selection and exclusion of the patients. We set some exclusion conditions which should eliminate the risk of affecting data due to the conditions of the patient and treated lesions, such as bleeding tendency of the patient; which could disturb the bona fide comparison between S method and F1-10 method.

The reasons for each exclusion criteria are as follows

1) patients under medication with any antiplatelet or anticoagulation effect,

⇒ These drugs can induce bleeding risks. When the bleeding occurs, it is difficult to determine whether it is modified by the electrosurgical effect of the methods or the drug affected it.

2) patients undergoing dialysis,

⇒Anticoagulant drugs are used when a patients undergo dialysis. It could also induce bleeding risks. Therefore, those patients were excluded by the same reason as 1).

3) lesions in the antrum,

⇒Antral lesions are known to have few penetrating vessels, which requires precoagulation. Those lesions are not suitable for the purpose of this study, therefore, excluded.

4) lesions with ulcer

⇒Those lesions can develop fibrosis in the submucosal layer. The fibrosis makes it difficult to recognize the vessels, and it increases the risk of unintentional cut of the vessels without precoagulation to complicate ESD. Therefore, they are excluded from this research.

5) resected specimen <30 mm or >70 mm,

⇒ Small size lesions have few vessels, and some cases do not require precoagulation. There were no lesions of resected size of over 70 mm. Therefore, we should correct the description from “<30 mm or >70 mm” to “< 30 mm”.

We summarized above reasons and explained it in the material and methods.

Thank you very much for your suggestion.

I hope that you will positively consider this revised manuscript.

Sincerely,

Tsukasa Ishida