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PEER-REVIEW REPORT

Name of journal: *World Journal of Gastrointestinal Endoscopy*

Manuscript NO: 124149

Title: Prevention of post- ESD bleeding using sprayed tissue adhesive for massive early gastric cancer: a case report

Provenance and peer review: Unsolicited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 02941507
Position: Editorial Board
Academic degree and professional title: Adjunct Associate Professor, Associate Professor, Emeritus Professor, MD, PhD
Reviewer's Country/Territory: Greece
Author's Country/Territory: China

Manuscript submission date: 2026-06-07

Reviewer chosen by: AI Editor

Reviewer accepted review: 2026-06-17 14:47

Reviewer performed review: 2026-06-22 14:57

Review time: 5 Days

Content to be reviewed	Have any new issues been identified in the iThenticate similarity report? **No** Have any concerns been identified in the AI detection report? **No** Does the manuscript's content fall within the scope of the journal? **Yes** Is the content of the Introduction adequate? **Yes** Is the content of the Materials and Methods complete?

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	No Is the description of the experiments clear and complete? **No** Are the experimental data presented in the manuscript's biostatistics content reliable? **Not Applicable** Are the experimental data of the Results true and reliable? **Not Applicable** Are the quality and resolution of the images up to standard? **Yes** Do the selection and design of the figures and tables follow the principles of necessity and clarity? **Yes** Is the content of the Discussion reasonable? **Yes** Is the Conclusion reasonable? **Yes** Are all references necessary and reasonable? **Yes** Do authors omit important references? **No** Will the manuscript's content be of interest to readers? **Yes** Are additional experiments needed for the study? **No** Does the research scope comply with ethics? **Yes**
Scientific quality	Grade B (Very good)
Novelty of this manuscript	Grade B (Very Good)
Creativity or innovation of this manuscript	Grade B (Very Good)
Scientific significance of the conclusion in this manuscript	Grade B (Very Good)
Language quality	Grade C (Good)
Does this manuscript describe a study of the existing knowledge system?	Yes

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Does this manuscript report a revolutionary innovation?	Yes
Does this manuscript report an unconventional innovation?	Yes
Conclusion	Major revision
Re-review	Yes
Peer-reviewer statements	Peer-Review: Onymous
	Conflicts-of-Interest: No
Reviewer's AI contribution statement	Did you input any part of the manuscript into AI systems, upload or share confidential materials with AI tools? **Yes** Google Gemini. Were your review comments translated into English from other languages using AI? **No** Was AI tools used for language editing and/or grammar refinement of your review comments? **No** Was the scientific evaluation of the manuscript performed using AI? **Yes** Google Gemini. To reveal if there were similar papers in the literature. Were the results of the manuscript interpreted using AI? **No** Was the review conclusion generated using AI? **No** Were any sections of your review comments generated using AI? **Yes** Google Gemini. Discussion part.

SPECIFIC COMMENTS TO AUTHORS

The article presents an interesting technique for treating complications in large lesions after ESD. The text is well-structured but needs improvement in syntax, terminology,

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and grammar. Similar case reports on the use of tissue adhesive on large surfaces after ESD are valuable, especially when traditional means (clips) fail. As it is, it is not ready for publication due to grammatical/editorial errors and some scientific inaccuracies.

1. Introduction

· The phrase "ESD is quite complicated to perform and requires a high level of skill, and also may lead to various..." is proposed to be replaced by the phrase "ESD is a technically demanding procedure associated with significant complications, such as hemorrhage and perforation."

· "spraying tissue adhesive to hemostasis" should be corrected to "spraying tissue adhesive for hemostasis".

2. Case report

· "A 59-year-old male patient referred to our hospital..." should be replaced with "A 59-year-old male patient was referred to our hospital..."

· "computed tomography (CT) of the abdomen did not reveal abnormal" should be replaced with the phrase "did not reveal any abnormalities."

· "gastric horn" (unusual term). The term gastric angulus is suggested

· A more extensive description of the procedure should be provided.

· The type of tissue adhesive (e.g., N-butyl-2-cyanoacrylate) and the method of administration (e.g., via a special catheter) should be mentioned.

· More specific information should be provided about the material used (e.g., which formulation of cyanoacrylate adhesive? What protocol?).

· "we did observe" should be changed to "we observed".

3. Discussion

· The sentence "menacing the patient's life safety" should be replaced with the phrase "posing a significant clinical challenge" or "potentially life-threatening".

· The phrase "α-cyanoacrylic acid butyl enzyme" should be replaced with the

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phrase “butyl-cyanoacrylate” as it is not an enzyme but a monomer that polymerizes.

· The comparative advantage of glue spraying over hemostatic sprays should be defined more clearly. The method should be compared with hemostatic powders (TC-325/Hemospray). Please explain why glue is superior or in which cases it is a better solution.

· Please comment on why this method is superior to other modern techniques.

· The text has several grammatical errors and should be edited by a medical proofreader

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Name of journal: *World Journal of Gastrointestinal Endoscopy*

Manuscript NO: 124149

Title: Prevention of post- ESD bleeding using sprayed tissue adhesive for massive early gastric cancer: a case report

Provenance and peer review: Unsolicited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 06211478
Position: Peer Reviewer
Academic degree and professional title: Associate Chief Physician, MD, PhD
Reviewer's Country/Territory: China
Author's Country/Territory: China

Manuscript submission date: 2026-06-07

Reviewer chosen by: AI Editor

Reviewer accepted review: 2026-06-17 12:36

Reviewer performed review: 2026-07-06 22:31

Review time: 19 Days and 9 Hours

Content to be reviewed	Have any new issues been identified in the iThenticate similarity report? **Not Applicable** Have any concerns been identified in the AI detection report? **Not Applicable** Does the manuscript's content fall within the scope of the journal? **Yes** Is the content of the Introduction adequate? **Yes** Is the content of the Materials and Methods complete? **Not Applicable**

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	Is the description of the experiments clear and complete? **Not Applicable** Are the experimental data presented in the manuscript's biostatistics content reliable? **Not Applicable** Are the experimental data of the Results true and reliable? **Not Applicable** Are the quality and resolution of the images up to standard? **Yes** Do the selection and design of the figures and tables follow the principles of necessity and clarity? **Yes** Is the content of the Discussion reasonable? **Yes** Is the Conclusion reasonable? **Yes** Are all references necessary and reasonable? **Yes** Do authors omit important references? **No** Will the manuscript's content be of interest to readers? **Yes** Are additional experiments needed for the study? **No** Does the research scope comply with ethics? **Yes**
Scientific quality	Grade B (Very good)
Novelty of this manuscript	Grade C (Good)
Creativity or innovation of this manuscript	Grade C (Good)
Scientific significance of the conclusion in this manuscript	Grade C (Good)
Language quality	Grade B (Very good)
Does this manuscript describe a study of the existing knowledge system?	Yes
Does this manuscript report a	No

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revolutionary innovation?	
Does this manuscript report an unconventional innovation?	No
Conclusion	Major revision
Re-review	Yes
Peer-reviewer statements	Peer-Review: Anonymous
	Conflicts-of-Interest: No
Reviewer's AI contribution statement	Did you input any part of the manuscript into AI systems, upload or share confidential materials with AI tools? **No** Were your review comments translated into English from other languages using AI? **No** Was AI tools used for language editing and/or grammar refinement of your review comments? **No** Was the scientific evaluation of the manuscript performed using AI? **No** Were the results of the manuscript interpreted using AI? **No** Was the review conclusion generated using AI? **No** Were any sections of your review comments generated using AI? **No**

SPECIFIC COMMENTS TO AUTHORS

This is a case reporting the prevention of post- ESD bleeding by spraying endoscopic tissue adhesive to for massive early gastric cancer.

1 Title.

The title did reflect the main subject/hypothesis of the manuscript.

2 Abstract.

The abstract has summarized and reflected the work described in the manuscript.

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3 Key Words.

The key words reflect the focus of the manuscript.

4 Introduction.

The manuscript has described the background, present status and significance of the study. “Hemorrhage during ESD procedures is almost inevitable, particularly in large-size lesions with large mucosal defects5, where traditional methods such as titanium clips and nylon strings do not work well.” The description is inappropriate. According to Ref 5, “In particular, in cases of ESD, coagulation of bleeding vessels using hemostatic forceps, which does not interfere with subsequent resection, is the first-choice technique.” Coagulation of visible bleeding vessels is preferred during ESD procedure, rather than other methods.

5 Case presentation.

According the manuscript, endoscopic tissue adhesive was applied to stop bleeding after heat coagulation. Please provide more details. A short video clip is suggested. Firstly, the reason for choosing endoscopic tissue adhesive but not hemostatic powder. Following the package insert, endoscopic tissue adhesive should be applied to esophagogastric variceal bleeding. Secondly, the spraying sequence, the usage amount, how to judge whether the dosage was sufficient, and how to avoid any blockage in the endoscopic channel. Thirdly, how to testify endoscopic tissue adhesive rather than PPI drugs could prevent delayed bleeding.

6 Discussion.

There is one mistake. The main component of endoscopic tissue adhesive is should be “n-butyl α-cyanoacrylate ester”, but not “α-cyanoacrylic acid butyl enzyme”. Comparison endoscopic tissue adhesive with hemostatic powder is recommended.

7 References.

Please check the references using auto-analyser supported by Baishideng.

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8 Research methods and reporting. Authors should have prepared their manuscripts according to BPG's standards for manuscript type and the appropriate topically-relevant category, as follows: (1) CARE Checklist (2013) - Case report; (2) CONSORT 2010 Statement - Clinical Trials study, Prospective study, Randomized Controlled trial, Randomized Clinical trial; (3) PRISMA 2009 Checklist - Evidence-Based Medicine, Systematic review, Meta-Analysis; (4) STROBE Statement - Case Control study, Observational study, Retrospective Cohort study; and (5) The ARRIVE Guidelines - Basic study. For (6) Letters to the Editor, the author(s) should have prepared the manuscript according to the appropriate research methods and reporting. Letters to the Editor will be critically evaluated and only letters with new important original or complementary information should be considered for publication. A Letter to the Editor that only recapitulates information published in the article(s) and states that more studies are needed is not acceptable?

Please check the manuscript according to the above standards.

9 Recommendation. Major revision.

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PEER-REVIEW REPORT

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Manuscript NO: 124149

Title: Prevention of post- ESD bleeding using sprayed tissue adhesive for massive early gastric cancer: a case report

Provenance and peer review: Unsolicited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 03767650
Position: Editorial Board
Academic degree and professional title: MD, PhD
Reviewer's Country/Territory: Japan
Author's Country/Territory: China

Manuscript submission date: 2026-06-07

Reviewer chosen by: AI Editor

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Reviewer performed review: 2026-07-08 12:28

Review time: 19 Days and 14 Hours

Content to be reviewed	Have any new issues been identified in the iThenticate similarity report? **No** Have any concerns been identified in the AI detection report? **No** Does the manuscript's content fall within the scope of the journal? **Yes** Is the content of the Introduction adequate? **Yes** Is the content of the Materials and Methods complete? **Not Applicable**

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	Is the description of the experiments clear and complete? **Yes** Are the experimental data presented in the manuscript's biostatistics content reliable? **Not Applicable** Are the experimental data of the Results true and reliable? **Not Applicable** Are the quality and resolution of the images up to standard? **Yes** Do the selection and design of the figures and tables follow the principles of necessity and clarity? **Yes** Is the content of the Discussion reasonable? **Yes** Is the Conclusion reasonable? **Not Applicable** Are all references necessary and reasonable? **Yes** Do authors omit important references? **Yes** Will the manuscript's content be of interest to readers? **Yes** Are additional experiments needed for the study? **No** Does the research scope comply with ethics? **Yes**
Scientific quality	Grade C (Good)
Novelty of this manuscript	Grade C (Good)
Creativity or innovation of this manuscript	Grade C (Good)
Scientific significance of the conclusion in this manuscript	Grade C (Good)
Language quality	Grade C (Good)
Does this manuscript describe a study of the existing knowledge system?	Yes
Does this manuscript report a	Yes

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revolutionary innovation?	
Does this manuscript report an unconventional innovation?	Yes
Conclusion	Major revision
Re-review	Yes
Peer-reviewer statements	Peer-Review: Anonymous
	Conflicts-of-Interest: No
Reviewer's AI contribution statement	Did you input any part of the manuscript into AI systems, upload or share confidential materials with AI tools? **No** Were your review comments translated into English from other languages using AI? **Yes** translated into English Copilot Was AI tools used for language editing and/or grammar refinement of your review comments? **Yes** translated into English Copilot Was the scientific evaluation of the manuscript performed using AI? **No** Were the results of the manuscript interpreted using AI? **No** Was the review conclusion generated using AI? **No** Were any sections of your review comments generated using AI? **No**

SPECIFIC COMMENTS TO AUTHORS

Yiming Chen, Zhenglei Xu, Lisheng Wang, and Zhiyuan Zou reported a case in which sprayed tissue adhesive was used after endoscopic submucosal dissection (ESD) for a broad early gastric cancer lesion. This is an interesting and clinically relevant report, because bleeding during ESD and delayed bleeding after ESD remain important issues,

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especially when the post-ESD mucosal defect is large and difficult to close mechanically. Conventional methods, such as titanium clips and nylon loops, may be insufficient when the wound surface is wide, irregular, or unsuitable for complete closure. The authors' approach is therefore worth reporting. The main component, α-cyanoacrylate butyl ester, rapidly polymerizes after contact with blood or tissue fluid and forms a protective membrane, which may seal exposed vessels and contribute to hemostasis.

Overall, the case is clearly described; however, several points should be discussed further.

1. The authors should compare sprayed tissue adhesive with established shielding techniques, particularly polyglycolic acid (PGA) sheets and fibrin glue. They should cite and discuss the relevant report published in World Journal of Gastroenterology in 2016 (World J Gastroenterol. 2016 Jul 14;22(26):5927-5935. doi: 10.3748/wjg.v22.i26.5927). This comparison would clarify whether the present method has advantages in simplicity, adhesion, cost, procedure time, or prevention of delayed bleeding.

2. The authors should explain whether α-cyanoacrylate butyl ester has been used in other medical procedures. Examples such as vascular embolization, skin wound closure, treatment of gastrointestinal varices, and management of postoperative or traumatic bleeding would support the rationale for its gastrointestinal application and help readers assess its safety based on previous clinical experience.

3. Possible adverse effects should be addressed. These may include local irritation, inflammation, delayed ulcer healing, foreign-body reaction, allergic reaction, infection, or difficulty in detecting recurrence during follow-up endoscopy. The authors should state whether adverse events occurred and describe how the adhesive amount, spraying distance, and target area were controlled to reduce risk.

4. The manuscript should mention possible damage to endoscopic equipment. Because cyanoacrylate polymerizes rapidly after contact with fluid, it could clog the spray

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catheter, adhere to the endoscope tip, contaminate the working channel, or reduce visibility. Practical precautions, such as using a dedicated catheter and avoiding contact with the lens, should be described.

5. The authors should clarify the appropriate indications. Sprayed adhesive may be most useful for wide but superficial mucosal defects, whereas deep defects with exposed large vessels, muscular injury, or suspected perforation may require additional hemostatic methods, clipping, or surgical consultation. Defining these limitations would make the report more clinically useful.

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RE-REVIEW REPORT OF REVISED MANUSCRIPT

Name of journal: *World Journal of Gastrointestinal Endoscopy*

Manuscript NO: 124149

Title: Sprayed tissue adhesive prevents post-endoscopic submucosal dissection bleeding in massive early gastric cancer: a case report

Provenance and peer review: Unsolicited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 03767650
Position: Editorial Board
Academic degree and professional title: MD, PhD
Reviewer's Country/Territory: Japan
Author's Country/Territory: China

Manuscript submission date: 2026-06-07

Reviewer chosen by: Ji-Hong Liu

Reviewer accepted review: 2026-08-05 06:23

Reviewer performed review: 2026-08-05 06:36

Review time: 1 Hour

Content to be reviewed	Does the research scope comply with ethics? **Yes** Are additional experiments needed for the study? **No** Will the manuscript's content be of interest to readers? **Yes** Do authors omit important references? **Yes** Are all references necessary and reasonable? **Yes** Is the Conclusion reasonable? **Yes** Is the content of the Discussion reasonable? **Yes** Do the selection and design of the figures and tables

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	follow the principles of necessity and clarity? **Yes** Are the quality and resolution of the images up to standard? **Yes** Are the experimental data of the Results true and reliable? **Not Applicable** Are the experimental data presented in the manuscript's biostatistics content reliable? **Not Applicable** Is the description of the experiments clear and complete? **Not Applicable** Is the content of the Materials and Methods complete? **Not Applicable** Is the content of the Introduction adequate? **Not Applicable** Does the manuscript's content fall within the scope of the journal? **Yes** Have any concerns been identified in the AI detection report? **No** Have any new issues been identified in the iThenticate similarity report? **No**
Scientific quality	Grade B (Very good)
Novelty of this manuscript	Grade B (Very Good)
Creativity or innovation of this manuscript	Grade B (Very Good)
Scientific significance of the conclusion in this manuscript	Grade B (Very Good)
Language quality	Grade B (Very good)
Does this manuscript describe a study of the existing knowledge system?	Yes

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Does this manuscript report a revolutionary innovation?	No
Does this manuscript report an unconventional innovation?	Yes
Conclusion	Accept
Peer-reviewer statements	Peer-Review: Anonymous
	Conflicts-of-Interest: No
Are your review comments generated by AI tools?	Did you input any part of the manuscript into AI systems, upload or share confidential materials with AI tools? **No** Were your review comments translated into English from other languages using AI? **No** Was AI tools used for language editing and/or grammar refinement of your review comments? **No** Was the scientific evaluation of the manuscript performed using AI? **No** Were the results of the manuscript interpreted using AI? **No** Was the review conclusion generated using AI? **No** Were any sections of your review comments generated using AI? **No**

SPECIFIC COMMENTS TO AUTHORS

Thank you for revision.

I have no comment.