

# PEER-REVIEW REPORT

Name of journal: World Journal of Gastrointestinal Endoscopy

Manuscript NO: 87280

Title: New Hope for Esophageal Stricture Prevention: A Prospective Single-center Trial

on Acellular Dermal Matrix

Provenance and peer review: Invited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 05226610 Position: Peer Reviewer Academic degree: MD

**Professional title:** Doctor

Reviewer's Country/Territory: India

Author's Country/Territory: China

Manuscript submission date: 2023-08-05

Reviewer chosen by: AI Technique

Reviewer accepted review: 2023-08-19 07:40

Reviewer performed review: 2023-09-01 18:36

**Review time:** 13 Days and 10 Hours

	[ ] Grade A: Excellent [Y] Grade B: Very good [ ] Grade C:
Scientific quality	Good
	[ ] Grade D: Fair [ ] Grade E: Do not publish
Novelty of this manuscript	[ ] Grade A: Excellent [ Y] Grade B: Good [ ] Grade C: Fair [ ] Grade D: No novelty
Creativity or innovation of	[ ] Grade A: Excellent [Y] Grade B: Good [ ] Grade C: Fair
this manuscript	[ ] Grade D: No creativity or innovation



Scientific significance of the conclusion in this manuscript	[ ] Grade A: Excellent [Y] Grade B: Good [ ] Grade C: Fair [ ] Grade D: No scientific significance
Language quality	[Y] Grade A: Priority publishing [] Grade B: Minor language polishing [] Grade C: A great deal of language polishing [] Grade D: Rejection
Conclusion	[Y] Accept (High priority) [] Accept (General priority) [] Minor revision [] Major revision [] Rejection
Re-review	[ ]Yes [Y]No
Peer-reviewer statements	Peer-Review: [Y] Anonymous [ ] Onymous  Conflicts-of-Interest: [ ] Yes [Y] No

# SPECIFIC COMMENTS TO AUTHORS

This study has been done very meticulously with proper planning and execution. The concept of acellular dermal matrix use is innovative with excellent result. This will pave the way for its use in other conditions to prevent stricture formation like healing of anastomotic stricture. Although required sample size was not achieved, still the no. of subjects recruited is good enough to show the proof of concept. My suggestion to continue this study and enrol more patients and also use this in other areas where stricture formation can happen.



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Peer-review model: Single blind

**Reviewer's code:** 05845322 **Position:** Peer Reviewer

Academic degree: MD, PhD

Professional title: Chief Doctor, Surgeon

Reviewer's Country/Territory: Japan

Author's Country/Territory: China

Manuscript submission date: 2023-08-05

Reviewer chosen by: Geng-Long Liu (Quit 2023)

Reviewer accepted review: 2023-08-22 22:37

Reviewer performed review: 2023-09-03 08:58

**Review time:** 11 Days and 10 Hours

	[ ] Grade A: Excellent [ ] Grade B: Very good [ ] Grade C:
Scientific quality	Good
	[ ] Grade D: Fair [ <mark>Y</mark> ] Grade E: Do not publish
Novelty of this manuscript	[ ] Grade A: Excellent [ Y] Grade B: Good [ ] Grade C: Fair [ ] Grade D: No novelty
Creativity or innovation of	[ ] Grade A: Excellent [ ] Grade B: Good [ Y] Grade C: Fair
this manuscript	[ ] Grade D: No creativity or innovation



Scientific significance of the conclusion in this manuscript	[ ] Grade A: Excellent [ ] Grade B: Good [ ] Grade C: Fair [ Y] Grade D: No scientific significance
Language quality	[ ] Grade A: Priority publishing [ ] Grade B: Minor language polishing [ Y] Grade C: A great deal of language polishing [ ] Grade D: Rejection
Conclusion	[ ] Accept (High priority) [ ] Accept (General priority) [ ] Minor revision [ ] Major revision [ Y] Rejection
Re-review	[Y] Yes [] No
Peer-reviewer statements	Peer-Review: [Y] Anonymous [ ] Onymous  Conflicts-of-Interest: [ ] Yes [Y] No

#### SPECIFIC COMMENTS TO AUTHORS

I am grateful for the opportunity to review this interesting manuscript entitled: "New hope for esophageal stricture prevention: a prospective single-center trial on acellular dermal matrix". This report is interesting because it focused on the utility of ADM to prevent esophageal stricture after ESD in a prospective manner. However, your manuscript has major problems as following. Comments 1. I think that the sample size in this study is so small as you mentioned in the limitation that the clinical utility of ADM for esophageal stricture cannot accurately evaluated. 2. I cannot understand the utility of ADM as prevention of esophageal stricture after ESD from your results. I think you had better compare between ADM and non-treatment as prevention of stricture Minor comments 1. You mentioned in Discussion part that "there were 2 after ESD. cases of stenosis in the autologous mucosa, with a stenosis rate of 22.22%, and 2 cases of stenosis in the ADM graft group, with a stenosis rate of 18.18%, with no marked difference noted between the groups (p-value: 0.94)". These data should be shown in Result part and Table 2. 2. In Table 2, you should clear which group (group 1 or 2) is for ADM group. 3. You should show the definition of stricture more concretely (Line



7041 Koll Center Parkway, Suite 160, Pleasanton, CA 94566, USA **Telephone:** +1-925-399-1568

**E-mail:** bpgoffice@wjgnet.com

https://www.wjgnet.com

210-213).



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Title: New Hope for Esophageal Stricture Prevention: A Prospective Single-center Trial

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Provenance and peer review: Invited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 00068348 Position: Editorial Board Academic degree: MD, PhD

**Professional title:** Surgeon

Reviewer's Country/Territory: Greece

Author's Country/Territory: China

Manuscript submission date: 2023-08-05

Reviewer chosen by: Yu-Lu Chen

Reviewer accepted review: 2023-09-25 07:01

Reviewer performed review: 2023-09-28 19:37

**Review time:** 3 Days and 12 Hours

	[ ] Grade A: Excellent [ ] Grade B: Very good [ Y] Grade C:
Scientific quality	Good
	[ ] Grade D: Fair [ ] Grade E: Do not publish
Novelty of this manuscript	[ ] Grade A: Excellent [ Y] Grade B: Good [ ] Grade C: Fair [ ] Grade D: No novelty
Creativity or innovation of this manuscript	[ ] Grade A: Excellent [ Y] Grade B: Good [ ] Grade C: Fair [ ] Grade D: No creativity or innovation
tins manuscript	[ ] Grade D. No creativity of fillovation



Scientific significance of the conclusion in this manuscript	[ ] Grade A: Excellent [Y] Grade B: Good [ ] Grade C: Fair [ ] Grade D: No scientific significance
Language quality	[ ] Grade A: Priority publishing [ Y] Grade B: Minor language polishing [ ] Grade C: A great deal of language polishing [ ] Grade D: Rejection
Conclusion	[ ] Accept (High priority) [ ] Accept (General priority) [ Y] Minor revision [ ] Major revision [ ] Rejection
Re-review	[Y] Yes [] No
Peer-reviewer statements	Peer-Review: [Y] Anonymous [ ] Onymous  Conflicts-of-Interest: [ ] Yes [Y] No

# SPECIFIC COMMENTS TO AUTHORS

The article deals with a very interesting and new issue regarding the acelular dermal matrix transplantation as a prevention method for esophageal stenosis after ESD. The study is well set up. The number of patients is relatively low and the authors should describe more about the complications of the method. Also what about the cost? Also the possibilty of stenosis after ESD is low especially if you use a stent. It is a new method with prosperous results but we need more studies to establish this method in common practice