

PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 48058

Title: Risk factors for Mallory-Weiss Tear during endoscopic submucosal dissection of superficial esophageal neoplasms

Reviewer's code: 03714465

Reviewer's country: United States

Science editor: Ruo-Yu Ma

Reviewer accepted review: 2019-04-08 18:53

Reviewer performed review: 2019-04-11 00:12

Review time: 2 Days and 5 Hours

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	<input type="checkbox"/> Accept	Peer-Review:
<input type="checkbox"/> Grade B: Very good	<input checked="" type="checkbox"/> Grade B: Minor language	(High priority)	<input checked="" type="checkbox"/> Anonymous
<input checked="" type="checkbox"/> Grade C: Good	polishing	<input type="checkbox"/> Accept	<input type="checkbox"/> Onymous
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade C: A great deal of	(General priority)	Peer-reviewer's expertise on the
<input type="checkbox"/> Grade E: Do not	language polishing	<input checked="" type="checkbox"/> Minor revision	topic of the manuscript:
publish	<input type="checkbox"/> Grade D: Rejection	<input type="checkbox"/> Major revision	<input type="checkbox"/> Advanced
		<input type="checkbox"/> Rejection	<input checked="" type="checkbox"/> General
			<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input checked="" type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

This is a retrospective study using propensity score matching to assess the risk of MWS on ESD. The topic is interesting and the result is also convincing. However, I have some questions. 1) I am not sure if it is OK to use the procedure time itself as one of the



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factors on multivariate analysis. In fact, the OR was very low (1.01). This OR is clinically no meaningful. It may be better to divide the procedure time into two groups using cut-off value for multivariate analysis. 2) In "Incidence and risk factors for an MWT " on the result section, "However, in the MWT group, the proportion of female patients was much higher (70.0% VS 30.0%, P=0.000), " You need to change the p value.

INITIAL REVIEW OF THE MANUSCRIPT

Google Search:

- ☐ The same title
- ☐ Duplicate publication
- ☐ Plagiarism
- ☒ No

BPG Search:

- ☐ The same title
- ☐ Duplicate publication
- ☐ Plagiarism
- ☒ No

PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 48058

Title: Risk factors for Mallory-Weiss Tear during endoscopic submucosal dissection of superficial esophageal neoplasms

Reviewer's code: 03552525

Reviewer's country: Japan

Science editor: Ruo-Yu Ma

Reviewer accepted review: 2019-05-14 11:30

Reviewer performed review: 2019-05-15 05:52

Review time: 18 Hours

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	<input type="checkbox"/> Accept	Peer-Review:
<input type="checkbox"/> Grade B: Very good	<input checked="" type="checkbox"/> Grade B: Minor language	(High priority)	<input checked="" type="checkbox"/> Anonymous
<input checked="" type="checkbox"/> Grade C: Good	polishing	<input type="checkbox"/> Accept	<input type="checkbox"/> Onymous
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade C: A great deal of	(General priority)	Peer-reviewer's expertise on the
<input type="checkbox"/> Grade E: Do not	language polishing	<input checked="" type="checkbox"/> Minor revision	topic of the manuscript:
publish	<input type="checkbox"/> Grade D: Rejection	<input type="checkbox"/> Major revision	<input type="checkbox"/> Advanced
		<input type="checkbox"/> Rejection	<input checked="" type="checkbox"/> General
			<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input checked="" type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

Risk factors for MWT after ESD were interesting theme, but there were some points to revise. 1. The occurrence tare of lymph node metastasis was increase when esophageal cancer invaded submucosa. Did patients with T1b tumor receive adjuvant therapy after



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ESD? 2. What did “clinically significant” mean? $P < 0.1$? If so, authors should include “circumferential extent of the mucosal defect” ($p = 0.085$) in multivariate analysis in addition to “age” ($p = 0.065$). 3. There were 12.3% patients with stenosis after ESD. Did all patients receive steroid? If only a part of patients receive it, it may influence results. So, authors should explain whether steroid was used or not to avoid stenosis. 4. There were no explaining about abbreviations in table and figures. Authors should explain it in each section.

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