

PEER-REVIEW REPORT

Name of journal: World Journal of Gastrointestinal Endoscopy

Manuscript NO: 48811

Title: Risk Factors for the Development of Post-ERCP Pancreatitis in Patients with Asymptomatic Common Bile Duct Stones

Reviewer's code: 00036023

Reviewer's country: United Kingdom

Science editor: Ying Dou

Reviewer accepted review: 2019-05-25 00:24

Reviewer performed review: 2019-05-25 00:34

Review time: 1 Hour

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 type="checkbox"/> Grade B: Minor language	(High priority)	<input type="checkbox"/> Anonymous
<input type="checkbox"/> Grade C: Good	polishing	<input type="checkbox"/> Accept	<input type="checkbox"/> Onymous
<input checked="" type="checkbox"/> Grade D: Fair	<input checked="" 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 checked="" type="checkbox"/> Advanced
		<input type="checkbox"/> Rejection	<input 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 of factors influencing post-ERCP pancreatitis. The numbers are small for a retrospective study. But the basic conclusions are in line with other studies.



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INITIAL REVIEW OF THE MANUSCRIPT

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- ☐ No

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PEER-REVIEW REPORT

Name of journal: World Journal of Gastrointestinal Endoscopy

Manuscript NO: 48811

Title: Risk Factors for the Development of Post-ERCP Pancreatitis in Patients with Asymptomatic Common Bile Duct Stones

Reviewer's code: 02551224

Reviewer's country: Italy

Science editor: Ying Dou

Reviewer accepted review: 2019-06-11 05:33

Reviewer performed review: 2019-06-12 15:13

Review time: 1 Day and 9 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

The article entitled "Risk Factors for the Development of Post-ERCP Pancreatitis in Patients with Asymptomatic Common Bile Duct Stones", by Hirokazu Saito et al, is a retrospective analysis of the cases of post-ERCP pancreatitis (PEP) in a series of patients



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with asymptomatic common bile duct stones, in order to identify the risk factors for PEP. The results are that precut sphincterotomy, biliary balloon sphincter dilation, and trainee endoscopists are significant risk factors for PEP, and consequently it is recommended that ERCP be performed by experienced endoscopists, and that, when performing precut sphincterotomy or biliary balloon sphincter dilation in patients with asymptomatic CBD stones, the placement of a prophylactic pancreatic stent be used to prevent the development of PEP. This last recommendation however is not supported by a personal case series, documenting that a biliary stent is really useful to prevent PEP in these cases. Also the recommendation that endoscopists be particularly expert, meaning with that doctors who had performed >200 ERCP procedures based on a grading scale for ERCP, is on my opinion rather arbitrary and not really convincing, since trainees were supervised. Moreover it is rather unpractical, since trainees must gain experience on the field. Anyway, the article is interesting and may be useful for discussion among gastroenterologists performing this type of procedures.

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[Y] No

PEER-REVIEW REPORT

Name of journal: World Journal of Gastrointestinal Endoscopy

Manuscript NO: 48811

Title: Risk Factors for the Development of Post-ERCP Pancreatitis in Patients with Asymptomatic Common Bile Duct Stones

Reviewer's code: 03015908

Reviewer's country: China

Science editor: Ying Dou

Reviewer accepted review: 2019-06-11 03:17

Reviewer performed review: 2019-06-16 01:20

Review time: 4 Days and 22 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:
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<input type="checkbox"/> Grade C: Good	polishing	<input type="checkbox"/> Accept	<input type="checkbox"/> Onymous
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			<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

Hirokazu Saito and colleagues investigated the risk factors for PEP in patients with asymptomatic CBD stones. Comparing with patients without PEP as a control arm, the investigators concluded that in the multivariate analysis, precut sphincterotomy,



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biliary balloon sphincter dilation, and trainee endoscopists were significant risk factors for PEP so they suggest that ERCP for asymptomatic CBD stones should be performed by experienced endoscopists and strongly recommend to place a prophylactic pancreatic stent to prevent the development of PEP before performing precut sphincterotomy or biliary balloon sphincter dilation. The statistical analysis used in this manuscript is appropriate and the paper is written pretty well. The study is of interest to address a clinical issue and no major revision is needed. Two minor aspects need to be improved as follows: 1. When an abbreviation first appears, the full name of the abbreviation should be provided such as EST, EPBD, and EPLBD. 2. Should list in detail the statistical results in 'Result section', i.e. p value, OR and 95%CI for every risk factor(precut sphincterotomy, biliary balloon sphincter dilation, and trainee endoscopists).

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