

PEER-REVIEW REPORT

Name of journal: World Journal of Gastrointestinal Endoscopy

Manuscript NO: 39594

Title: A systematic review of safety and efficacy of therapeutic ERCP during pregnancy, including studies of radiation-free ERCP

Reviewer's code: 03474653

Reviewer's country: Sweden

Science editor: Li-Jun Cui

Date sent for review: 2018-04-29

Date reviewed: 2018-04-30

Review time: 1 Day

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
<input type="checkbox"/> Grade A: Excellent	<input checked="" type="checkbox"/> Grade A: Priority publishing	<input type="checkbox"/> Accept	Peer-Review:
<input checked="" type="checkbox"/> Grade B: Very good	<input type="checkbox"/> Grade B: Minor language	(High priority)	<input checked="" type="checkbox"/> Anonymous
<input type="checkbox"/> Grade C: Good	polishing	<input checked="" 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 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

A good and innovative idea of a quite difficult theme (ercp-pregnancy). The study covers the hole question and idea that wanted to test without to tire. The results section would be slightly separated from the other discussion. A big part of the discussion



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would fit better in the conclusion that is slightly limited.

INITIAL REVIEW OF THE MANUSCRIPT

Google Search:

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

BPG Search:

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PEER-REVIEW REPORT

Name of journal: World Journal of Gastrointestinal Endoscopy

Manuscript NO: 39594

Title: A systematic review of safety and efficacy of therapeutic ERCP during pregnancy, including studies of radiation-free ERCP

Reviewer's code: 03249618

Reviewer's country: China

Science editor: Li-Jun Cui

Date sent for review: 2018-04-29

Date reviewed: 2018-05-01

Review time: 2 Days

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
<input type="checkbox"/> Grade A: Excellent	<input checked="" type="checkbox"/> Grade A: Priority publishing	<input checked="" type="checkbox"/> Accept	Peer-Review:
<input checked="" type="checkbox"/> Grade B: Very good	<input type="checkbox"/> Grade B: Minor language	(High priority)	<input checked="" type="checkbox"/> Anonymous
<input 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 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

First, Performance of therapeutic ERCP during pregnancy is challenging due to concerns about pregnancy-related changes in the mother, fetal viability, fetal teratogenicity, premature delivery, and future development of the infant after parturition.



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Second, therapeutic ERCP has a very high rate of technical success in clearing the bile duct of gallstones, and has a relatively low and acceptable rate of maternal and fetal complications. The great majority of births after therapeutic ERCP are full-term, have normal birth weights, and are healthy. Fetal radiation exposure is a significant concern because of its potential teratogenic effects and subsequent carcinogenetic effects. Fetal radiation exposure and toxicity depends upon multiple factors, including maternal size, maternal distribution of fat, volume of amniotic fluid, fetal gestational age, and radiation delivery method. The most important factors determining fetal exposure are total radiation time and dosage, both of which should be minimized. Third, The endoscopist should frankly discuss procedural risks versus benefits with the patient. Radiation safety measures are paramount, as is the endoscopist's experience and technical skills. Various strategies and technologies may enhance biliary cannulation and ductal clearance during ERCP. Radiation-free ERCP is ideal, but should not unduly increase procedural time and risk of complications, especially pancreatitis.

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BPG Search:

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[Y] No

PEER-REVIEW REPORT

Name of journal: World Journal of Gastrointestinal Endoscopy

Manuscript NO: 39594

Title: A systematic review of safety and efficacy of therapeutic ERCP during pregnancy, including studies of radiation-free ERCP

Reviewer's code: 03245122

Reviewer's country: China

Science editor: Li-Jun Cui

Date sent for review: 2018-04-29

Date reviewed: 2018-05-02

Review time: 3 Days

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
<input type="checkbox"/> Grade A: Excellent	<input checked="" type="checkbox"/> Grade A: Priority publishing	<input type="checkbox"/> Accept	Peer-Review:
<input checked="" type="checkbox"/> Grade B: Very good	<input type="checkbox"/> Grade B: Minor language	(High priority)	<input checked="" type="checkbox"/> Anonymous
<input type="checkbox"/> Grade C: Good	polishing	<input checked="" 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 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

Based on substantial and reliable literature on ERCP during pregnancy, this article systematically reviewed the topic: "safety and efficacy of therapeutic ERCP during pregnancy, including studies of radiation-free ERCP". The reasonable recommendations



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about ERCP indications, special ERCP techniques during pregnancy, maternal and fetal outcomes after ERCP, and prospects for future research were given by the author. It's a good review and may have some help for ERCP endoscopist , and should be publish quickly.

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BPG Search:

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- ☒ No

PEER-REVIEW REPORT

Name of journal: World Journal of Gastrointestinal Endoscopy

Manuscript NO: 39594

Title: A systematic review of safety and efficacy of therapeutic ERCP during pregnancy, including studies of radiation-free ERCP

Reviewer's code: 03727100

Reviewer's country: Japan

Science editor: Li-Jun Cui

Date sent for review: 2018-04-29

Date reviewed: 2018-05-05

Review time: 5 Days

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
<input type="checkbox"/> Grade A: Excellent	<input checked="" 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 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
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publish	<input type="checkbox"/> Grade D: Rejection	<input checked="" 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

Dear authors, thank you for the report of difficult thema. This thema is difficult, therefore I hope you modify the report easier to understand. 1. Some contents about the risks of ERCP during pregnancy were redundant. Please revise the structure, if you can.



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For, exmaple: Introduction, Methods, Epidemiology, adaptive criterion of ERCP, the ERCP method of each pregnancy term, therapeutic procedures and outcomes, adverse effects or risk factor of each pregnancy term, etc. 2. Which position was more recomended for ERCP during pregnancy ? Left side or supine position ?

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PEER-REVIEW REPORT

Name of journal: World Journal of Gastrointestinal Endoscopy

Manuscript NO: 39594

Title: A systematic review of safety and efficacy of therapeutic ERCP during pregnancy, including studies of radiation-free ERCP

Reviewer's code: 03520161

Reviewer's country: Israel

Science editor: Li-Jun Cui

Date sent for review: 2018-04-29

Date reviewed: 2018-05-08

Review time: 9 Days

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
<input type="checkbox"/> Grade A: Excellent	<input checked="" type="checkbox"/> Grade A: Priority publishing	<input type="checkbox"/> Accept	Peer-Review:
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			<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input checked="" type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

Overall the manuscript title is interesting and the authors did a very good job, - Major issue: most of the data were represented in the text which might confuse the reader, thus tables summarizing the data should be added including the safety and efficacy other



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than the table summarizing radiation free ERCP during pregnancy. - Minor issue: in page number 11, please correct table 3 and not "30"

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