

PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 49977

Title: Superior gallstone dissolubility and safety of tert-amyl ethyl ether over methyl-tertiary butyl ether

Reviewer's code: 03011144

Reviewer's country: India

Science editor: Jia-Ping Yan

Reviewer accepted review: 2019-07-23 09:40

Reviewer performed review: 2019-07-23 11:21

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 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 type="checkbox"/> Minor revision	topic of the manuscript:
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

1.How was sample size calculated? 2.How were the animals allocated into groups?
3.Was blinding / randomisation done in the course of the study? 4.How was the volume
(0.1ml) of fluid injected for toxicity arrived at? 5.What were the limitations of the study?



**Baishideng
Publishing
Group**

7041 Koll Center Parkway, Suite
160, Pleasanton, CA 94566, USA
Telephone: +1-925-223-8242
Fax: +1-925-223-8243
E-mail: bpgoffice@wjgnet.com
<https://www.wjgnet.com>

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: 49977

Title: Superior gallstone dissolubility and safety of tert-amyl ethyl ether over methyl-tertiary butyl ether

Reviewer's code: 02510721

Reviewer's country: Italy

Science editor: Jia-Ping Yan

Reviewer accepted review: 2019-07-23 07:53

Reviewer performed review: 2019-07-28 16:00

Review time: 5 Days and 8 Hours

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
<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

To Authors The topic of the manuscript is interesting and has an application and development perspective in the treatment of biliary lithiasis. The idea to dissolve the biliary lithiasis is stimulating even if not new. The study design for the evaluation of a



**Baishideng
Publishing
Group**

7041 Koll Center Parkway, Suite
160, Pleasanton, CA 94566, USA
Telephone: +1-925-223-8242
Fax: +1-925-223-8243
E-mail: bpgoffice@wjgnet.com
https://www.wjgnet.com

new solvent TAEE and its comparison with the already used MTBE is well developed (Methods) and the Results showed are believable. It seems to me an error in the Abstract-Results: "in vitro" repeated twice (for both experiences). In the Discussion the topic of gallstones, cholecystectomy and digestive cancer is very emphasized in relation to the therapeutic choice of the biliary lithiasis dissolution. The therapeutic use of contact litholysis by TAEE is not of next current application. The connection between gallstones, cholecystectomy and digestive cancer is very complex and needs more extended presentation and explication. Based on these considerations, I suggest to reduce this section in the Discussion.

INITIAL REVIEW OF THE MANUSCRIPT

Google Search:

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

BPG Search:

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