

## ESPS PEER-REVIEW REPORT

**Name of journal:** World Journal of Gastrointestinal Surgery

**ESPS manuscript NO:** 17707

**Title:** Detection methods and clinical significance of free peritoneal tumor cells found during colorectal cancer surgery

**Reviewer's code:** 03016888

**Reviewer's country:** Japan

**Science editor:** Xue-Mei Gong

**Date sent for review:** 2015-03-21 12:13

**Date reviewed:** 2015-03-30 18:51

CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	CONCLUSION
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	Google Search:	<input type="checkbox"/> Accept
<input checked="" type="checkbox"/> Grade B: Very good	<input checked="" type="checkbox"/> Grade B: Minor language polishing	<input type="checkbox"/> The same title	<input type="checkbox"/> High priority for publication
<input type="checkbox"/> Grade C: Good		<input type="checkbox"/> Duplicate publication	
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade C: A great deal of language polishing	<input type="checkbox"/> Plagiarism	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade E: Poor		<input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Minor revision
	<input type="checkbox"/> Grade D: Rejected	BPG Search:	<input type="checkbox"/> Major revision
		<input type="checkbox"/> The same title	
		<input type="checkbox"/> Duplicate publication	
		<input type="checkbox"/> Plagiarism	
		<input checked="" type="checkbox"/> No	

## COMMENTS TO AUTHORS

Dr. Simone et al. reported an editorial article about intraperitoneal free cancer cell (IFCC). This article is well written and comprehensively reviewed for this hot topic. However, some questions and comments are written below. 1. Is the term "IFCC" an abbreviation for "intraperitoneal free cancer cells" or "free intra-peritoneal cancer cells" the authors stated? 2. In the last sentence of abstract, the authors stated about adjuvant chemotherapy. However, no evidence of survival benefit by adjuvant chemotherapy is shown so far. The reviewer recommends that the authors adds the sentence about the need for blushing up the detection of positive cytology and need for further studies, as mentioned in conclusion of text. 3. In page 11 line 19-21, the authors stated that "this reflected on survival analysis which lead worse survival in patients with positive cytology ( $p < 0.0001$ )(40)". EVOCAPE 2 study is a negative study. This study showed that positive cytology was not an independent factor on survival. This sentence was a result of univariate analysis and it can mislead for readers. 4. In page 12 line 10-11, the authors stated that "When positive cytology is found, a prophylactic intraperitoneal chemotherapy may be considered." Did the authors have any clinical data of



## BAISHIDENG PUBLISHING GROUP INC

8226 Regency Drive, Pleasanton, CA 94588, USA

Telephone: +1-925-223-8242

Fax: +1-925-223-8243

E-mail: [bpgoffice@wjgnet.com](mailto:bpgoffice@wjgnet.com)

<http://www.wjgnet.com>

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prophylactic intraperitoneal chemotherapy as a prospective study? If only retrospective study data, the reliability of the evidence is quite low. 5. In page 12 line 16-18, the authors stated that "Results are promising in terms of overall and disease free survival and peritoneal recurrence rate (18-20)". However, these studies (ref 18-20) are not randomized controlled trials. These results seems to be not promising.

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**Title:** Detection methods and clinical significance of free peritoneal tumor cells found during colorectal cancer surgery

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<input type="checkbox"/> Grade B: Very good	<input checked="" type="checkbox"/> Grade B: Minor language polishing	<input type="checkbox"/> The same title	<input type="checkbox"/> High priority for publication
<input checked="" type="checkbox"/> Grade C: Good	<input type="checkbox"/> Grade C: A great deal of language polishing	<input type="checkbox"/> Duplicate publication	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade D: Rejected	<input type="checkbox"/> Plagiarism	<input type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E: Poor		<input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Major revision
		BPG Search:	
		<input type="checkbox"/> The same title	
		<input type="checkbox"/> Duplicate publication	
		<input type="checkbox"/> Plagiarism	
		<input checked="" type="checkbox"/> No	

## COMMENTS TO AUTHORS

In general, article is good. It shows us your projects and makes sense. It has newness, concision, and readability in each part. But it also has some flows which should be noticed or improved. Firstly, there are many grammar and written mistakes in manuscript should be noticed and corrected. Secondly, body text has clarified five detection methods and clinical significance of free peritoneal tumor cells found during colorectal cancer surgery which is clear and obvious, however, its lack of sufficient statistics conclusion to analyze the topic deeply. What's more, conclusions discussed the present problems and challenges which should give readers more deep analysis. If the authors bring up more projects about further research in needed, it would be better.

## ESPS PEER-REVIEW REPORT

**Name of journal:** World Journal of Gastrointestinal Surgery

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**Title:** Detection methods and clinical significance of free peritoneal tumor cells found during colorectal cancer surgery

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CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	CONCLUSION
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	Google Search:	<input type="checkbox"/> Accept
<input type="checkbox"/> Grade B: Very good	<input checked="" type="checkbox"/> Grade B: Minor language polishing	<input type="checkbox"/> The same title	<input type="checkbox"/> High priority for publication
<input checked="" type="checkbox"/> Grade C: Good	<input type="checkbox"/> Grade C: A great deal of language polishing	<input type="checkbox"/> Duplicate publication	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade D: Rejected	<input type="checkbox"/> Plagiarism	<input type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E: Poor		<input checked="" type="checkbox"/> No	<input type="checkbox"/> Major revision
		BPG Search:	
		<input type="checkbox"/> The same title	
		<input type="checkbox"/> Duplicate publication	
		<input type="checkbox"/> Plagiarism	
		<input checked="" type="checkbox"/> No	

## COMMENTS TO AUTHORS

Minor issues: 1. In the "Abstract" section, "Positive peritoneal washing" should be identified with a more detailed description. 2. In the "Core Tip", The methods of detections based on real time PCR, will surely add power to conventional cytology and..., what's the "citology"? 3. In "- Mechanism of peritoneal shedding, circulation and seeding of cancer cells", Down regulation of cell-cell adhesion molecules, such as e-cadherin,....., the e-cadherin should be replaced by "E-cadherin". 4. In "Conventional cytology and cytology following immune-markers staining", Immuno-stains for CK7 and CK20 yield a negative and a positive staining result, respectively. A negative and a positive staining result for what? 5. Please give a short explanation of Figure 1.

## ESPS PEER-REVIEW REPORT

**Name of journal:** World Journal of Gastrointestinal Surgery

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CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	CONCLUSION
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	Google Search:	<input type="checkbox"/> Accept
<input type="checkbox"/> Grade B: Very good	<input checked="" type="checkbox"/> Grade B: Minor language polishing	<input type="checkbox"/> The same title	<input type="checkbox"/> High priority for publication
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		<input type="checkbox"/> Plagiarism	
		<input checked="" type="checkbox"/> No	

## COMMENTS TO AUTHORS

I think this manuscript is very interesting and offers us a wide state of the art about the problem of the free peritoneal cells in colorectal cancer. There are some grammar mistakes that must be corrected. The discussion around the statement of the proactive peritoneal treatment if IFCC are present is poor. I think the authors must give a deeper discussion about this topic.