

PEER-REVIEW REPORT

Name of journal: World Journal of Gastrointestinal Oncology

Manuscript NO: 37558

Title: Prospective real-time evaluation of diagnostic performance using a single-CCD integrated type endocytoscopy in differentiating neoplasia from non-neoplasia for colorectal diminutive polyps (≤ 5 mm)

Reviewer's code: 03017952

Reviewer's country: Turkey

Science editor: Li-Jun Cui

Date sent for review: 2017-12-17

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Review time: 12 Days

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 checked="" 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 checked="" 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

Endocytoscopy is an innovative technique that involves a contact light microscopy system integrated into the distal tip of a conventional colonoscope, and can approximate a histopathological diagnosis of the gastrointestinal tract. Although the aim of this study to clarify the diagnostic performance of endocytoscopy for differentiation between neoplastic and non-neoplastic colorectal diminutive polyps the number of evaluated polyp is not enough to get conclusion. However, it is well designed and innovative study gives good information regarding endocytoscopy.

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Manuscript NO: 37558

Title: Prospective real-time evaluation of diagnostic performance using a single-CCD integrated type endocytoscopy in differentiating neoplasia from non-neoplasia for colorectal diminutive polyps (≤ 5 mm)

Reviewer's code: 01560081

Reviewer's country: China

Science editor: Li-Jun Cui

Date sent for review: 2017-12-17

Date reviewed: 2018-01-02

Review time: 16 Days

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 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"/> 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 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 type="checkbox"/> No	

COMMENTS TO AUTHORS

This paper aimed to clarify the diagnostic performance of endocytoscopy for differentiation between neoplastic and non-neoplastic colorectal diminutive polyps (< 5 mm), and concluded that endocytoscopy have a high diagnosis performance. However, there are a number of issues which need to be addressed. 1. The first appearance of single-CCD in title, core tip and introduction section, as well as i-SCAN in discussion, should not be abbreviated, please refine them. 2. In Table 1, please give the comment on the contents of the abbreviation. 3. In Table 2, the authors should give a more detailed explanation, although we know the sensitivity, specificity, accuracy, positive predictive value, and negative predictive value refers to the diagnostic values of EC2 for the diagnosis of adenomas compared to EC1b. It might be better if the authors

could change the form to a 2 * 2 contingency table. 4. Small number of cases may result in selection bias that affects the results. It is better to increase the sample size to further confirm the diagnostic value of endocytoscopy.