

PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 43325

Title: Assessment of chronic radiation proctopathy and radiofrequency ablation treatment follow-up with optical coherence tomography angiography: A pilot study

Reviewer's code: 00188507

Reviewer's country: Japan

Science editor: Jia-Ping Yan

Date sent for review: 2018-11-30

Date reviewed: 2018-11-30

Review time: 16 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 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

The authors described the usage of optical coherence tomography using their prototype system for the assessment of radiation proctopathy. It is really interesting and the manuscript is well written, however, there are few concerns to be addressed before the



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further consideration. 1. Although the authors described that the OCTA play an important role in the clinical management of, however, this study is based on the observation and analyses of patients under the treatment. Therefore, there is no information using this machine for the diagnosis of new patients or description that using this system to follow the course or for decision making for the further treatment. Based on these assessments, it is overstatement saying that the system plays an important role in the management. 2. If the author wants to describe the usage in management, they need to compare its usefulness with that of endoscopy. 3. As the RFA needs the endoscopy, it is overstating to say the usefulness than endoscopy. 4. If the paper is prepared to show the better function of their prototype OCTA than currently available OCTA, it should be reconsidered to be submitted to the other journal.

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: 43325

Title: Assessment of chronic radiation proctopathy and radiofrequency ablation treatment follow-up with optical coherence tomography angiography: A pilot study

Reviewer's code: 03846820

Reviewer's country: Netherlands

Science editor: Jia-Ping Yan

Date sent for review: 2018-12-07

Date reviewed: 2018-12-07

Review time: 5 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 checked="" 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 checked="" 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

Dear author, The paper represents results of the observational clinical trial (N=10, 15 OCTs) which is aiming to examine feasibility of non-endoscopic assessment of chronic radiation proctopathy and radiofrequency ablation treatment follow-up with optical



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coherence tomography (OCT) angiography. The article is written with the good English-speaking adduction of the arguments. The article is sufficiently novel and very interesting to warrant publication. All the key elements are presented and described clearly. The most discussable options in the article are: 1) It is clear that the design of this study is mostly a feasibility-testing, but would you please kindly provide us with the sample size calculation and any understanding regarding your statistical power generally. I would remind that potentially statistical power for a number of patients and OCTs will be different. 2) The Limitations and the Future Perspective must be comprehensively outlined.

INITIAL REVIEW OF THE MANUSCRIPT

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- ☐ No

BPG Search:

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- ☐ Duplicate publication
- ☐ Plagiarism
- ☐ No

PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 43325

Title: Assessment of chronic radiation proctopathy and radiofrequency ablation treatment follow-up with optical coherence tomography angiography: A pilot study

Reviewer's code: 00209021

Reviewer's country: Turkey

Science editor: Jia-Ping Yan

Date sent for review: 2018-12-07

Date reviewed: 2018-12-18

Review time: 3 Hours, 11 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"/> Grade D: Fair	<input type="checkbox"/> Grade C: A great deal of	(General priority)	Peer-reviewer's expertise on the
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		<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 authors undertook a study concerning the feasibility of non-endoscopic assessment of chronic radiation proctopathy and radiofrequency ablation treatment follow-up with Optical Coherence Tomography angiography. They should be congratulated for this



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high quality study. The manuscript is well-written with adequate reference to the current medical literature in the field. The study can be published for educational purposes especially for clinicians in the field. However, the number of patients is not sufficient enough to draw concrete conclusions. The manuscript therefore should be shortened in a format of "brief report".

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