PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 54489

Title: Prediction of different stages for rectal cancer: Texture analysis based on diffusion-weighted images and apparent diffusion coefficient maps

Reviewer's code: 02650654

Position: Peer Reviewer

Academic degree: MD

Professional title: Associate Professor

Reviewer's Country/Territory: Italy

Author's Country/Territory: China

Manuscript submission date: 2020-02-06

Reviewer chosen by: AI Technique

Reviewer accepted review: 2020-02-07 07:33

Reviewer performed review: 2020-02-07 07:53

Review time: 1 Hour

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
[ ] Grade A: Excellent	[Y] Grade A: Priority publishing	[ ] Accept (High priority)	Peer-Review:
[ ] Grade B: Very good	[ ] Grade B: Minor language polishing	[ ] Accept (General priority)	[Y] Anonymous
[Y] Grade C: Good	[ ] Grade C: A great deal of language polishing	[Y] Minor revision	[ ] Onymous
[ ] Grade D: Fair	[ ] Grade D: Rejection	[ ] Major revision	Peer-reviewer's expertise on the topic of the manuscript:
[ ] Grade E: Do not publish		[ ] Rejection	[ ] Advanced
			[Y] General
			[ ] No expertise
			Conflicts-of-Interest:
			[ ] Yes
			[Y] No

SPECIFIC COMMENTS TO AUTHORS

There is a lot of abbreviations: could they be reduced? In the discussion , you could underline the great utility of your methos of staging , comparing with the more usual CT.

INITIAL REVIEW OF THE MANUSCRIPT

Google Search:

[   ] The same title

[   ] Duplicate publication

[   ] Plagiarism

[Y] No

BPG Search:

[   ] The same title

[   ] Duplicate publication

[   ] Plagiarism

[Y] No

PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 54489

Title: Prediction of different stages for rectal cancer: Texture analysis based on diffusion-weighted images and apparent diffusion coefficient maps

Reviewer's code: 00505467

Position: Editorial Board

Academic degree: FRCS (Gen Surg), MD, PhD

Professional title: Academic Research, Adjunct Professor, Assistant Professor, Honorary Research Fellow, Surgeon, Surgical Oncologist

Reviewer's Country/Territory: Greece

Author's Country/Territory: China

Manuscript submission date: 2020-02-06

Reviewer chosen by: AI Technique

Reviewer accepted review: 2020-02-08 08:21

Reviewer performed review: 2020-02-12 10:31

Review time: 4 Days and 2 Hours

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS

			Peer-Review:
[ ] Grade A: Excellent	[Y] Grade A: Priority publishing	[ ] Accept (High priority)	[Y] Anonymous
[ ] Grade B: Very good	[ ] Grade B: Minor language polishing	[Y] Accept (General priority)	[ ] Onymous
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[ ] Grade D: Fair	[ ] Grade D: Rejection	[ ] Major revision	[Y] Advanced
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			[ ] No expertise
			Conflicts-of-Interest:
			[ ] Yes
			[Y] No

SPECIFIC COMMENTS TO AUTHORS

This is a a retrospective study which tries to integrate novel technologies into clinical practice. The retrospective nature and the single slice texture analysis are successfully recognized by the authors as limitations for such kind of studies. Personally, I emphasize the small sample of patients as a limitation of such kind of studies, because considering the factors of the size of tumor, the tumor location from the anal verge and the coexistence of adequate fat in each specific region, and the presence of lyphnodes might create low-size subgroups for further analysis or incorporate them by mistake in larger groups that might create dubious results, especially if we consider the fact that all these patients come from a single center, a fact which might be a limitation to the reproducibility for the results. I would accept as a first step this initial well-written manuscript with an emphasis to the authors to conduct a future randomized multi-center prospective trial.

INITIAL REVIEW OF THE MANUSCRIPT

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[ ] The same title

[ ] Duplicate publication

[   ] Plagiarism

[Y] No

BPG Search:

[   ] The same title

[   ] Duplicate publication

[   ] Plagiarism

[Y] No

RE-REVIEW REPORT OF REVISED MANUSCRIPT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 54489

Title: Prediction of different stages for rectal cancer: Texture analysis based on diffusion-weighted images and apparent diffusion coefficient maps

Reviewer's code: 02650654

Position: Peer Reviewer

Academic degree: MD

Professional title: Associate Professor

Reviewer's Country/Territory: Italy

Author's Country/Territory: China

Manuscript submission date: 2020-02-06

Reviewer chosen by: Yu-Qiao Wang

Reviewer accepted review: 2020-03-30 06:06

Reviewer performed review: 2020-03-30 06:10

Review time: 1 Hour

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
[ ] Grade A: Excellent	[Y] Grade A: Priority publishing	[Y] Accept (High priority)	Peer-Review:
[ ] Grade B: Very good	[ ] Grade B: Minor language polishing	[ ] Accept (General priority)	[Y] Anonymous
[Y] Grade C: Good	[ ] Grade C: A great deal of language polishing	[ ] Minor revision	[ ] Onymous
[ ] Grade D: Fair	[ ] Grade D: Rejection	[ ] Major revision	Peer-reviewer's expertise on the topic of the manuscript:
[ ] Grade E: Do not publish		[ ] Rejection	[ ] Advanced
			[Y] General
			[ ] No expertise
			Conflicts-of-Interest:
			[ ] Yes
			[Y] No

SPECIFIC COMMENTS TO AUTHORS

The paper is interesting   for prospectives of future studies and a review of the problem.

INITIAL REVIEW OF THE MANUSCRIPT

Google Search:

[   ] The same title

[   ] Duplicate publication

[   ] Plagiarism

[Y] No

BPG Search:

[   ] The same title

[   ] Duplicate publication

[   ] Plagiarism

[Y] No

RE-REVIEW REPORT OF REVISED MANUSCRIPT

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS

[ ] Grade A: Excellent	[Y] Grade A: Priority publishing	[ ] Accept (High priority)	Peer-Review:
[ ] Grade B: Very good	[ ] Grade B: Minor language polishing	[Y] Accept (General priority)	[ ] Anonymous
[Y] Grade C: Good	[ ] Grade C: A great deal of language polishing	[ ] Minor revision	[Y] Onymous
[ ] Grade D: Fair	[ ] Grade D: Rejection	[ ] Major revision	Peer-reviewer's expertise on the topic of the manuscript:
[ ] Grade E: Do not publish		[ ] Rejection	[Y] Advanced
			[ ] General
			[ ] No expertise
			Conflicts-of-Interest:
			[ ] Yes
			[Y] No

SPECIFIC COMMENTS TO AUTHORS

Proceed with a multi-centre perspective trial

INITIAL REVIEW OF THE MANUSCRIPT

Google Search:

[ ] The same title

[ ] Duplicate publication

[ ] Plagiarism

[Y] No

BPG Search:

[ ] The same title

[ ] Duplicate publication

[ ] Plagiarism

[Y] No