PEER-REVIEW REPORT

Name of journal: *World Journal of Radiology*

Manuscript NO: 80506

Title: Advancements of molecular imaging and radiomics in pancreatic carcinoma

Provenance and peer review: Invited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 05911248

Position: Peer Reviewer

Academic degree: MD

Professional title: Associate Professor

Reviewer's Country/Territory: China

Author's Country/Territory: China

Manuscript submission date: 2022-09-30

Reviewer chosen by: Dong-Mei Wang

Reviewer accepted review: 2022-10-04 07:56

Reviewer performed review: 2022-10-16 09:13

Review time: 12 Days and 1 Hour

Scientific quality	[ ] Grade A: Excellent [ ] Grade B: Very good [Y] Grade C: Good [ ] Grade D: Fair [ ] Grade E: Do not publish
Language quality	[ ] Grade A: Priority publishing [ ] Grade B: Minor language polishing [Y] Grade C: A great deal of language polishing [ ] Grade D: Rejection
Conclusion	[ ] Accept (High priority) [ ] Accept (General priority) [ ] Minor revision [Y] Major revision [ ] Rejection
Re-review	[Y] Yes [ ] No
Peer-reviewer	Peer-Review: [Y] Anonymous [ ] Onymous

statements	Conflicts-of-Interest: [ ] Yes [Y] No

SPECIFIC COMMENTS TO AUTHORS

In this manuscript, the authors reviewed the recent research progress of nuclear medicine, magnetic resonance imaging, molecular imaging and radiomics in the diagnosis of pancreatic carcinoma. The title, Advancement of molecular imaging in pancreases and our experience, is not comprehensive enough to reflect the full text and needs to be revised. The abstract also does not accurately reflect the work described in the manuscript. In abstract, and the authors mentioned the treatment of pancreatic carcinoma, but there is no treatment related content in main text. In introduction, there is a lack of summary and analysis of the current problems in clinical routine diagnosis of pancreatic carcinoma to illustrate the importance and necessity of molecular imaging. The figures and tables are also irregular and poor quality, and lack of appropriate labeling with arrows.

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Reviewer's code: 02729532

Position: Editorial Board

Academic degree: MBBS, MS

Professional title: Professor

Reviewer's Country/Territory: India

Author's Country/Territory: China

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Reviewer chosen by: AI Technique

Reviewer accepted review: 2022-10-18 11:52

Reviewer performed review: 2022-10-19 14:57

Review time: 1 Day and 3 Hours

Scientific quality	[ ] Grade A: Excellent [Y] Grade B: Very good [ ] Grade C: Good [ ] Grade D: Fair [ ] Grade E: Do not publish
Language quality	[ ] Grade A: Priority publishing [Y] Grade B: Minor language polishing [ ] Grade C: A great deal of language polishing [ ] Grade D: Rejection
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SPECIFIC COMMENTS TO AUTHORS

the review is well constructed. however the english language usage needs improvement with respect to grammar and syntax.