

PEER-REVIEW REPORT

Name of journal: *World Journal of Clinical Cases*

Manuscript NO: 70688

Title: Computed tomography perfusion imaging evaluation of angiogenesis in patients with pancreatic adenocarcinoma

Provenance and peer review: Unsolicited manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 04738361

Position: Peer Reviewer

Academic degree: PhD

Professional title: Director, Research Scientist

Reviewer's Country/Territory: France

Author's Country/Territory: China

Manuscript submission date: 2021-08-14

Reviewer chosen by: AI Technique

Reviewer accepted review: 2021-08-15 08:13

Reviewer performed review: 2021-08-15 13:28

Review time: 5 Hours

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input checked="" type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
Language quality	<input checked="" type="checkbox"/> Grade A: Priority publishing <input type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
Conclusion	<input type="checkbox"/> Accept (High priority) <input type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input checked="" type="checkbox"/> Rejection
Re-review	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No



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Peer-reviewer statements	Peer-Review: [<input checked="" type="radio"/>] Anonymous [<input type="radio"/>] Onymous Conflicts-of-Interest: [<input type="radio"/>] Yes [<input checked="" type="radio"/>] No
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SPECIFIC COMMENTS TO AUTHORS

Manuscript ID 70688 describes CT-based imaging to evaluate angiogenesis in patients with pancreatic adenocarcinoma. Although this topic is very interesting, many issues must be addressed before its potential publication. * The abstract is too long. Many data in the method and result section of the abstract could be transferred to the main text. * The authors have included healthy individuals, yet no images are communicated regarding their CT scans. Nor patients were correctly compared to healthy individuals. * The choices of VEGF, CD105, and CD34 are not clear and not optimal. The authors should have checked CD31, CD144, KDR, and VEGF for better conclusions in angiogenesis. * The imaging data should have been compared to some in vitro experiments. In general, this study is yet superficial and must be significantly developed.

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Provenance and peer review: Unsolicited manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 05573866

Position: Peer Reviewer

Academic degree: MD

Professional title: Assistant Professor

Reviewer's Country/Territory: Egypt

Author's Country/Territory: China

Manuscript submission date: 2021-08-14

Reviewer chosen by: AI Technique

Reviewer accepted review: 2021-08-14 19:24

Reviewer performed review: 2021-08-20 07:56

Review time: 5 Days and 12 Hours

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
Language quality	<input checked="" type="checkbox"/> Grade A: Priority publishing <input type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
Conclusion	<input type="checkbox"/> Accept (High priority) <input type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input checked="" type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

Peer-reviewer statements	Peer-Review: [<input checked="" type="radio"/>] Anonymous [<input type="radio"/>] Onymous Conflicts-of-Interest: [<input type="radio"/>] Yes [<input checked="" type="radio"/>] No
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SPECIFIC COMMENTS TO AUTHORS

Comments to Authors: Authors investigated the value of computer tomography (CT) perfusion imaging in the evaluation of angiogenesis in pancreatic adenocarcinoma patients. Generally, it is an interesting study, however there are some comments and questions the authors should address, all were detailed below: Major concerns; • What was the value of including healthy control in this study? • Specify exposure and the outcome in your study? Minor corrections: To better understand the correlation between relative CT perfusion parameters and AR it should be presented as a figure

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Manuscript NO: 70688

Title: Computed tomography perfusion imaging evaluation of angiogenesis in patients with pancreatic adenocarcinoma

Provenance and peer review: Unsolicited manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 05486540

Position: Peer Reviewer

Academic degree: MD

Professional title: Doctor

Reviewer's Country/Territory: Italy

Author's Country/Territory: China

Manuscript submission date: 2021-08-14

Reviewer chosen by: AI Technique

Reviewer accepted review: 2021-08-15 21:46

Reviewer performed review: 2021-09-06 08:43

Review time: 21 Days and 10 Hours

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input checked="" type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
Language quality	<input type="checkbox"/> Grade A: Priority publishing <input checked="" type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
Conclusion	<input type="checkbox"/> Accept (High priority) <input type="checkbox"/> Accept (General priority) <input checked="" type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Peer-reviewer statements	Peer-Review: [<input checked="" type="radio"/>] Anonymous [<input type="radio"/>] Onymous Conflicts-of-Interest: [<input type="radio"/>] Yes [<input checked="" type="radio"/>] No
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SPECIFIC COMMENTS TO AUTHORS

Manuscript NO 70688, titled Computer tomography perfusion imaging evaluation of angiogenesis in patients with pancreatic adenocarcinoma : ABSTRACT The abstract is too long , the author may reduce the paragraph on the methods as well as the results. Emphasizing the most important information is recommended INTRODUCTION AND DISCUSSION There are some typo of the citation on some paragraphs FIGURES Please add the “ arrow” to help describing the images regarding to information on the legend METHODS How did the observer put the ROI in the tumor parenchym ? Where the ROI should be put in each tumor parenchym with the larger tumor size which had the more heterogenous density (in the solid or necrotic component? How many ROI is put in the each tumor parenchym ? It must be clearly mentioned on the methods section since the size with heterogeneity may influence the results of quantitative values of CT perfusion RESULTS How is the range of tumor size of this study . it’s better to describe it on the results

RE-REVIEW REPORT OF REVISED MANUSCRIPT

Name of journal: *World Journal of Clinical Cases*

Manuscript NO: 70688

Title: Computed tomography perfusion imaging evaluation of angiogenesis in patients with pancreatic adenocarcinoma

Provenance and peer review: Unsolicited manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 05573866

Position: Peer Reviewer

Academic degree: MD

Professional title: Assistant Professor

Reviewer's Country/Territory: Egypt

Author's Country/Territory: China

Manuscript submission date: 2021-08-14

Reviewer chosen by: Li-Li Wang

Reviewer accepted review: 2021-11-17 14:40

Reviewer performed review: 2021-11-17 14:53

Review time: 1 Hour

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
Language quality	<input type="checkbox"/> Grade A: Priority publishing <input checked="" type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
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Peer-reviewer	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous



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statements

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

SPECIFIC COMMENTS TO AUTHORS

authors addressed all concerns raised by the reviewer

RE-REVIEW REPORT OF REVISED MANUSCRIPT

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Professional title: Director, Research Scientist

Reviewer's Country/Territory: France

Author's Country/Territory: China

Manuscript submission date: 2021-08-14

Reviewer chosen by: Li-Li Wang

Reviewer accepted review: 2021-11-17 21:19

Reviewer performed review: 2021-11-18 14:15

Review time: 16 Hours

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input checked="" type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
Language quality	<input type="checkbox"/> Grade A: Priority publishing <input checked="" type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
Conclusion	<input type="checkbox"/> Accept (High priority) <input type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input checked="" type="checkbox"/> Rejection
Peer-reviewer	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous



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statements

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

SPECIFIC COMMENTS TO AUTHORS

Unfortunately, the authors did not provide enough answers for the scientific request and rather they provided some more explanations. The financial limitations could not justify the absence of some experiments.