



## PEER-REVIEW REPORT

**Name of journal:** *World Journal of Radiology*

**Manuscript NO:** 74123

**Title:** Recent advances in imaging techniques of renal masses

**Provenance and peer review:** Invited manuscript; externally peer reviewed

**Peer-review model:** Single blind

**Reviewer's code:** 05909613

**Position:** Peer Reviewer

**Academic degree:** MD

**Professional title:** Consultant Physician-Scientist

**Reviewer's Country/Territory:** Italy

**Author's Country/Territory:** India

**Manuscript submission date:** 2021-12-21

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2021-12-21 06:46

**Reviewer performed review:** 2021-12-21 22:24

**Review time:** 15 Hours

<b>Scientific quality</b>	<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 Grade E: Do not publish
<b>Language quality</b>	<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
<b>Conclusion</b>	<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
<b>Re-review</b>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>Peer-reviewer</b>	Peer-Review: <input type="checkbox"/> Anonymous <input checked="" type="checkbox"/> Onymous



**Baishideng  
Publishing  
Group**

7041 Koll Center Parkway, Suite  
160, Pleasanton, CA 94566, USA  
**Telephone:** +1-925-399-1568  
**E-mail:** bpgoffice@wjgnet.com  
**https://**www.wjgnet.com

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

#### **SPECIFIC COMMENTS TO AUTHORS**

The review is well written and provides a comprehensive discussion of the topic. Nevertheless the part concerning nuclear medicine is too short. Furthermore, the first sentence of this paragraph should be more precise. It is FDG PET the imaging method which is not so accurate in the discussed issue. Indeed reference 71 refers to FDG. I would suggest to expand this paragraph making a discrimination between fdg and non-fdg tracers.



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**Manuscript NO:** 74123

**Title:** Recent advances in imaging techniques of renal masses

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**Peer-review model:** Single blind

**Reviewer’s code:** 02832130

**Position:** Peer Reviewer

**Academic degree:** MD

**Professional title:** Professor

**Reviewer’s Country/Territory:** China

**Author’s Country/Territory:** India

**Manuscript submission date:** 2021-12-21

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**Reviewer accepted review:** 2021-12-21 06:34

**Reviewer performed review:** 2021-12-22 13:37

**Review time:** 1 Day and 7 Hours

<b>Scientific quality</b>	<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
<b>Language quality</b>	<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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## SPECIFIC COMMENTS TO AUTHORS

Comments of 74123-Manuscript The subject of this manuscript is of value, but there are defects need to be modified. 1. The structure (order of imaging techniques) of some sections (Abstract,Introduction,Conclusion section) of this manuscript is not clear or confusing. Should the author adjust the order of imaging techniques in those sections, to be consistent with the order in the text (ultrasound techniques, CT techniques and MRI techniques). 2. About the capitalization of the first letter of English words: Many words in the text have their initials capitalized. This is inconsistent with the periodical format requirements, please check and modify. 3. There are no full names before the abbreviations of some professional terms, such as MRI, etc. 4. Introduction section: Line 5: Multidetector Multidetector Computed Tomography (MDCT) forms.....Multidetector is a duplicate word. 5. The brackets in the Figure legends are inconsistent, please according to the requirements of the journal. Fig 1 A) Greyscale US image shows heteroechoic lesion from the lower pole of the right kidney. B,C,D,E) Multiphase CEUS images show no, and Fig 2. CEUS images of a solid-cystic lesion in the left kidney show thick nodular septal enhancement (arrow, A) and enhancement. 6. Abstract section: However, few of the renal masses remain indeterminate even. Introduction section: P2L1: Current imaging methods for the evaluation of renal tumors suffer from few major drawbacks. Maybe the readers can't accurately understand the meaning of the original text. Few or a few? Please check them. 7. Diffusion-weighted imaging section: Many researchers are showing interest in evaluating the role of intravoxel incoherent motion (IVIM) and Diffusion kurtosis in differentiating benign from malignant renal masses and also in the grading. The author mentioned DKI without further explanation. It is suggested to delete DKI or add explanation. 8.



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**https://**[www.wjgnet.com](https://www.wjgnet.com)

Figures: Good.