

PEER-REVIEW REPORT

Name of journal: World Journal of Clinical Cases

Manuscript NO: 65828

Title: Advances in deep learning for computed tomography denoising

Reviewer's code: 05180942

Position: Editorial Board

Academic degree: MD, MSc

Professional title: Associate Professor

Reviewer's Country/Territory: Turkey

Author's Country/Territory: South Korea

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Reviewer chosen by: Ya-Juan Ma

Reviewer accepted review: 2021-03-28 10:03

Reviewer performed review: 2021-03-28 11:58

Review time: 1 Hour

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 Grade E: Do not publish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 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 checked="" type="checkbox"/> Minor revision <input 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 type="checkbox"/> Anonymous <input checked="" type="checkbox"/> Onymous Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

1) It is not necessary to use the abbreviation "GAN", which is used to mention "generative adversarial network" once in the text. 2) Some punctuation marks are missing in the text. 3) Limitations in deep learning should be mentioned. The following articles are examples, citations are not required. Arndt C, Güttler F, Heinrich A, Bürckenmeyer F, Diamantis I, Teichgräber U. Deep Learning CT Image Reconstruction in Clinical Practice. *Rofo*. 2021 Mar;193(3):252-261. English. doi: 10.1055/a-1248-2556. Epub 2020 Dec 10. PMID: 33302311. Guan S, Khan AA, Sikdar S, Chitnis PV. Limited-View and Sparse Photoacoustic Tomography for Neuroimaging with Deep Learning. *Sci Rep*. 2020;10(1):8510. Published 2020 May 22. doi:10.1038/s41598-020-65235-2