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PEER-REVIEW REPORT

Name of journal: World Journal of Clinical Oncology

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Title: Current Update on Imaging for Pancreatic Neuroendocrine Neoplasms

Reviewer's code: 05060505

Position: Peer Reviewer

Academic degree: PhD

Professional title: Chief Doctor

Reviewer's Country/Territory: China

Author's Country/Territory: United States

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Reviewer chosen by: AI Technique

Reviewer accepted review: 2021-04-22 00:42

Reviewer performed review: 2021-04-22 13:31

Review time: 12 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 Grade E: Do not publish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 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="checkbox"/> Anonymous <input type="checkbox"/> Onymous Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

This paper was well written. The authors discussed the most current classifications of panNENs based on pathology, genetics, clinical features, and imaging techniques. In my view, malignant tumors are heterogeneous with internal spatial variations secondary to differences in angiogenesis and cellularity, and tumors with aggressive behavior and poor prognosis have higher intratumoral heterogeneity. Notably, texture analysis is a potentially useful tool that evaluates tissue gray-level intensity and pixel position within an image and allows quantification of tumor spatial heterogeneity. Texture analysis or radiomics based on CT/MRI or PET/CT has been investigated in staging of PNETs or prognosis prediction.