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PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 57208

Title: New advances in radiomics of gastrointestinal stromal tumors

Reviewer's code: 02527563

Position: Peer Reviewer

Academic degree: MD

Professional title: Doctor

Reviewer's Country/Territory: Japan

Author's Country/Territory: Italy

Manuscript submission date: 2020-05-28

Reviewer chosen by: AI Technique

Reviewer accepted review: 2020-05-29 03:02

Reviewer performed review: 2020-06-02 08:37

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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 Grade E: Do not publish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
Conclusion	<input type="checkbox"/> Accept (High priority) <input checked="" type="checkbox"/> Accept (General priority) <input 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="checkbox"/> Anonymous <input type="checkbox"/> Onymous Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

Thank you for letting me review the present article entitled "New advances in radiomics of gastrointestinal stromal tumors." In this article, the author is reviewing the impact of radiomic analysis, especially the texture analysis, in diagnosis, risk prediction, and prognostication of GISTs. The present article is well written, and the literature search is thoroughly performed. I only have minor comments as below.

1. page 5, last line: "the reproducibility of radiomics features on contrast-enhanced CT." Please erase "contrast-enhanced," since the referred study has shown that radiomic features of the enhanced and unenhanced CT is strongly affected by the enumerated factors.
2. page 6, line 5: "especially for smaller tumors that are difficult to visualize on non-contrast CT." Distinguish might be better than visualize
3. Some spelling errors are seen as, page 8, line 12 "inter-reared," page 12, line 21 "published studies on radiomics of GISTs and retrospective" → are retrospective...