

PEER-REVIEW REPORT

Name of journal: *World Journal of Clinical Cases*

Manuscript NO: 76628

Title: Efficacy of digital breast tomosynthesis combined with magnetic resonance imaging in the diagnosis of early breast cancer

Provenance and peer review: Unsolicited manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 06075089

Position: Peer Reviewer

Academic degree: MD

Professional title: Doctor

Reviewer's Country/Territory: Belgium

Author's Country/Territory: China

Manuscript submission date: 2022-05-26

Reviewer chosen by: AI Technique

Reviewer accepted review: 2022-05-30 23:57

Reviewer performed review: 2022-06-12 23:50

Review time: 12 Days and 23 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 Grade E: Do not publish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 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 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
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SPECIFIC COMMENTS TO AUTHORS

Imaging examinations play a critical role in the early detection and diagnosis of breast cancer. This study analyzed the clinical value of MRI combined with DBT in the diagnosis of early breast cancer. They found that the sensitivity and specificity of DBT combined with MRI in the differential diagnosis of benign and malignant breast tumors were 97.27% and 93.64%, suggesting that DBT combined with MRI in the differential diagnosis of benign and malignant breast tumors has higher clinical diagnostic value. In addition, authors also analyzed the advantages of breast-conserving surgery over modified radical mastectomy. Very interesting study. The article is sufficiently novel and very interesting to warrant publication. The Results are presented clearly and have been discussed well. However, the quality-of-life score of the breast-conserving group is higher than that of the modified radical group, which is also expected. However, whether the tumor recurrence rate of the breast-conserving group is different from that of the modified radical group is an important question. In addition, editing and proofreading are needed to maintain the best sense of reading.

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Reviewer's Country/Territory: Portugal

Author's Country/Territory: China

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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
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SPECIFIC COMMENTS TO AUTHORS

I read the manuscript entitled “The efficacy of DBT combined with MRI in the diagnosis of early breast cancer and the value analysis of small incision conserving surgery” with great interest. In my honest opinion, the topic is interesting and the retrospectively studies novel enough to attract the readers’ attention. The introduction gives a good overview about the study background and the authors raised clearly the aim of the study. The description of material studied is accurate. The aim of the study is fulfilled. The discussion section is well written. The authors clarified some points and cite relevant and novel key articles on the subject to discuss their findings. I have a minor suggestion: Table needs to be revised to be more organized and the format of references should be modified. In general, the article provides an essential reference for researchers in this field and the results are interesting and could be useful for other studies. I recommend that the manuscript can be published.