

## PEER-REVIEW REPORT

**Name of journal:** *World Journal of Clinical Cases*

**Manuscript NO:** 70114

**Title:** Combined molybdenum target X-ray and magnetic resonance imaging examinations improve breast cancer diagnostic efficacy

**Provenance and peer review:** Unsolicited Manuscript; Externally peer reviewed

**Peer-review model:** Single blind

**Reviewer's code:** 06143333

**Position:** Peer Reviewer

**Academic degree:** MD, PhD

**Professional title:** Assistant Professor

**Reviewer's Country/Territory:** United States

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

**Manuscript submission date:** 2021-09-09

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2021-09-14 08:28

**Reviewer performed review:** 2021-09-26 13:36

**Review time:** 12 Days and 5 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 Grade E: Do not publish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 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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No

**Peer-reviewer  
statements**

Peer-Review: ☒ Anonymous ☐ Onymous

Conflicts-of-Interest: ☐ Yes ☒ No

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

Early-stage breast cancer patients often lack specific clinical manifestations, and without timely diagnosis and intervention, the disease may progress, potentially invading the skin and the thoracic muscles and fascia. An early breast cancer diagnosis is critical. Radiological technology is constantly developing, and MRI is also valuable for diagnosing breast cancer; it has high soft-tissue resolution and plainly presents abnormal enhancements in breast images, providing an objective reference for diagnosing and evaluating breast cancer. This study explored the combined diagnostic efficacy of molybdenum target X-ray and MRI examinations to improve the early detection of breast cancer. The study is well designed and the methods are clearly described. The results are interesting and discussed with updated references. The reviewer suggests to accept this manuscript after a minor editing. No other special comments to the authors.

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**Peer-review model:** Single blind

**Reviewer's code:** 06143286

**Position:** Peer Reviewer

**Academic degree:** PhD

**Professional title:** Doctor

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

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

**Manuscript submission date:** 2021-09-09

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2021-09-14 08:26

**Reviewer performed review:** 2021-09-26 13:50

**Review time:** 12 Days and 5 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
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<b>Peer-reviewer statements</b>	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**

This is an interesting study of molybdenum target X-ray and magnetic resonance imaging in breast cancer diagnostics. The inclusion and exclusion criteria for the patients are reasonable and the characters of the patients are described in detail. Please discuss the limit of the manuscript.