



## PEER-REVIEW REPORT

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

**Manuscript NO:** 72510

**Title:** Effects of breast-conserving surgery and sentinel lymph node biopsy in the treatment of breast cancer and their correlation with the expression of polyligand proteoglycan-1

**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:** 2021-12-20

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2021-12-23 10:33

**Reviewer performed review:** 2022-01-04 09:32

**Review time:** 11 Days and 22 Hours

<b>Scientific quality</b>	<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 Grade E: Do not publish
<b>Language quality</b>	<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
<b>Conclusion</b>	<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



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<b>Re-review</b>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<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

### **SPECIFIC COMMENTS TO AUTHORS**

Thank you for giving us the precious opportunity for reading an interesting report. In this observational study, the authors assess the breast-conserving surgery and sentinel lymph node biopsy for breast cancer treatment and their correlation with polyligand proteoglycan-1. The paper is good and well written, the introduction gives a good overview about the study background and the authors raised clearly the hypothesis of the study. The description of material studied is accurate. The aim of the study is fulfilled. The material studied is large enough and allows to draw the conclusions. The discussion section gave emphasis to the new contribution of the study in its field. I have the following questions and comments: Comments 1: In page 9, line 13, what dose 'EMS' mean? Comments 2: Figure 1 should be mentioned in the text. Comments 3: Discussion provides a detailed analysis and discussion of this study; I suggest the authors also could allow comprehensively discuss the different treatment methods and their correlation with SDC-1 expression based on similar studies published previously.



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**Reviewer's code:** 06074980

**Position:** Peer Reviewer

**Academic degree:** PhD

**Professional title:** Doctor

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

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

**Manuscript submission date:** 2021-12-20

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2021-12-23 10:34

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**Review time:** 13 Days and 23 Hours

<b>Scientific quality</b>	<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
<b>Language quality</b>	<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
<b>Conclusion</b>	<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



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### **SPECIFIC COMMENTS TO AUTHORS**

Dear editor, the results of the article are extremely beneficial for the early diagnosis, treatment, effective control of the recurrence of breast cancer, and certain reference value. Currently, the relationship between the expression level of SDC-1 and patients with breast cancer before and after surgery has not been indicated in clinical studies. In this study, breast preservation surgery and sentinel lymph node biopsy were performed on patients, immunohistochemistry was used to detect the positive expression of SDC-1, and the relationship between SDC-1 and clinicopathological factors of breast cancer was analyzed. Also, the writing language of the article is very successful. This article is a guide for future work. This article should be published and shared data as soon as possible. BEST REGARDS