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| Book Name: | [Medical Science: Trends and Innovations](https://www.bookpi.org/bookstore/product/medical-science-trends-and-innovations-vol-1/) |
| Manuscript Number: | **Ms\_BPR\_4666** |
| Title of the Manuscript: | **Efficacy of Shear-Wave Elastography for Evaluation of Solid Breast Masses** |
| Type of the Article | **BOOK CHAPTER** |

**Special note:**

**A research paper already published in a journal can be published as a Book Chapter in an expanded form with proper copyright approval.**

**Source Article:**

**This chapter is an extended version of the article published by the same author(s) in the following journal.**

**Al-Kindy College Medical Journal, Vol. 19 No. 3 (2023).**

**DOI:** [**https://doi.org/10.47723/kcmj.v19i3.1218**](https://doi.org/10.47723/kcmj.v19i3.1218)

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| PART 1: Comments | | |
|  | Reviewer’s comment **Artificial Intelligence (AI) generated or assisted review comments are strictly prohibited during peer review.** | Author’s Feedback *(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)* |
| **Please write a few sentences regarding the importance of this manuscript for the scientific community. A minimum of 3-4 sentences may be required for this part.** | This manuscript contributes to the research on breast cancer diagnostics by evaluating the role of Shear-Wave Elastography (SWE) in distinguishing between benign and malignant breast masses. Given the rising incidence of breast cancer and the limitations of conventional imaging modalities, this study offers valuable insights into the diagnostic potential of SWE in improving specificity and reducing unnecessary biopsies. The findings may help radiologists refine their diagnostic protocols and provide clinicians with a non-invasive method to better assess suspicious breast lesions. |  |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | The title is acceptable, But. A suggested title:  "Diagnostic Accuracy and Efficacy of Shear-Wave Elastography in Solid Breast Masses" |  |
| Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here. | The abstract is well-structured and provides a comprehensive overview of the study. However, a few improvements could enhance it:   1. The term *"Short-Wave Elastography"* appears in the abstract but is likely a typographical error, as the study focuses on *Shear-Wave Elastography (SWE)*. This should be corrected throughout. Short-Wave Elastography and Shear-Wave Elastography (SWE) are not the same. The technique described in your manuscript is Shear-Wave Elastography (SWE). 2. The sensitivity and specificity values for differentiating malignant tumors should be clearly stated within the abstract for both BI-RADS and histopathological comparison. |  |
| **Is the manuscript scientifically, correct? Please write here.** | The study is scientifically sound with appropriate methodology and statistical analysis. However:  The discussion should elaborate on the clinical implications of false-positive and false-negative results observed in SWE. |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.** | The references are extensive. |  |
| Is the language/English quality of the article suitable for scholarly communications? | The language is generally suitable for scholarly communication. |  |
| Optional/General comments | The study effectively demonstrates the diagnostic potential of SWE |  |

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| **PART 2:** | | |
|  | **Reviewer’s comment** | **Author’s comment** *(if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)* |
| **Are there ethical issues in this manuscript?** | *(If yes, Kindly please write down the ethical issues here in details)* |  |

**Reviewer details:**

**Yinguang Gao, Capital Medical University, China**