



**PEER-REVIEW REPORT**

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

**Manuscript NO:** 54678

**Title:** Evaluation of internal and shell stiffness assessment in differential diagnosis of breast non-mass lesions by shear wave elastography

**Reviewer's code:** 03478909

**Position:** Peer Reviewer

**Academic degree:** MD, PhD

**Professional title:** Doctor, Professor

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

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

**Manuscript submission date:** 2020-02-24

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2020-02-24 10:22

**Reviewer performed review:** 2020-03-10 11:35

**Review time:** 15 Days and 1 Hour

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	<input type="checkbox"/> Accept	Peer-Review:
<input type="checkbox"/> Grade B: Very good	<input checked="" type="checkbox"/> Grade B: Minor language	(High priority)	<input checked="" type="checkbox"/> Anonymous
<input checked="" type="checkbox"/> Grade C: Good	polishing	<input checked="" type="checkbox"/> Accept	<input type="checkbox"/> Onymous
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade C: A great deal of	(General priority)	Peer-reviewer's expertise on the
<input type="checkbox"/> Grade E: Do not	language polishing	<input type="checkbox"/> Minor revision	topic of the manuscript:
publish	<input type="checkbox"/> Grade D: Rejection	<input type="checkbox"/> Major revision	<input checked="" type="checkbox"/> Advanced
		<input type="checkbox"/> Rejection	<input type="checkbox"/> General
			<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input checked="" type="checkbox"/> No



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7041 Koll Center Parkway, Suite  
160, Pleasanton, CA 94566, USA  
**Telephone:** +1-925-399-1568  
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#### **SPECIFIC COMMENTS TO AUTHORS**

This is an interesting study about the value of ultrasonic shear wave elastography in the differential diagnosis of breast non-mass lesions. The study is well designed. The tables and figures requires an editing. I found some Chinese words, pease check and reivse.

#### **INITIAL REVIEW OF THE MANUSCRIPT**

##### ***Google Search:***

- The same title
- Duplicate publication
- Plagiarism
- No

##### ***BPG Search:***

- The same title
- Duplicate publication
- Plagiarism
- No



**PEER-REVIEW REPORT**

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

**Manuscript NO:** 54678

**Title:** Evaluation of internal and shell stiffness assessment in differential diagnosis of breast non-mass lesions by shear wave elastography

**Reviewer's code:** 01563469

**Position:** Peer Reviewer

**Academic degree:** FEBG, PhD

**Professional title:** Professor, Research Scientist

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

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

**Manuscript submission date:** 2020-02-24

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2020-02-24 10:22

**Reviewer performed review:** 2020-03-14 02:52

**Review time:** 18 Days and 16 Hours

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	<input type="checkbox"/> Accept	Peer-Review:
<input checked="" type="checkbox"/> Grade B: Very good	<input checked="" type="checkbox"/> Grade B: Minor language	(High priority)	<input checked="" type="checkbox"/> Anonymous
<input type="checkbox"/> Grade C: Good	polishing	<input type="checkbox"/> Accept	<input type="checkbox"/> Onymous
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade C: A great deal of	(General priority)	Peer-reviewer's expertise on the
<input type="checkbox"/> Grade E: Do not	language polishing	<input checked="" type="checkbox"/> Minor revision	topic of the manuscript:
publish	<input type="checkbox"/> Grade D: Rejection	<input type="checkbox"/> Major revision	<input checked="" type="checkbox"/> Advanced
		<input type="checkbox"/> Rejection	<input type="checkbox"/> General
			<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input checked="" type="checkbox"/> No



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## **SPECIFIC COMMENTS TO AUTHORS**

Breast lesions can be divided into mass and non-mass lesions, which refers to no clear boundary and no invasion in two or more different scanning sections on ultrasonography. Diagnostic specificity of conventional ultrasound is low. Shear wave elastography can differentiate benign from malignant lesions by evaluating the stiffness of breast masses, with good reproducibility and high diagnostic efficacy. However, there are still few independent studies on non-mass lesions. In this study, the authors explored the value of ultrasonic shear wave elastography in the differential diagnosis of breast non-mass lesions. The design of the study is good, and results are very interesting. I have some minor comments: 1. Overall, the manuscript is well written, but a minor editing is required. 2. The inclusion and exclusion criteria are reasonable and clear. Are there any clinical data for the 118 patients? It's better to add a table for those clinical data of the patients. 3. Figures and tables are good. Please change the Chinese words to English. 4. The discussion is too long, please short it.

## **INITIAL REVIEW OF THE MANUSCRIPT**

### ***Google Search:***

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### ***BPG Search:***

- The same title
- Duplicate publication



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[ ] Plagiarism

[ Y ] No



**PEER-REVIEW REPORT**

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

**Manuscript NO:** 54678

**Title:** Evaluation of internal and shell stiffness assessment in differential diagnosis of breast non-mass lesions by shear wave elastography

**Reviewer's code:** 02447116

**Position:** Peer Reviewer

**Academic degree:** MBBS, MD, MSc, PhD

**Professional title:** Full Professor, Professor, Research Scientist

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

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

**Manuscript submission date:** 2020-02-24

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2020-02-25 03:33

**Reviewer performed review:** 2020-03-14 03:00

**Review time:** 17 Days and 23 Hours

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	<input type="checkbox"/> Accept	Peer-Review:
<input type="checkbox"/> Grade B: Very good	<input checked="" type="checkbox"/> Grade B: Minor language	(High priority)	<input checked="" type="checkbox"/> Anonymous
<input checked="" type="checkbox"/> Grade C: Good	polishing	<input checked="" type="checkbox"/> Accept	<input type="checkbox"/> Onymous
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade C: A great deal of	(General priority)	Peer-reviewer's expertise on the
<input type="checkbox"/> Grade E: Do not	language polishing	<input type="checkbox"/> Minor revision	topic of the manuscript:
publish	<input type="checkbox"/> Grade D: Rejection	<input type="checkbox"/> Major revision	<input checked="" type="checkbox"/> Advanced
		<input type="checkbox"/> Rejection	<input type="checkbox"/> General
			<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input checked="" type="checkbox"/> No



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

Very interesting study for the value of ultrasonic shear wave elastography in the differential diagnosis of breast non-mass lesions. Manuscript is well written. After a minor editing, it can be accepted for publication.

#### **INITIAL REVIEW OF THE MANUSCRIPT**

##### ***Google Search:***

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- No

##### ***BPG Search:***

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- No