

## PEER-REVIEW REPORT

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

**Manuscript NO:** 53594

**Title:** Comparison measurements of anterior chamber angle via Anterior Segment Optical Coherence Tomography and Ultrasound Biomicroscopy

**Reviewer's code:** 02992514

**Position:** Peer Reviewer

**Academic degree:** FRCPA, FRCPC, MD, PhD

**Professional title:** Professor, Reader in Health Technology Assessment, Research Scientist

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

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

**Manuscript submission date:** 2020-04-09

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2020-04-13 10:35

**Reviewer performed review:** 2020-04-27 09:23

**Review time:** 13 Days and 22 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 Grade E: Do not publish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
<b>Re-review</b>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Peer-reviewer</b>	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous

statements

Conflicts-of-Interest: [ ] Yes [Y] No

## SPECIFIC COMMENTS TO AUTHORS

There are no obvious clinical manifestations in the early stage of glaucoma; typical visual field defects or progressive loss of visual acuity and other symptoms may appear in the moderate or severe phase of glaucoma. At present, gonioscopy, anterior segment optical coherence tomography and ultrasound biomicroscopy are commonly used to evaluate anterior chamber angle. Anterior segment optical coherence tomography and other non-contact imaging modalities provide a quick, user-friendly and objective non-invasive method of assessing the anterior segment parameters and anterior chamber angle and are well tolerated by the patient and correlates well with the information provided by gonioscopy. In this study, the authors evaluated the agreement, difference and correlation of chamber angle parameters such as angle opening distance and trabeculo-iris space area measured by anterior segment optical coherence tomography and ultrasound biomicroscopy. This manuscript is very well designed and the results are interesting. The evaluation procedures is listed in detail. Minor comments: 1. The images are in a low resolution, and some of the words in the figures are difficulty to read. Authors should update the images. 2. Discussion is acceptable, but a little long. 3. A minor language editing is required.

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

**Manuscript NO:** 53594

**Title:** Comparison measurements of anterior chamber angle via Anterior Segment Optical Coherence Tomography and Ultrasound Biomicroscopy

**Reviewer's code:** 03024280

**Position:** Peer Reviewer

**Academic degree:** FRCS (Ed), PhD

**Professional title:** Professor, Senior Lecturer

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

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

**Manuscript submission date:** 2020-04-09

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2020-04-13 10:36

**Reviewer performed review:** 2020-04-27 09:26

**Review time:** 13 Days and 22 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 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
<b>Conclusion</b>	<input type="checkbox"/> Accept (High priority) <input checked="" type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
<b>Re-review</b>	<input type="checkbox"/> Yes <input checked="" 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**

This is an interesting study of the comparison measurements of anterior chamber angle.

I read the manuscript with great interesting. The manuscript is well written. I have no specific comments.

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

**Manuscript NO:** 53594

**Title:** Comparison measurements of anterior chamber angle via Anterior Segment Optical Coherence Tomography and Ultrasound Biomicroscopy

**Reviewer's code:** 03015897

**Position:** Peer Reviewer

**Academic degree:** FEBG, MD

**Professional title:** Associate Professor, Research Scientist, Senior Lecturer

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

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

**Manuscript submission date:** 2020-04-09

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2020-04-13 10:35

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**Review time:** 13 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
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<b>Re-review</b>	<input type="checkbox"/> Yes <input checked="" 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



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

Interesting study.