

Match Overview

1	Crossref 90 words K Mansouri. "Prospective comparison of ultrasound biomicroscopy and anterior segment optical coherence tomography in angle-closure glaucoma."	3%
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Name of Journal: *World Journal of Clinical Cases*

Manuscript NO: 53594

Manuscript Type: ORIGINAL ARTICLE

Clinical Trials Study

Comparison measurements of anterior chamber angle via anterior segment optical coherence tomography and ultrasound biomicroscopy

Yu ZY *et al.* AOD500 and TISA500 measurements via AS-OCT and UBM

Zi-Yan Yu, Ting Huang, Lu Lu, Bo Qu

Abstract

BACKGROUND



Comparison measurements of anterior chamber angle vi



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<https://www.sciencedirect.com/science/article/pii/S0886335007002593>

Anterior segment optical coherence tomography can perform measurements without a coupling medium as it uses light energy; in UBM, sound energy is used. Anterior segment optical coherence tomography is a noncontact technique, which increases patient comfort and cooperation as well as safety, especially in pediatric patients.

Cited by: 253

Author: Tanuj Dada, Ramanjit Sihota, Ritu Gadia, ...

Publish Year: 2007

Prospective comparison of ultrasound biomicroscopy and ...

<https://www.nature.com/articles/eye2009103>

May 15, 2009 · To compare the accuracy in measurement of the anterior chamber (AC) angle by anterior segment optical coherence tomography (AS-OCT) and ultrasound biomicroscopy (UBM) in European patients with ...

Cited by: 20

Author: K Mansouri, J Sommerhalder, T Shaarawy

Publish Year: 2010

Comparison of different modes in optical coherence ...

<https://www.ncbi.nlm.nih.gov/pubmed/19680056>

PURPOSE: To compare anterior chamber angle width measurements by low and high-resolution anterior segment optical coherence tomography (AS-OCT) and ultrasound biomicroscopy (UBM). PATIENTS AND METHODS: Thirty-six eyes of 32 patients with gonioscopically narrow angles from a university-based glaucoma clinic were recruited in the study.

Cited by: 29

Author: Dandan Wang, Melike Pekmezci, Ryan P...

Publish Year: 2009

Anterior chamber angle measurement with anterior segment ...

<https://www.ncbi.nlm.nih.gov/pubmed/18408181>

Anterior chamber angle measurement with anterior segment optical coherence tomography: a comparison between slit lamp OCT and Visante OCT. Leung CK(1), Li H, Weinreb RN, Liu J, Cheung CY, Lai RY, Pang CP, Lam DS.

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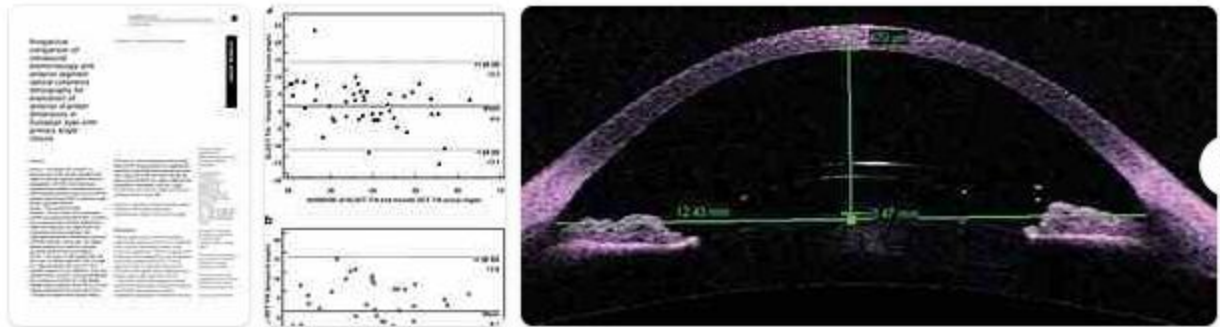
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Comparison of anterior segment optical coherence ...

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Both anterior segment optical coherence tomography (AS-OCT) and ultrasound biomicroscopy (UBM) allow imaging of anterior ocular structures. Anterior segment optical coherence tomography produces images similar to B-mode ultrasound imaging except that it uses light instead of sound. 1 Anterior segment optical coherence tomography allows high-resolution analysis and measurement of the anterior ...

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