

QUANTITATIVE OPTICAL COHERENCE TOMOGRAPHY ...

<https://www.ncbi.nlm.nih.gov/pubmed/30383712>

Oct 31, 2018 · 1. retina. 2018 oct 31. doi: 10.1097/iae.0000000000002373. [epub ahead of print]

quantitative optical coherence tomography angiography features for objective classification and...

Cited by: 31 Author: Minhaj Alam, Yue Zhang, Jennifer I. Lim, ...

Publish Year: 2020

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QUANTITATIVE OPTICAL COHERENCE TOMOGRAPHY ANGIOGRAPHY FEATURES FOR

OBJECTIVE CLASSIFICATION AND STAGING OF DIABETIC RETINOPATHY. Alam M(1), Zhang Y(2),...

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QUANTITATIVE OPTICAL COHERENCE TOMOGRAPHY ...

<https://pubmed.ncbi.nlm.nih.gov/31972803>

Purpose: This study aims to characterize quantitative optical coherence tomography angiography (OCTA) features of nonproliferative diabetic retinopathy (NPDR) and to validate them for computer-aid...

[PDF] Quantitative analysis of optical coherence tomography ...

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Quantitative analysis of optical coherence tomography angiography metrics in diabetic

retinopathy Hamid Safi, Pasha Anvari, Dariush Naseri, Hamideh Shenazandi, Pegah Kazemi, ... pupil...

[PDF] QUANTITATIVE OPTICAL COHERENCE TOMOGRAPHY ...

<https://www.researchgate.net/profile/Minhaj-Alam-2...>

quantitative optical coherence tomography angiography features for objective classification and staging of diabetic retinopathy minhaj alam, bs,* yue zhang, ms ...

[PDF] Retracted: Early diabetic retinopathy diagnosis based on ...

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Key words: early diabetic retinopathy (DR) diagnosis, foveal avascular zone (FAZ), local retinal blood

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In this prospective study, optical coherence tomography and optical coherence tomography angiography images of patients with different stages of diabetic retinopathy were obtained. In optical coherence tomography angiography images, the size of foveal avascular zone, central macular thickness, and vessel density at superficial and deep ...

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Author: Hamid Safi, Pasha Anvari, Dariush Naseri, ...

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Key words: early diabetic retinopathy (DR) diagnosis, foveal avascular zone (FAZ), local retinal blood vessels analysis, optical coherence tomography angiography (OCTA), support vector machine (SVM) 1.

INTRODUCTION The status of the retinal vasculature is an essential diagnostic aid in the field of ophthalmology. The morphology of the

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Publish Year: 2018

Author: Nabila Eladawi, Nabila Eladawi, Mohammed...

Created Date: 8/11/2018 10:42:09 AM

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How is optical coherence tomography used in retinal disease?

How is OCT angiography being used to diabetic retinopathy?

Optical Coherence Tomography

An imaging test for eye conditions that require check up in cross se manner.

Type: Imaging

Duration: Usually 40-60 mins

Results available: Almost immediate

Is Invasive: Noninvasive

Conditions it may diagnose

Macular Degeneration

Very common

A vision impairment resulting from deterioration of the central part of ...

Read more

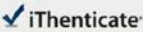
Preparation

- Pupil dilation is done for clear results. This requires an adult accompaniment for convenience

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FAQ



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Name of Journal: *World Journal of Clinical Cases*

Manuscript NO: 65848

Manuscript Type: ORIGINAL ARTICLE

Retrospective Study

Quantitative analysis of early diabetic retinopathy based on optical coherence tomography angiography biological image

Li B *et al.* analysis of early diabetic retinopathy

Yan Shi, Peng-Yao Lin, Yi-Meng Ruan, Cheng-Fei Lin, Shan-Shan Hua, Bo Li

Received: April 8, 2021

Revised: July 3, 2021

Accepted:

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Quantitative analysis of early diabetic retinopathy based on optical



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How is optical coherence tomography used in retinal disease? ▾

How is OCT angiography being used to diabetic retinopathy? ▾

What can optical coherence tomography angiography do for You? ▾

Feedback

Optical coherence tomography angiography in diabetic ...

<https://eandv.biomedcentral.com/articles/10.1186/s40662-019-0160-3> ▾

Nov 18, 2019 · **Diabetic retinopathy** (DR) is a leading cause of vision loss in adults. Currently, the standard imaging technique to monitor and prognosticate DR and **diabetic maculopathy** is **dye-based angiography**. With the introduction of **optical coherence tomography angiography** (OCTA), it may serve as a potential rapid, non-invasive imaging modality as an adjunct.

Cited by: 28

Author: Kai Yuan Tey, Kelvin Teo, Anna C. S. Tan,...