Patients were evaluated with respect to best corrected visual acuity using the Snellen chart. The patients had pupil dilation and spectral-domain optical coherence tomography (SD-OCT) (Cirrus™ HD-OCT 4000, Carl Zeiss Meditec, Dublin, CA, USA).

OSA | Visible light optical coherence tomography ... We report herein the first visible light optical coherence tomography angiography (vis-OCTA) for human retinal imaging. ... retaining the major spectral contrast in the blood. We achieved a 100 kHz A-line rate, the fastest acquisition speed...

Balas C.," Review of biomedical optical imaging—a powerful, non-invasive, non-ionizing technology for improving in vivo... than the linear scattering optical methods available today. Moreover, the OCT technology has been extended beyond imaging, and is applied in many additional areas, such as endoscopy, biomaterials analysis, and industrial applications.


Water wavenumber calibration for visible light optical coherence tomography Tingwei Zhang, Aaron M. Kho, and Vivek J. ... Davis, School of Medicine, Department of Ophthalmology and Vision Science, Sacramento, California, United States


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Dual-input convolutional neural network for glaucoma... Background/Aims To evaluate, with spectral-domain optical coherence tomography (SD-OCT), the glaucoma-diagnostic ability... plexiform layer (GCIPL) of 315 normal subjects, 219 patients with early-stage primary open-angle glaucoma (POAG) and...

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