

Automated Assessment of Optic Nerve Head with Spectral Domain Optical Coherence Tomography

Published date: Feb. 1, 2012

Technology description

Summary

In this invention, a fully automated optic nerve head (ONH) assessment system is designed and developed based on spectral domain optical coherence tomography (SDOCT), with the aim to provide essential disc parameters for clinical analysis, early detection and monitoring of the progression for glaucoma and other optic nerve head diseases.

Description

The system can automatically provide subjective and reliable results of ONH evaluation. The input comprises from three dimensional (3D) OCT image taken from SDOCT.

Institution

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