OCT-5000

Optical Coherence Tomography

OCT-5000
Optical Coherence Tomography

Remote data transmission

Remote data transmission system is professional software developed by us, aimed at digital storage and management for ophthalmic imaging examination. In the circumstances, OCT-5000 can implement functions of cloud storage of data and distributed resource sharing , so that doctors can read and analyze cases, and carry out telemedicine, etc..

Product Introduction

The first OCT with fundus color photography
OCT-5000 with fundus color photography with variable retina scanning modes and analysis procedures, which provides direct and reliable analysis reports for auxiliary examinations of retina diseases and glaucoma.

Performance Feature

High- definition and comprehensive
High-definition OCT images with clear color fundus photography present a more accurate details in scanning area.
OCT scanning for macula
Fundus color photography

Fundus disease

Analysis for macula thickness
3D scanning in macula area of 6mm obtains more than 128 OCT images and mass data. And through professional calculated softeware, topographic map of retina thickness is got to analyze quality and quantity directly and precisely for diagnosis of retina diseases.

Analysis for macula lesion followup
Macula lesion follow-up visit analysis software helps doctors to judge progress of disease and effect of therapy, such as followup of age-related macula lesion, cystoid macular edema therapy comparison before and after, etc..

Glaucoma

Comprehensive analysis for optic disc and nerve fibers of the retina
Scanned for optic disc and nerve fiber levels of retina (RNFL), it obtains RNFL images and related specifications of optic disc, such as rim area, cup to disc ratio, etc. and offers reliable quantitative analysis data for glaucoma diagnosis.
Quantitative analysis for optic disc : obtain cup to disc ratio and rim area by scanning for optic disc region
Quantitative analysis for RNFL thickness of two eyes: include TSNIT thickness profile images, RNFL quadrantal diagram and hour images. Compare with normal value database to judge changes of NFL thickness.

CE