



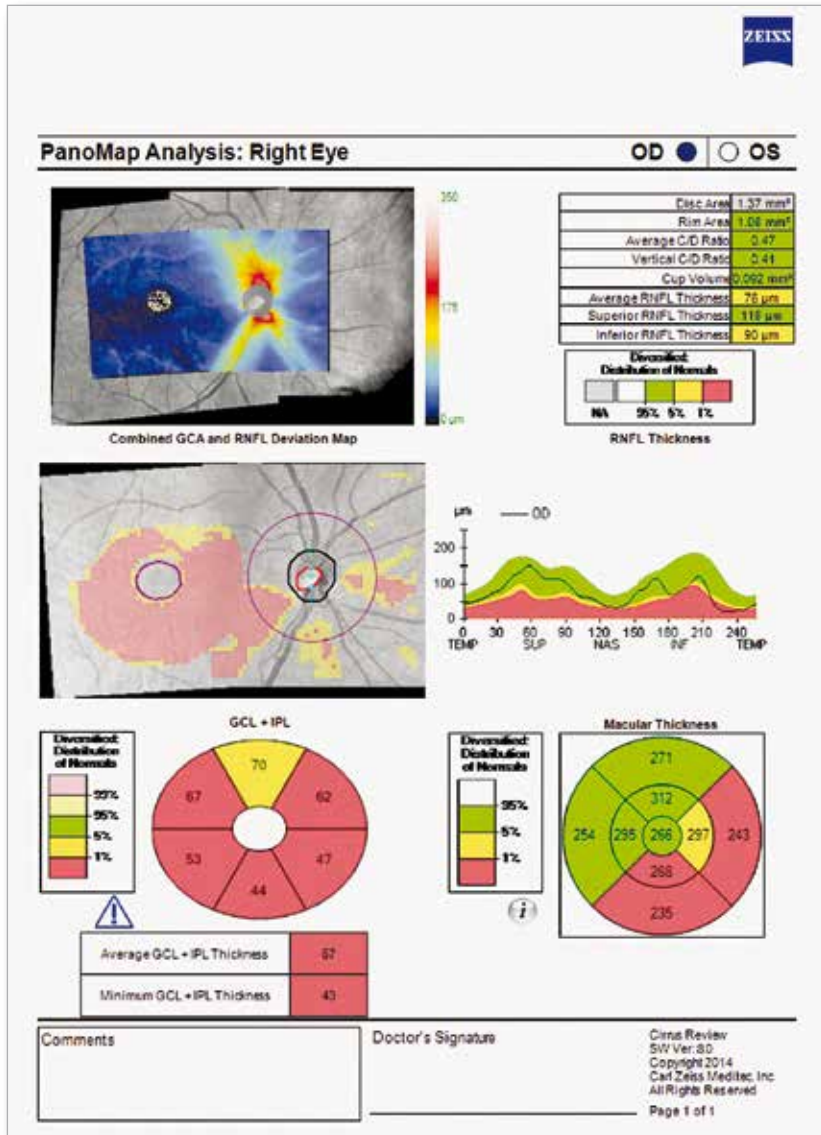
CIRRUS HD-OCT 5000/500 Advancing Smart OCT

NEW
Imaging
Applications:
Anterior Segment
Glaucoma
Retina



NEW PanoMap Analysis

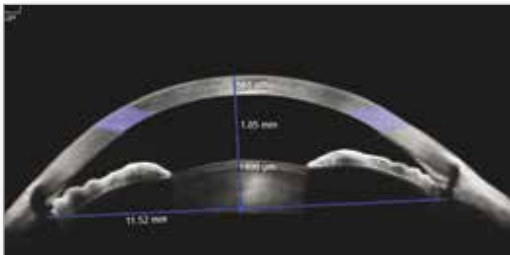
Wide-field structural damage assessment for glaucoma



PanoMap Report with Combined GCA and RNFL Deviation Map

NEW Anterior Segment Premier Module from ZEISS

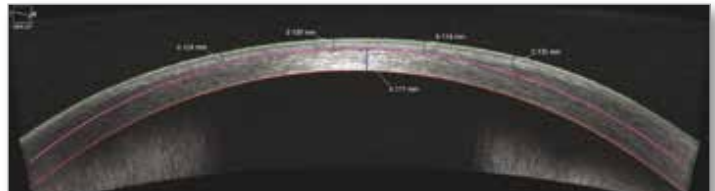
The first retinal OCT with full anterior chamber imaging and measurements



ChamberView™

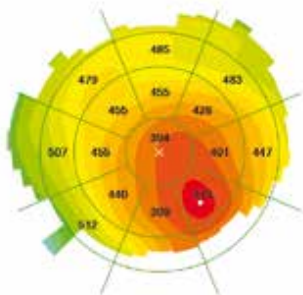
ChamberView image* — ChamberView provides an expansive 15.5 mm wide view of the entire anterior chamber with objective tools for measuring anterior segment ocular structures

*Patent pending



HD Cornea

HD Cornea Scan — 9 mm high-resolution scan, including versatile tools for measuring thickness of residual stromal bed, LASIK flap, and other corneal structures



Pachymetry Map — 9 mm pachymetry map highlights corneal irregularities and identifies thinnest point for refractive surgery screening

NEW OCT Goniometry

A non-contact method to help identify patients at risk of angle closure glaucoma



Wide Angle to Angle Scan

Wide Angle-to-Angle scan and HD Angle Scan — Provide exquisite detail of the iridocorneal angle and include measurement tools for Angle Opening Distance (AOD500/750) and Trabecular Iris Space Area (TISA500/750) to quantify and track degree of angle closure



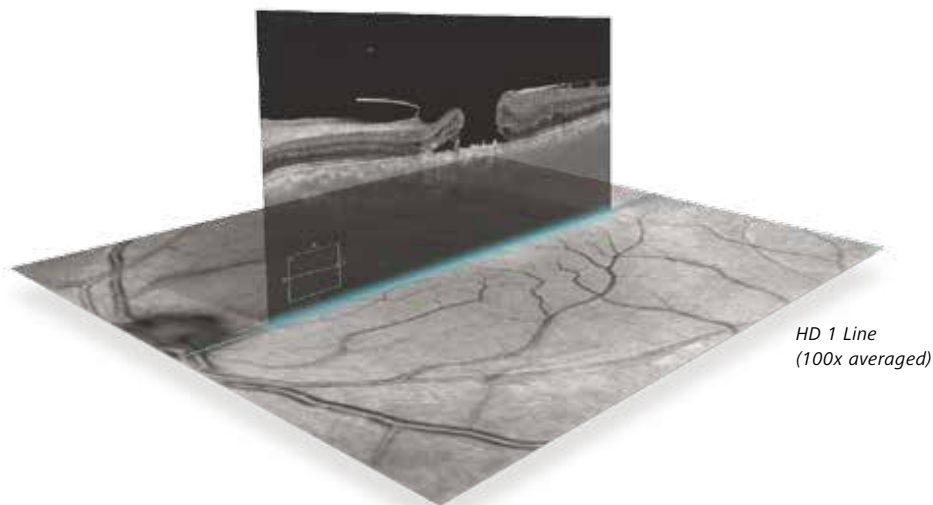
IC Measurements:	Value:
AOD500	0.18 mm
AOD750	0.22 mm
TISA500	0.07 mm
TISA750	0.11 mm
SSA	19.69

HD Angle Scan with Measurement Table

NEW Smart HD Scan Patterns

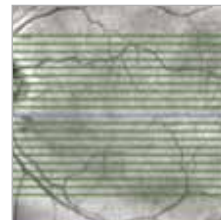
Targeted visualizations of critical anatomy

Automatic centering of scans ensures you see the fovea in each patient.

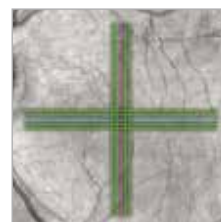


Details matter — Add flexible HD scans to your macular scanning protocol for an efficient visual assessment of macular status

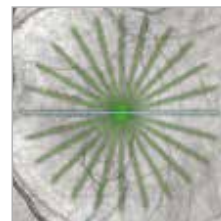
Get it right the first time — Improves clinic flow by helping to eliminate rescans due to missed fovea



HD 21 Line



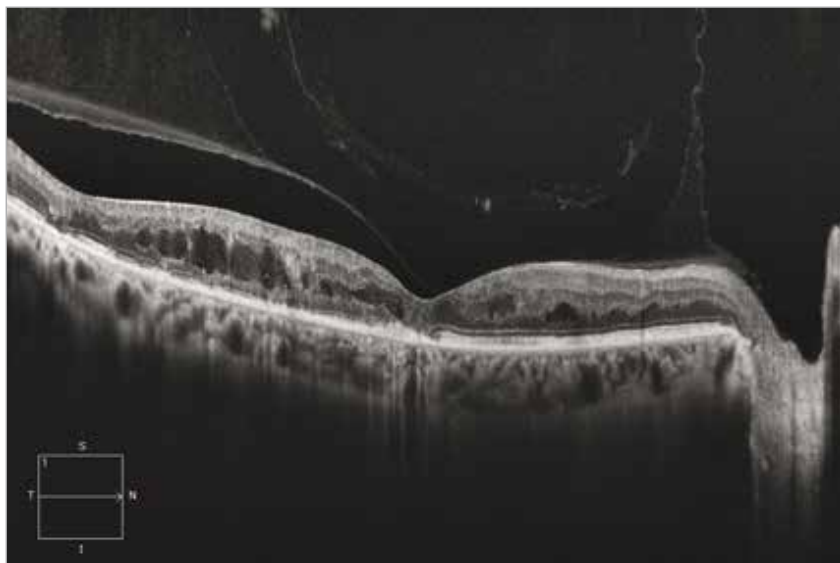
HD Cross



HD Radial

New Smart HD 1 Line scan —

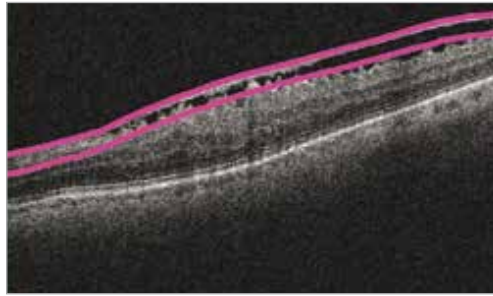
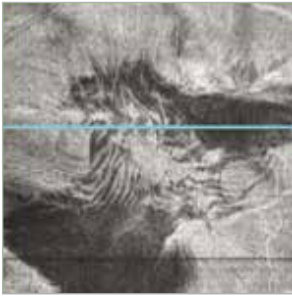
Captures and averages 100 b-scan images with automatic centering at the fovea or region of interest. The result is a brilliant image that simultaneously highlights detail in the vitreous, retina, and choroid.



NEW Layer by Layer En Face Views

Reveal what lies beneath the surface

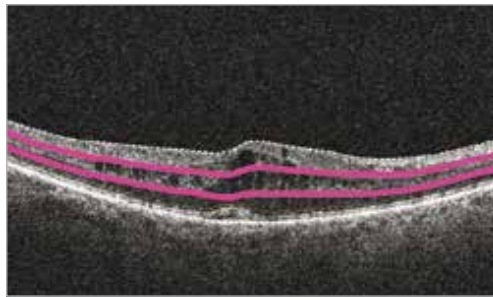
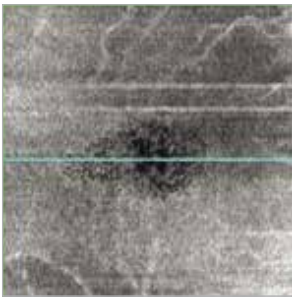
En Face VRI View



VRI en face preset display:

Epiretinal membrane (ERM) example where the dark areas indicate membrane detachment

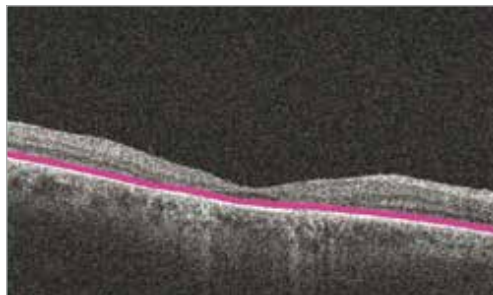
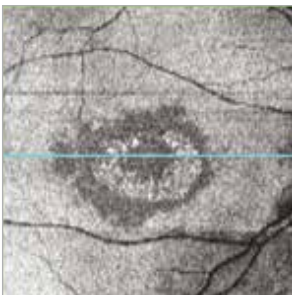
En Face Mid-Retina View



Mid-Retina en face preset display:

Cystoid macular edema (CME) example with the hallmark flower petal pattern

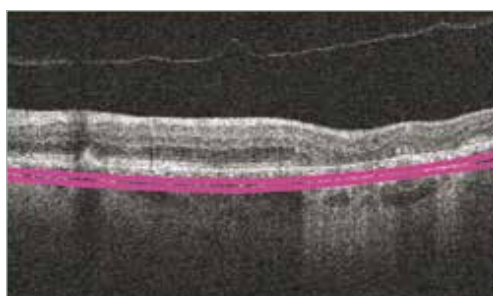
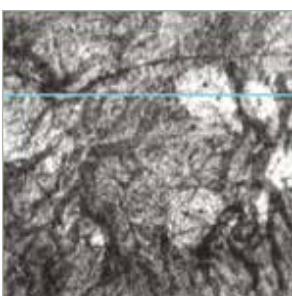
En Face IS/OS-Ellipsoid View



IS/OS-Ellipsoid en face preset

display: Hydroxychloroquine toxicity example with the classic bull's eye maculopathy

En Face Choroid View



Choroid en face preset display:

Geographic Atrophy (GA) example where the bright regions highlight the RPE loss

Technical Data

CIRRUS™ HD-OCT 5000/500

New Software Version 8.0* includes:

En Face Analysis

PanoMap

Optional licensed features:

Smart HD Scans

HD 1 Line 100x	1 Line (100x averaged)
HD 21 Line	21 Lines (4 or 8x averaged)
HD Radial	12 Lines (8x averaged)
HD Cross	10 Lines - 5 horizontal, 5 vertical (8x averaged)

Anterior Segment Premier

Module with External Lens Kit

Measurement Capabilities

ChamberView™	15.5 mm x 5.8 mm (max.)	Anterior Chamber Depth, Angle to Angle Distance, Lens Vault, Chamber Area, Corneal Thickness, Angle and Caliper Tools
Wide Angle to Angle	15.5 mm x 2.9 mm	Angle Opening Distance (AOD500/750), Trabecular Iris Space Area (TISA 500/750), Scleral Spur Angle, Angle and Caliper Tools
HD Cornea	9 mm x 2 mm	Residual Stromal Thickness, Caliper Tool
HD Angle	6 mm x 2.9 mm	Angle Opening Distance (AOD500/750), Trabecular Iris Space Area (TISA 500/750), Scleral Spur Angle, Angle and Caliper Tools
Pachymetry Map	9 mm diameter	Sector Thickness Values, Minimum Thickness

Two interchangeable lenses expand CIRRUS HD-OCT with corneal, anterior chamber, and wide angle to angle imaging



CIRRUS 5000 Hardware/Computer Updates

Operating system/processor	Windows® 7, i7 processor (4th generation)
Memory	16 GB
Hard drive/internal storage	2 TB

*Version 8.0 is compatible with CIRRUS Models HD-OCT 5000 and 500 only. Model 500 available with all listed features except Smart HD Scans. CIRRUS Review Software supported Operating Systems: Windows 8.1, Windows 7, Windows Server 2008 R2

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