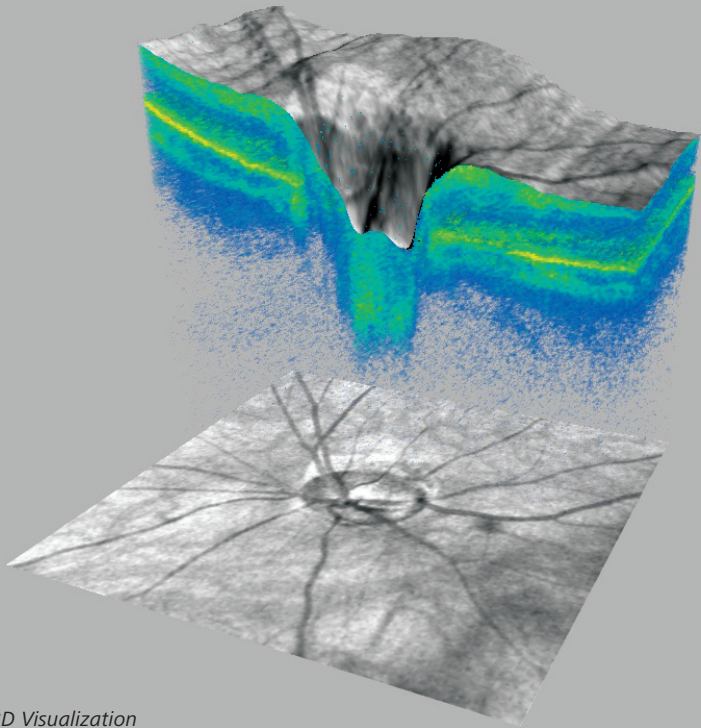
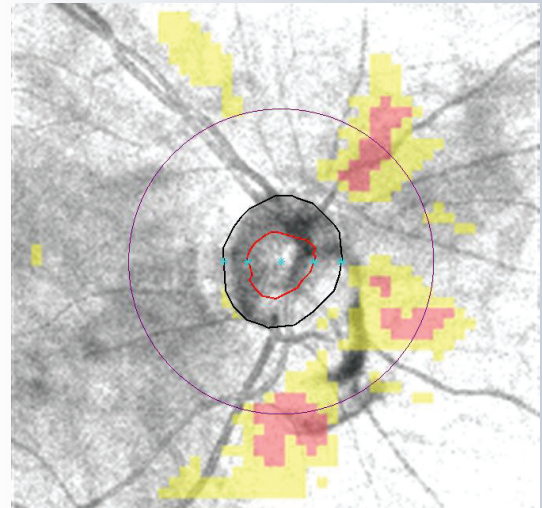


Cirrus HD-OCT Software Version 5*

A new level of clinical certainty



3D Visualization



En face image of optic nerve head shows the boundaries of the cup and disc, and the RNFL thickness deviation from normal map.

Optic Nerve Head Analysis

The new Cirrus™ HD-OCT Optic Nerve Head Analysis software from Carl Zeiss provides automated identification of the optic disc and cup boundaries. The analysis is generated using the existing Optic Disc 200x200 data cube and a new proprietary ZEISS algorithm. This algorithm is designed to precisely measure the neuro-retinal rim, while accounting for tilted discs, disruptions to the RPE and other challenging pathology.

Optic Nerve Head calculations are presented in a combined report with RNFL thickness data. Key parameters are displayed in table format, as seen here (right). In addition, the boundaries of the cup and disc are displayed on the en face image, as shown above, integrated with the RNFL thickness deviation map.

| | OD | OS |
|------------------------|---------------------|---------------------|
| Average RNFL Thickness | 73 μm | 61 μm |
| RNFL Symmetry | 55% | |
| Rim Area | 1.12 mm^2 | 0.70 mm^2 |
| Disc Area | 1.58 mm^2 | 1.68 mm^2 |
| Average C/D Ratio | 0.53 | 0.75 |
| Vertical C/D Ratio | 0.49 | 0.75 |
| Cup Volume | 0.036 mm^3 | 0.201 mm^3 |

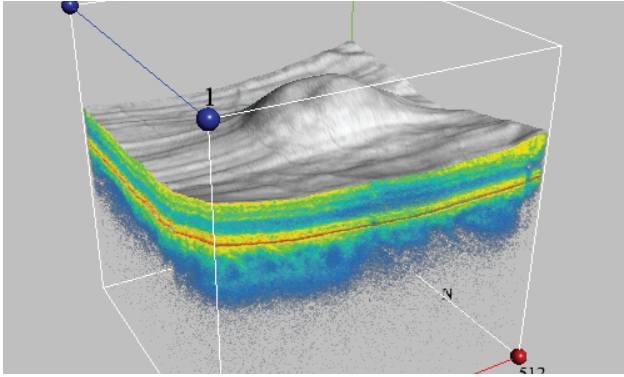
Data derived from the Optic Disc 200x200 scan of both eyes are summarized in this table.

*Version 5.0 is available for Cirrus HD-OCT Model 4000 only.

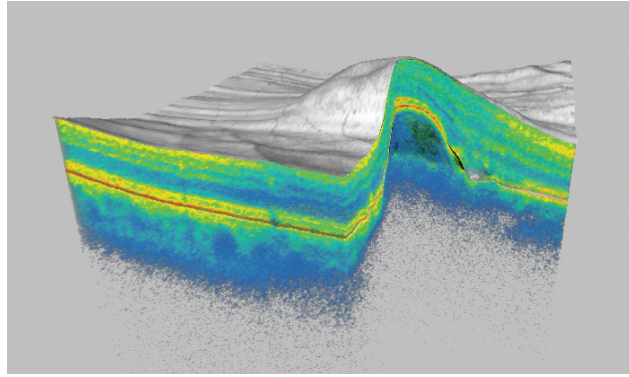


Improved 3D visualization

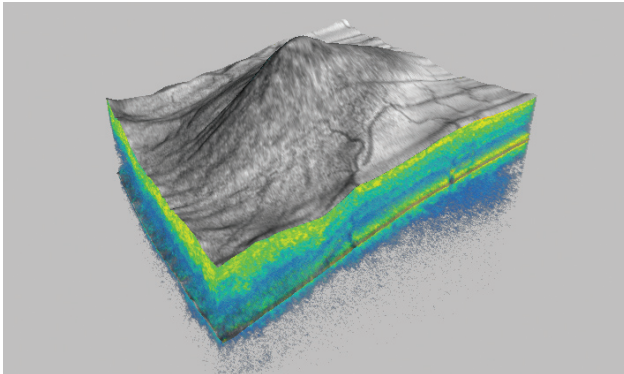
The 3D visualization has been enhanced in terms of image quality and functionality. These beautiful images can be especially useful for patient education and case presentations.



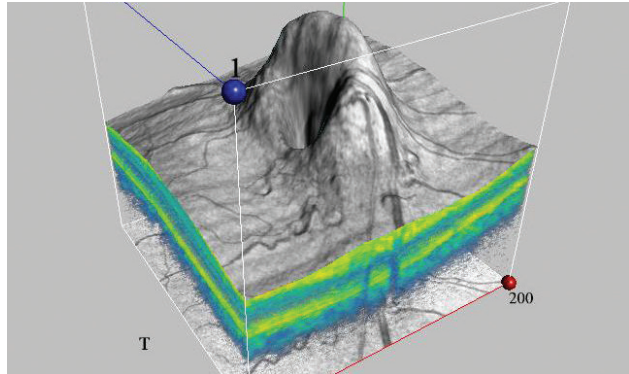
Pigment epithelial detachment (3D cube)



Pigment epithelial detachment (Clip Plane on X and Y)



Diabetic macular edema



Optic disc edema

CIR2649
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Carl Zeiss Meditec, Inc.
5160 Hacienda Drive
Dublin, CA 94568
USA

Phone: 1 800 342 9821
Fax: 1 925 557 4101
info@meditec.zeiss.com
www.meditec.zeiss.com/us

Carl Zeiss Meditec AG
Goeschwiter Str. 51-52
07745 Jena
Germany

Telefon: +49 36 41 22 03 33
Telefax: +49 36 41 22 01 12
info@meditec.zeiss.com
www.meditec.zeiss.com