

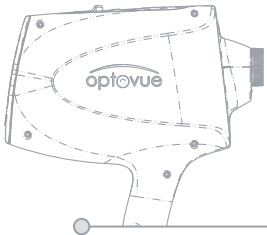


Simple.  
Portable.  
Powerful.

# iVue<sup>®</sup> SD-OCT



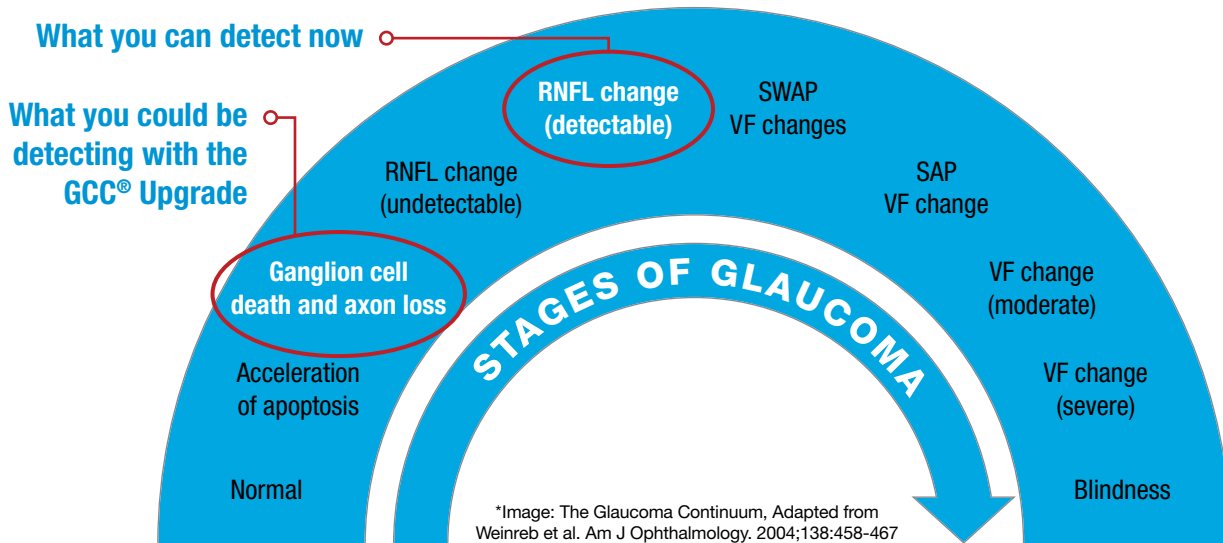
Bring the power of iVue SD-OCT to your practice.



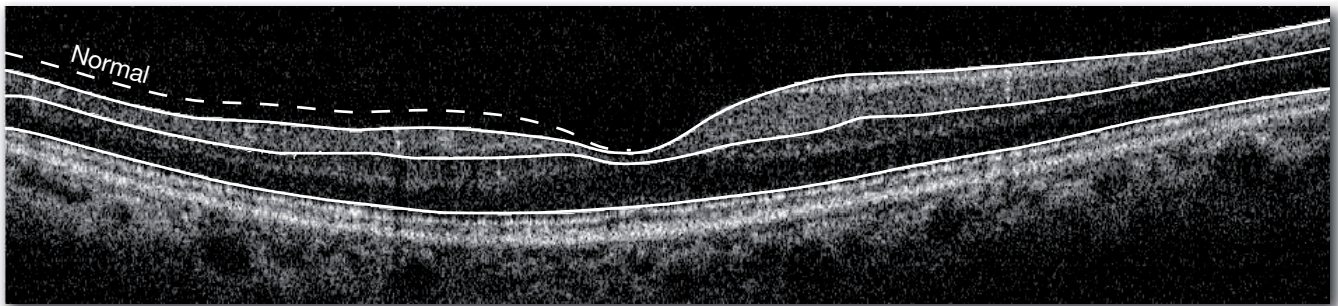
# Ganglion Cell Complex (GCC®) Upgrade

for early glaucoma management

The power of the GCC Upgrade can identify ganglion cell loss which may be an early indication of glaucoma. GCC loss precedes RNFL loss based on The Glaucoma Continuum.\*



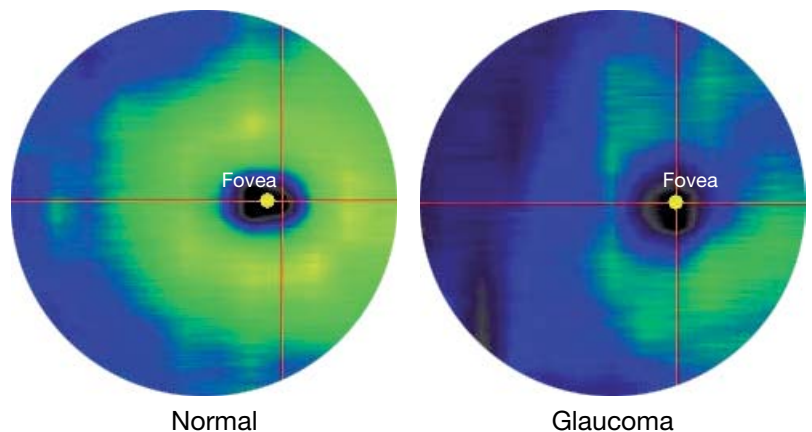
## Ganglion Cell Complex Thinning in Glaucoma



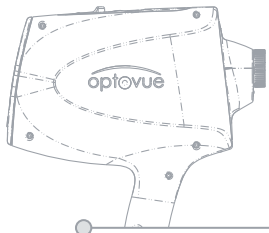
Glaucoma patient with thinner GCC

## GCC® Thickness Mapping

Fixation for the GCC map shifts the scan pattern to increase sensitivity to structural changes that correlate to a nasal step defect.



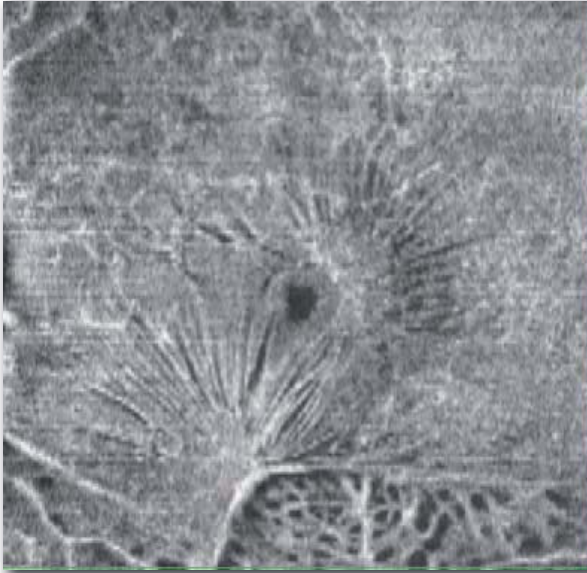
In addition to Glaucoma, the GCC Scan also helps to identify retinal and neurological disorders.



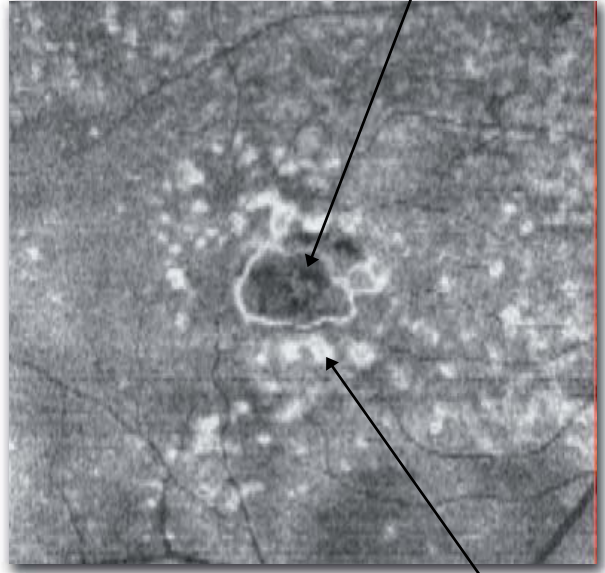
## 3D/En Face Analysis Upgrade

for early retina diagnostics

Epiretinal Membrane from En Face Analysis

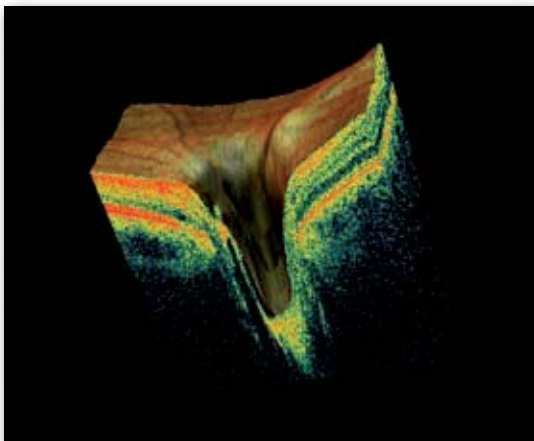


Pigment Epithelial Detachment

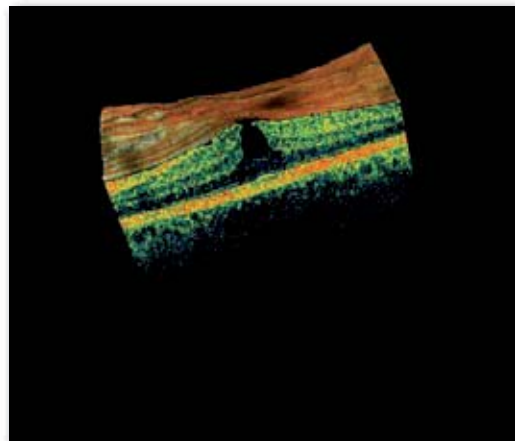


Drusen

- Virtual dissection of the retina and optic disc
- 512 X 128 dense cube with 67 million data points
- Unveil epiretinal membranes, microaneurysms, hard exudates, choroidal neovascular membranes, and more



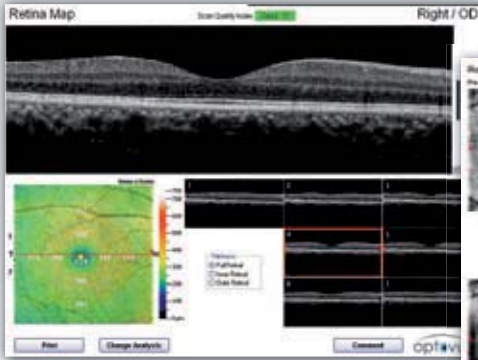
3D Optic Disc



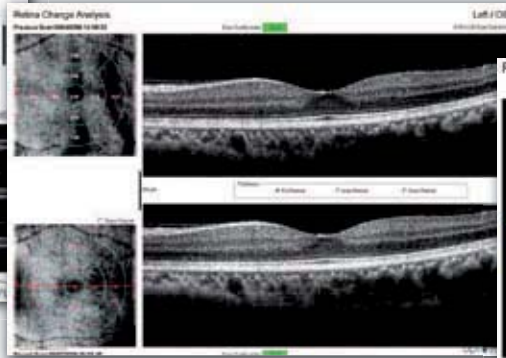
Macular Hole from 3D Macula Scan

Enhanced 3D evaluation to detect micro pathology earlier.

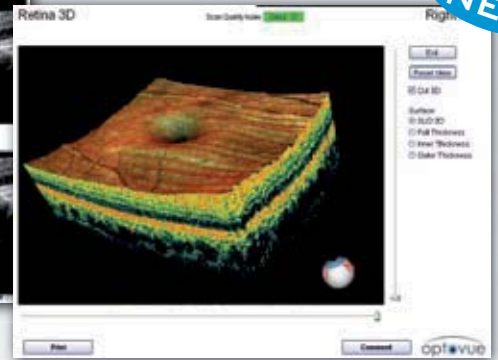
# RETINA



**Retina Mapping**  
 6 x 6mm Retinal Thickness map  
 7 Line Hi-res Raster  
 250 micron separation



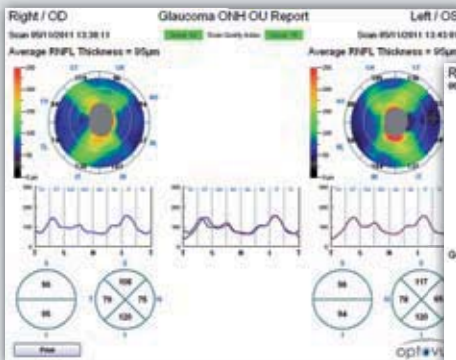
**Retina Change Analysis**



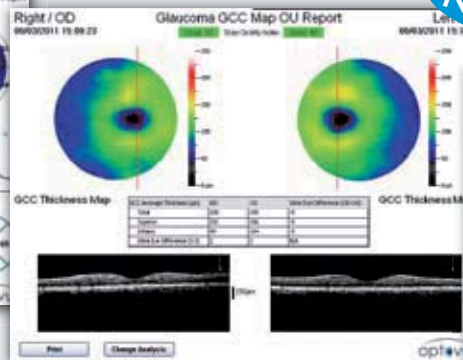
**NEW**

**3D Macula** - Upgrade Now Available  
 512 x 128 Cube

# GLAUCOMA

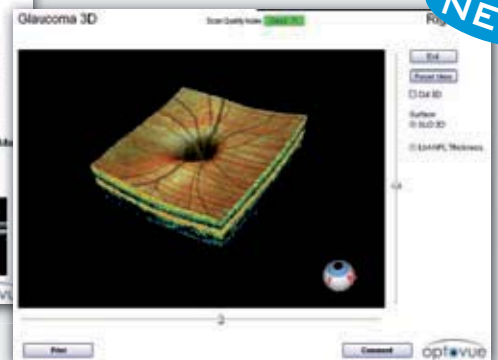


**OU/Symmetry**  
 RNFL Mapping with  
 Change & Symmetry Analysis



**NEW**

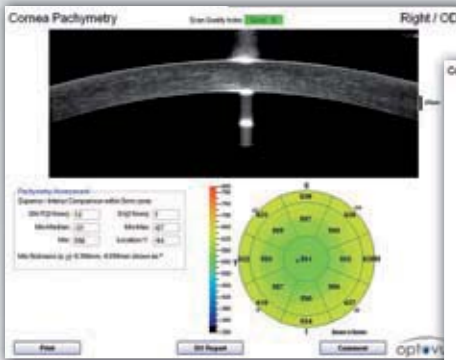
**Ganglion Cell Complex Mapping**  
 - Upgrade Now Available



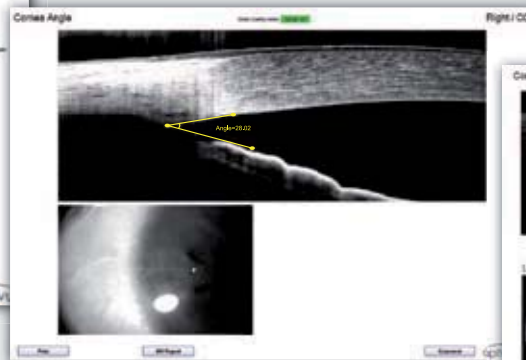
**NEW**

**3D Optic Disc** - Upgrade Now Available  
 512 x 128 Cube

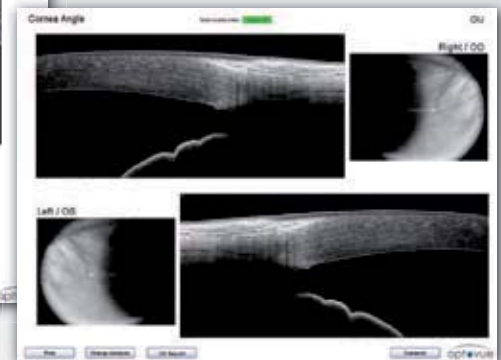
# CORNEA/ANTERIOR SEGMENT



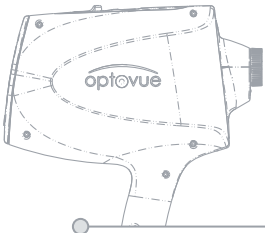
**Pachymetry Mapping**  
 Full 6mm diameter Corneal Thickness Map  
 Cornea B-scan slice



**Angle with FDA Cleared  
 Measurement**

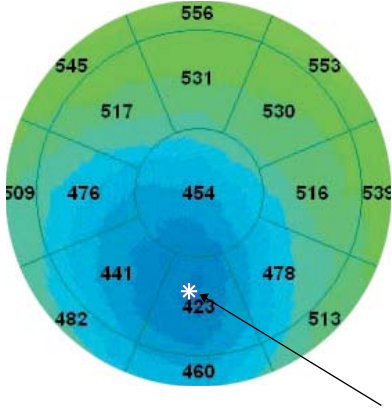


**OU Angle**

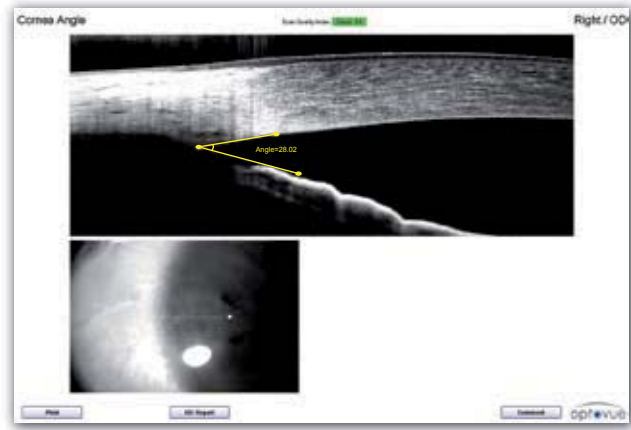


# Cornea/Anterior Segment Features

for non-contact Anterior Segment Assessment

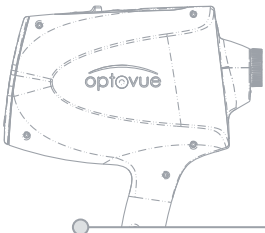
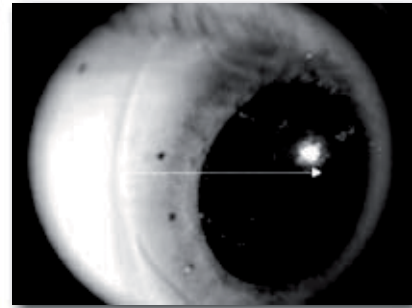
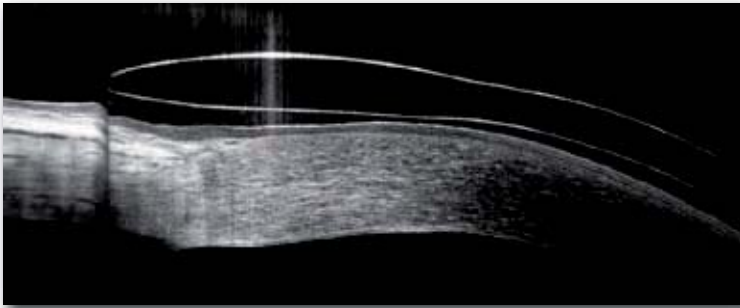


Pachymetry - Full 6mm diameter corneal thickness mapping with minimum thickness indicator (example of Keratoconus)



Angle Visualization with FDA Cleared Measurement

## Contact Lens Fitting



# iVue Versatility

expand your OCT World



Optional iStand for universal iVue positioning such as supine scanning



Optional Rolling Case 26" x 18" x 17" @ 24 lbs.





The next wave of the revolution **is here**



The first Spectral-Domain OCT for every clinical practice. The iVue SD-OCT is the next phase in advanced OCT product design and the first true WorldOCT™.

With the complete offering of retina, glaucoma and anterior segment scanning as standard, iVue is the perfect advanced, yet easy-to-use OCT for clinical practices. The streamlined user interface, small foot print, and familiar slit lamp style delivery design all contribute to fast and efficient clinical use and patient throughput.

**Specifications:**

**iVue Scanner:**

- OCT Image: 26,000 A-scan/second
- Frame Rate: 256 to 1024 A-scan/Frame
- Depth Resolution (in tissue) : 5.0 μm
- Transverse Resolution: 15μm (retina)

**Scan Range:**

- Depth: 2 - 2.3mm (retina)

**Scan Beam Wavelength:**

- $\lambda=840 \pm 10\text{nm}$

**Exposure Power at pupil:**

- 750μW

**OCT Fundus Image (En Face):**

- FOV: 21°(H) x 21°(V)
- Minimum Pupil diameter: 2.5mm

**External Image (Live IR)**

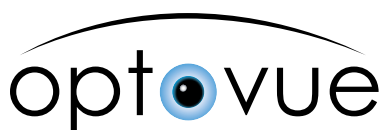
- FOV: 13mm x 9mm

**Patient Interface:**

- Working Distance: 22mm / 15mm
- Motorized Focus Range: -15D to +12D

**Computer:**

- Laptop PC
- Intel Core i5 Processor
- 15.6" Screen
- RAM: 4GB



DEFINING THE OCT REVOLUTION