

optovue
DEFINING THE OCT REVOLUTION

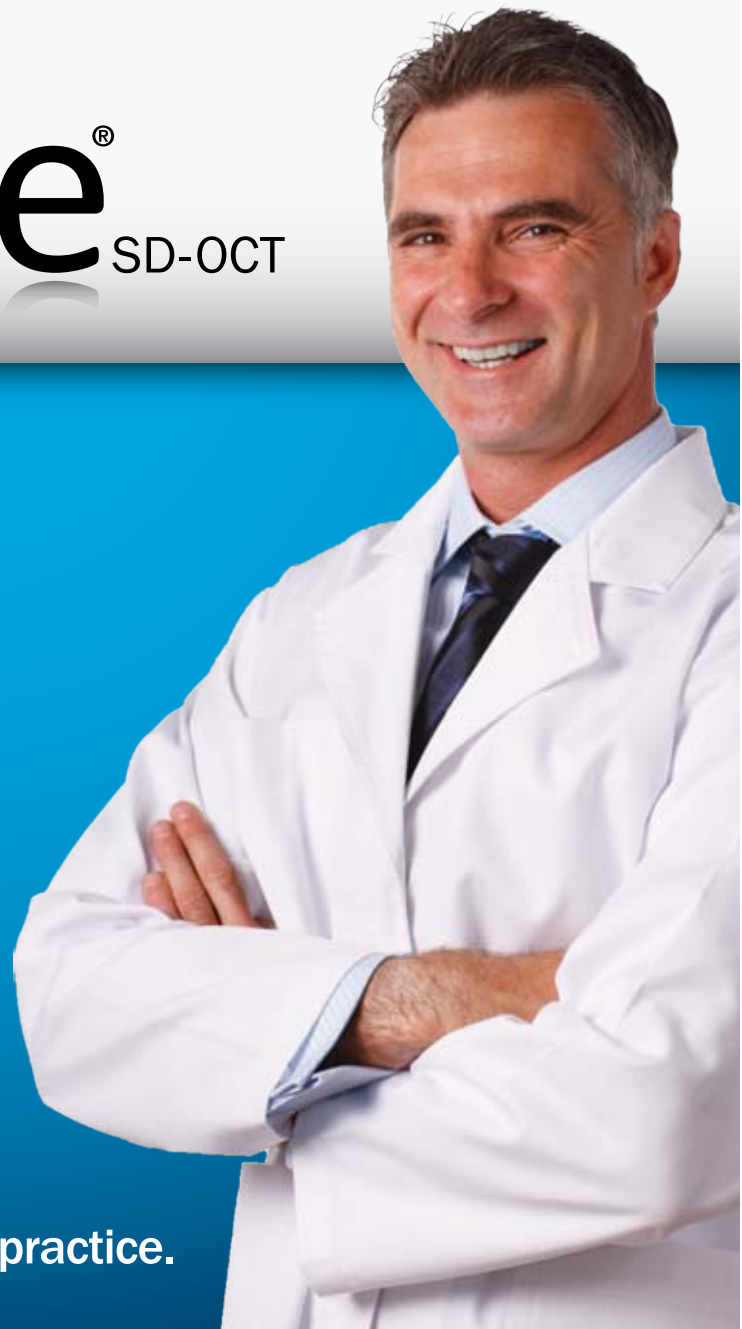


Simple.

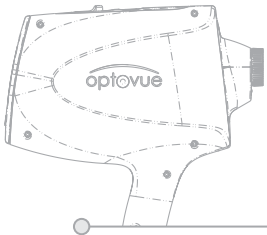
Portable.

Powerful.

iVue[®] SD-OCT



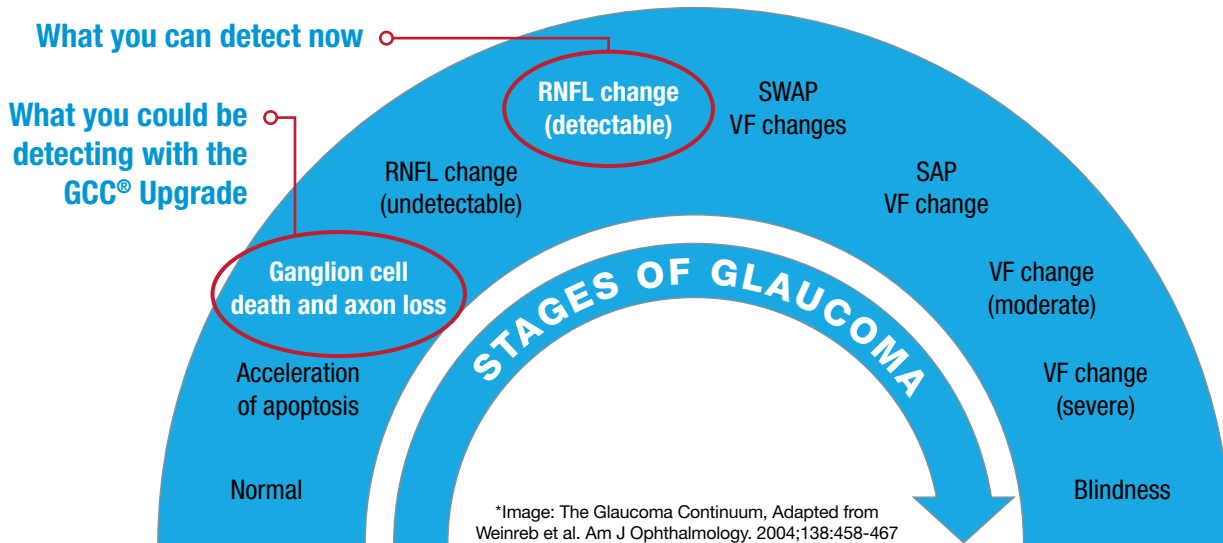
Bring the power of iVue SD-OCT to your practice.



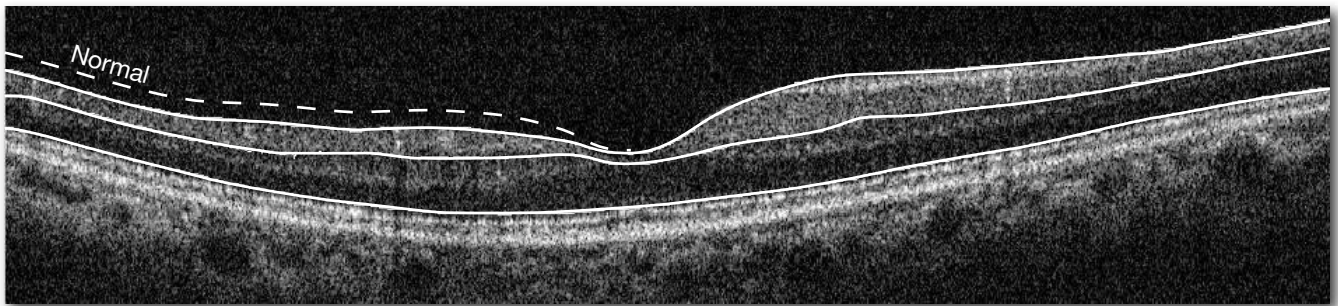
Ganglion Cell Complex (GCC®) Upgrade

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.*



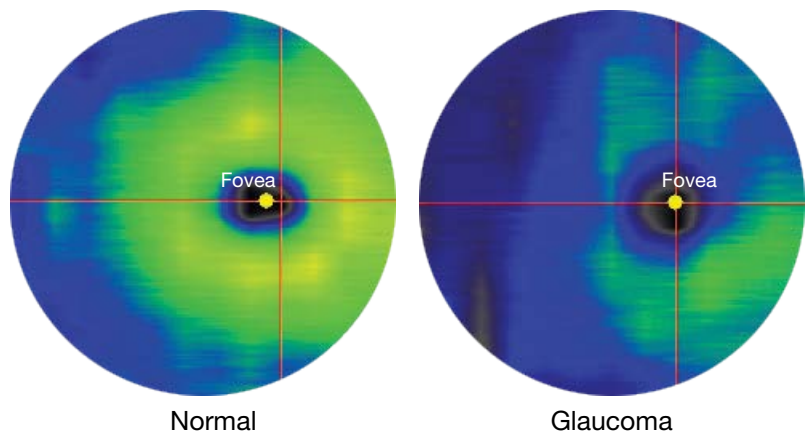
Ganglion Cell Complex Thinning in Glaucoma



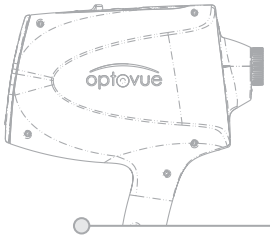
Glaucoma patient with thinner GCC

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.



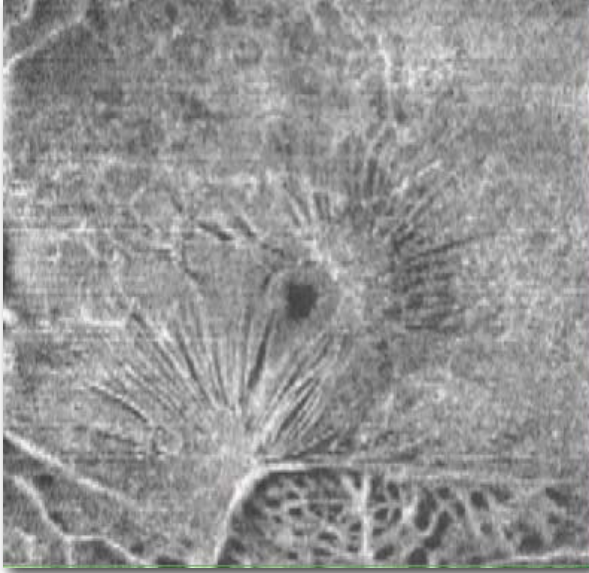
In addition to Glaucoma, the GCC Scan also helps to identify retinal and neurological disorders.



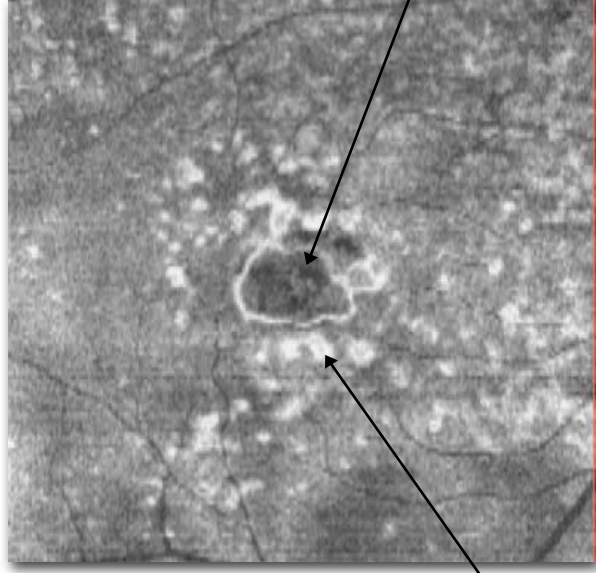
3D/En Face Analysis Upgrade

for early retina diagnostics

Epiretinal Membrane from En Face Analysis

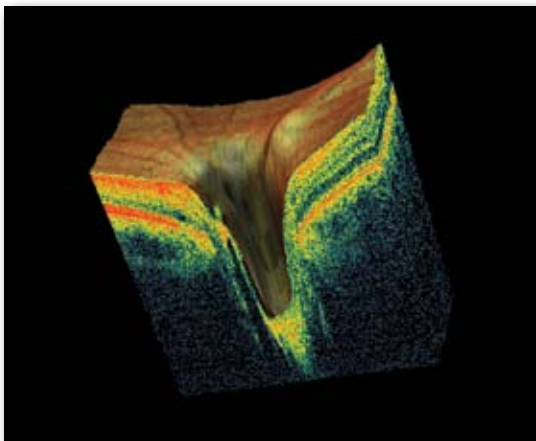


Pigment Epithelial Detachment

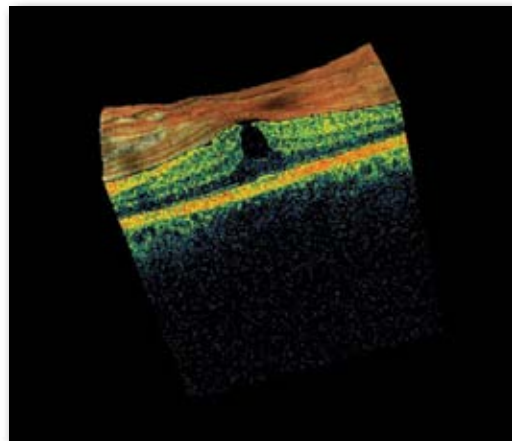


Drusen

- 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



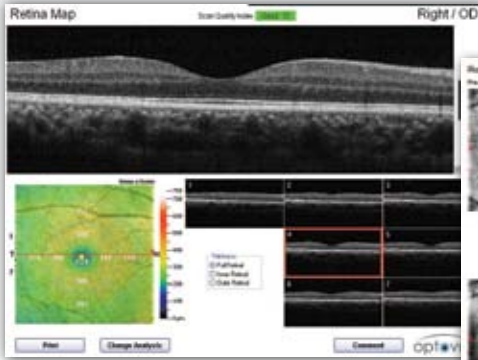
3D Optic Disc



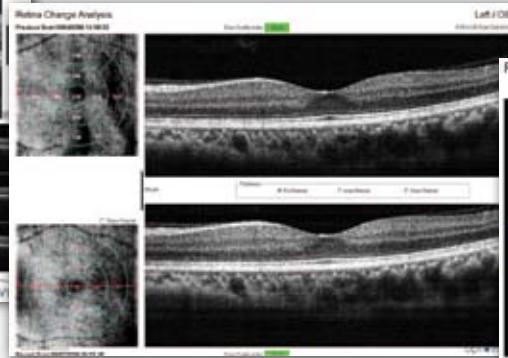
Macular Hole from 3D Macula Scan

Enhanced 3D evaluation to detect micro pathology earlier.

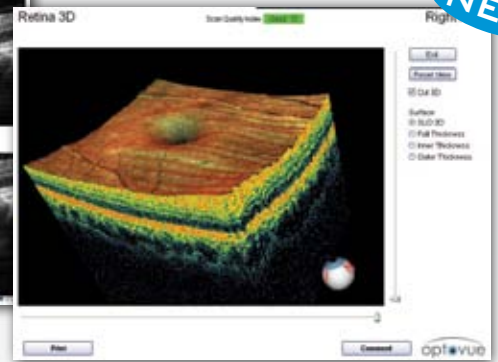
RETINA



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



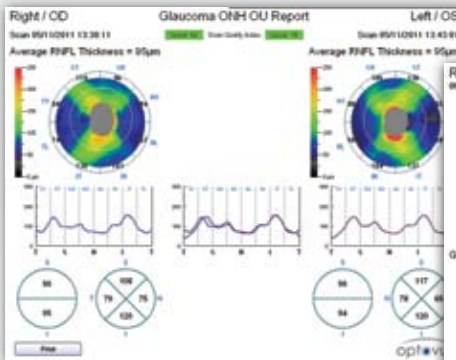
Retina Change Analysis



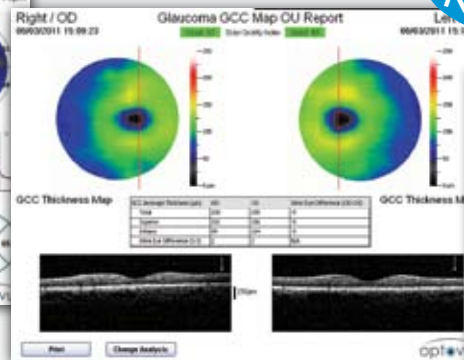
NEW

3D Macula - Upgrade Now Available
 512 x 128 Cube

GLAUCOMA

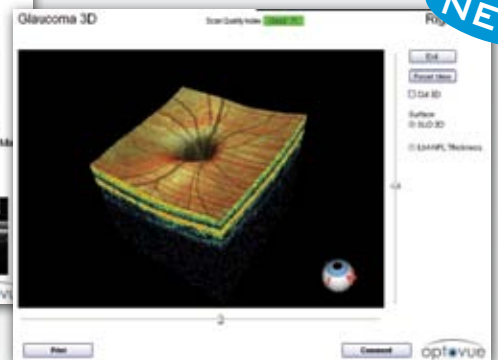


OU/Symmetry
 RNFL Mapping with
 Change & Symmetry Analysis



NEW

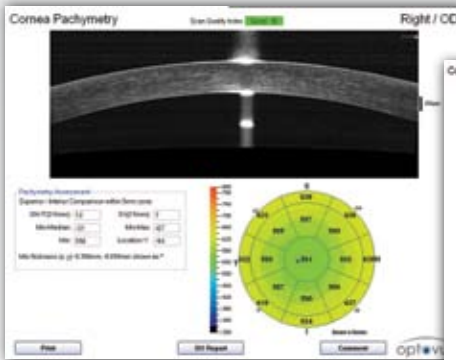
Ganglion Cell Complex Mapping
 - Upgrade Now Available



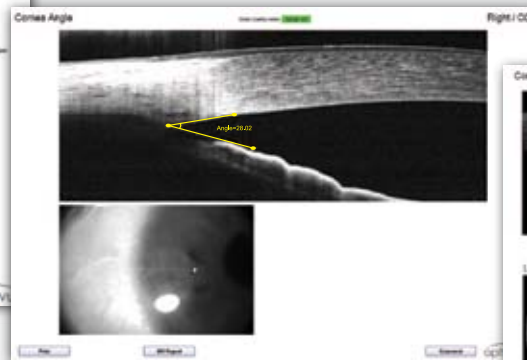
NEW

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

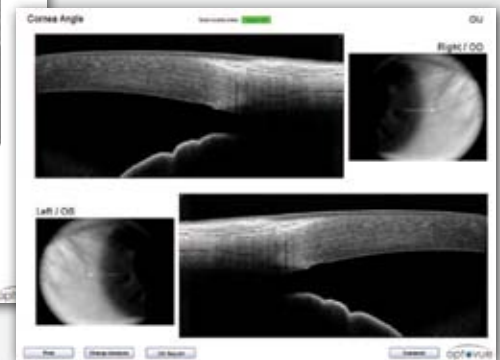
CORNEA/ANTERIOR SEGMENT



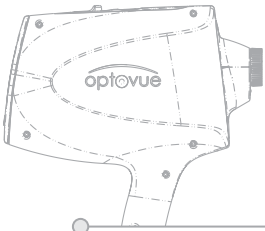
Pachymetry Mapping
 Full 6mm diameter Corneal Thickness Map
 Cornea B-scan slice



**Angle with FDA Cleared
 Measurement**

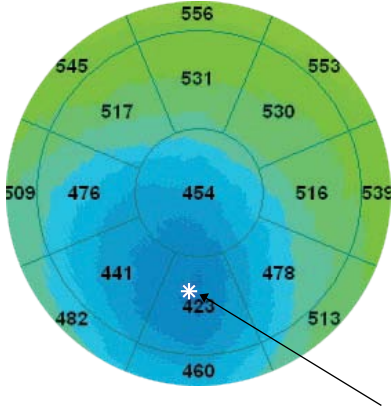


OU Angle

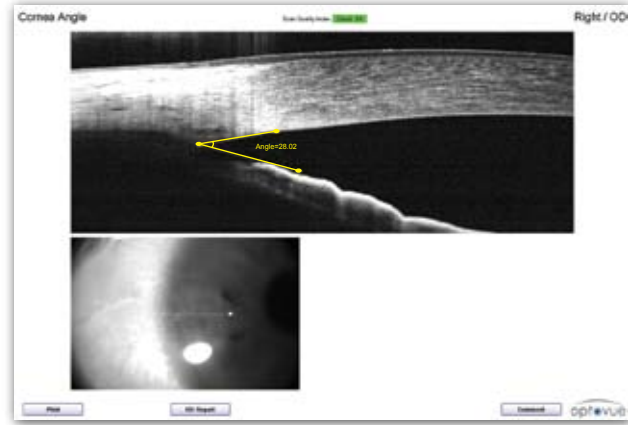


Cornea/Anterior Segment Features

for non-contact Anterior Segment Assessment

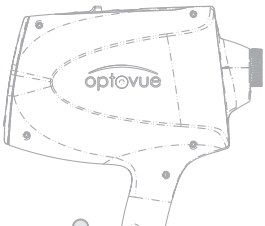
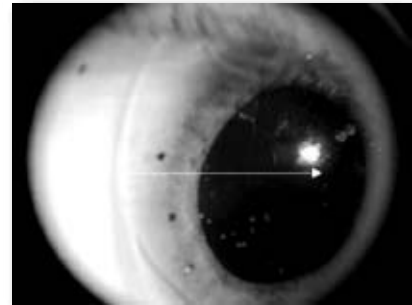
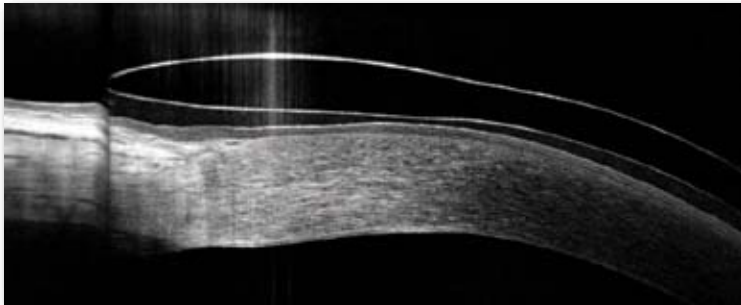


Pachymetry - Full 6mm diameter corneal thickness mapping with minimum thickness indicator (example of Keratoconus)



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: 15 μm (retina)

Scan Range:

Depth: 2 - 2.3mm (retina)

Scan Beam Wavelength:

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

Exposure Power at pupil:

750 μW

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

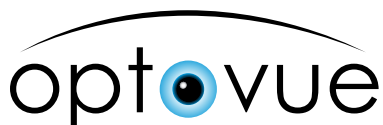
Computer:

Laptop PC

Intel Core i5 Processor

15.6" Screen

RAM: 4GB



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