

iVue[®] SD-OCT

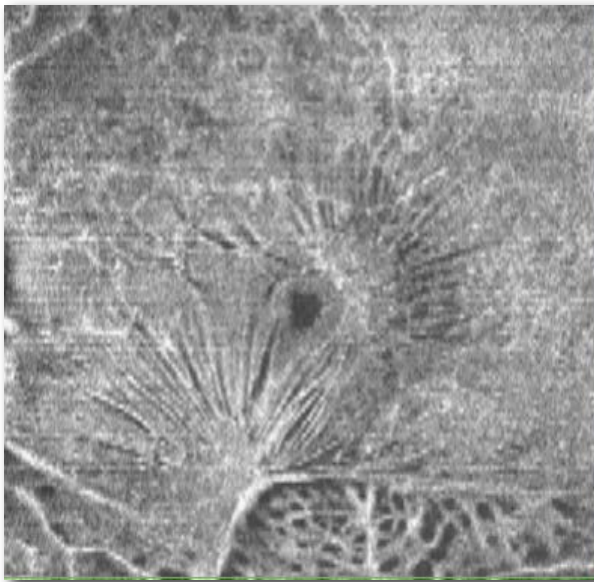


Simple • Portable • Powerful

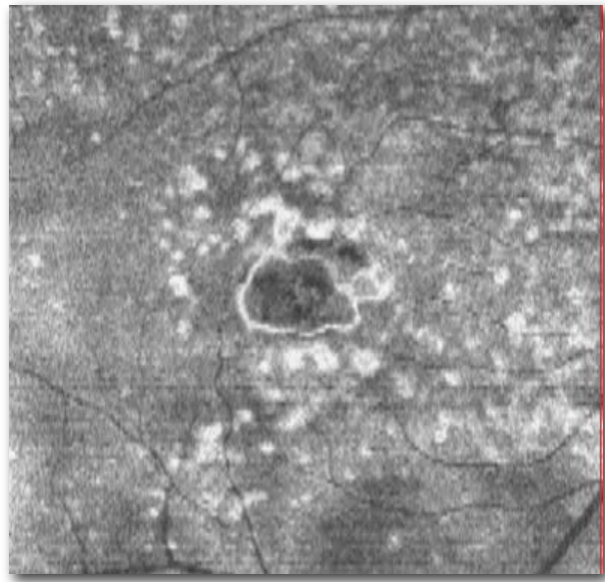
3D/En Face Analysis Upgrade

Features

- Virtual dissection of the retina and optic disc
- 512 X 128 dense cube with 67 million data points
- High density 3D volume for visualization and analysis of patient condition

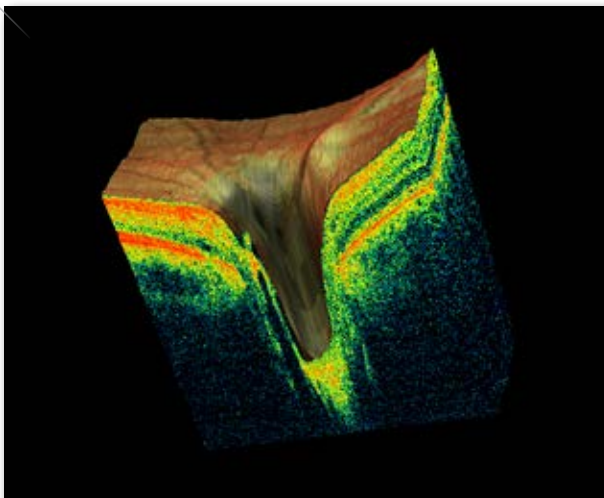


En face view of Inner Limiting Membrane

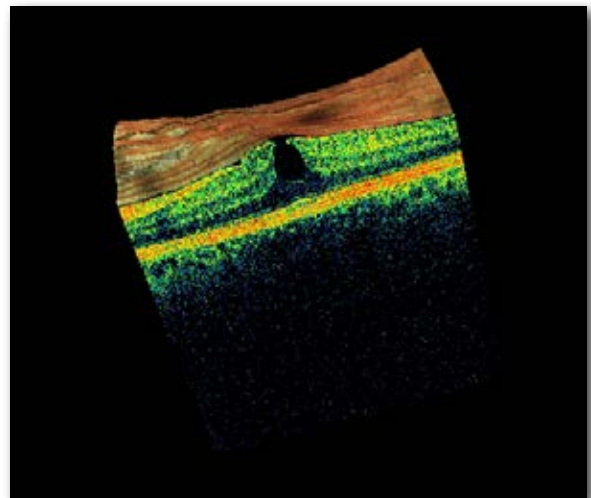


En face view of Retinal Pigment Epithelium

Enhanced 3D for volumetric visual assessment

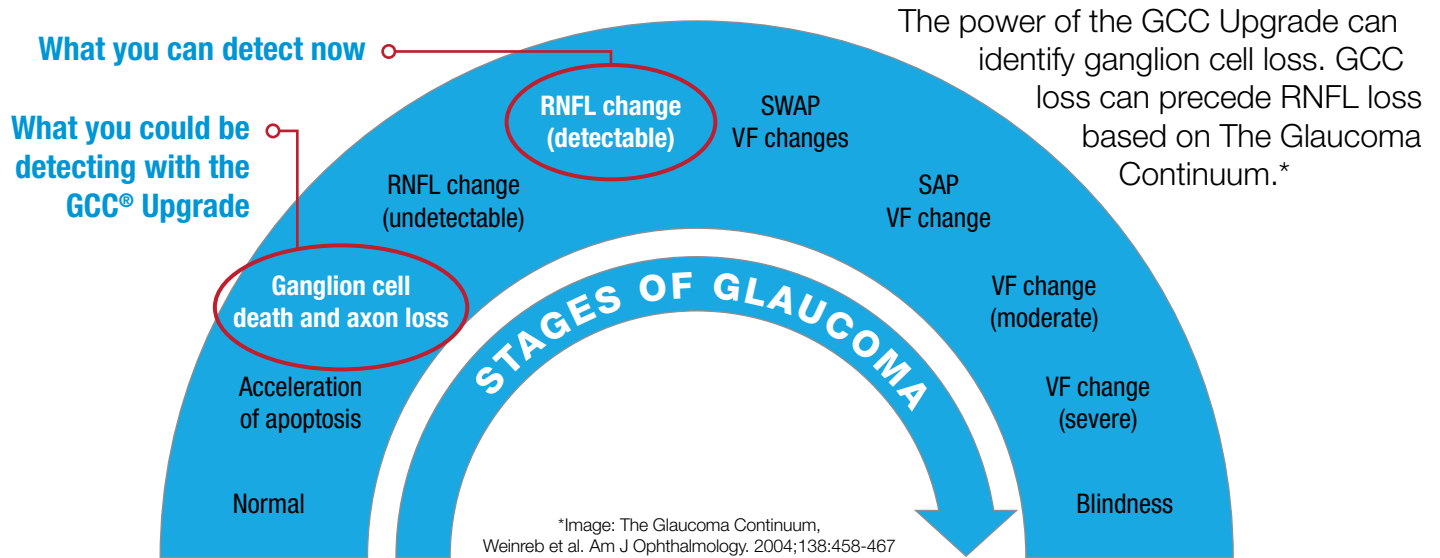


3D Optic Disc

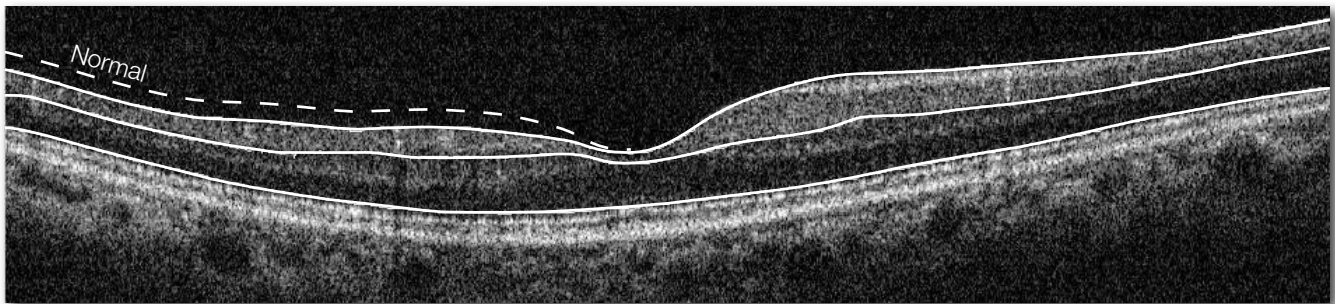


3D Macula Scan

Ganglion Cell Complex (GCC®) Upgrade



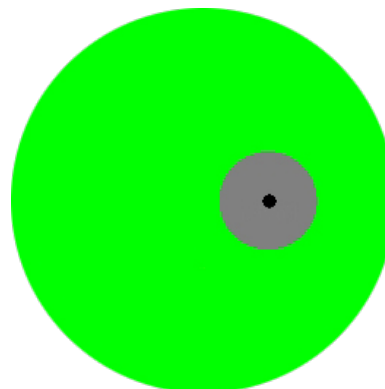
Ganglion Cell Complex Thinning



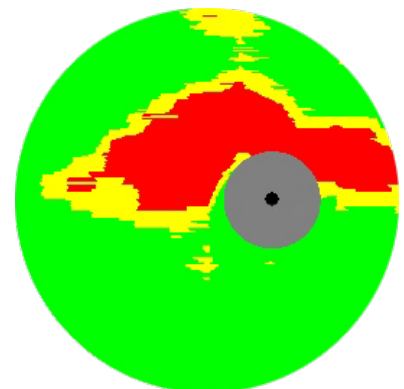
GCC® Thickness Mapping

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

GCC structure changes may be associated with glaucoma, retina or neurological diseases.

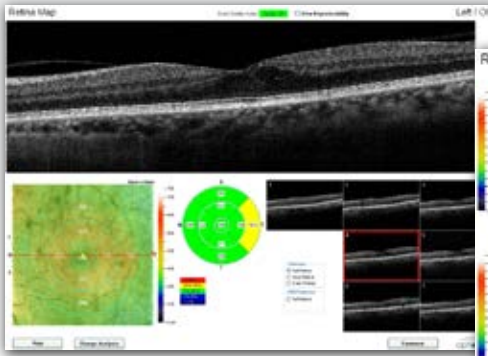


No Apparent GCC Loss

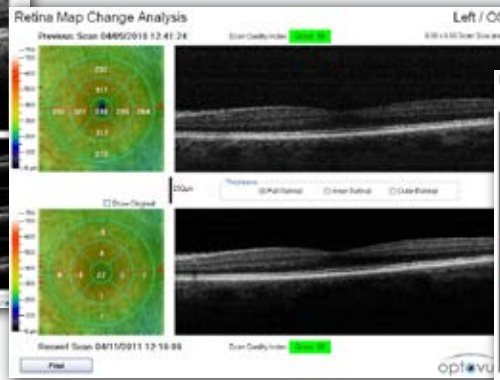


Measurable GCC Loss

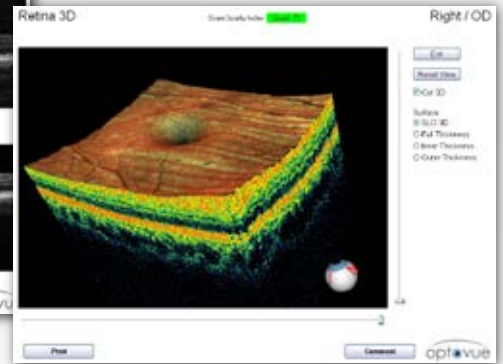
RETINA



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

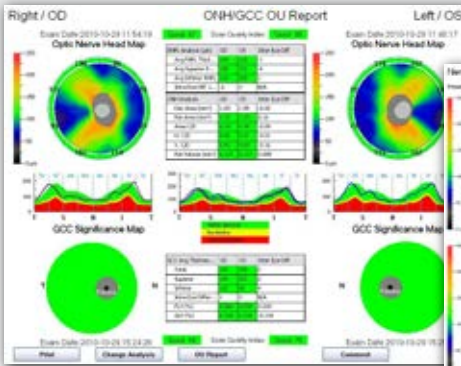


Retina Change Analysis

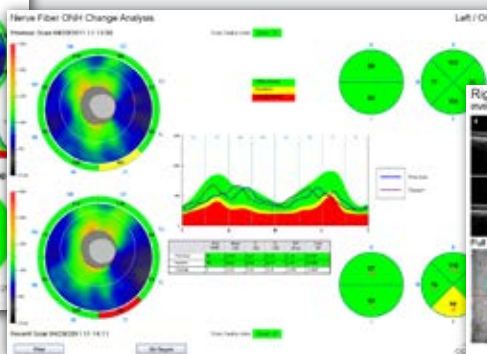


3D Macula - Upgrade Available
 512 x 128 Cube

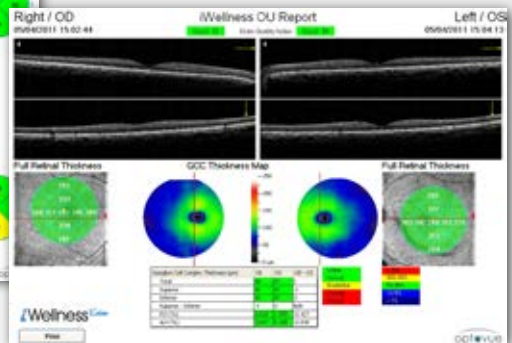
OPTIC DISC, RNFL & GCC® ASSESSMENT



Optic Nerve Head & Ganglion Cell Combination OU Report
 RNFL, Optic Disc Metrics & GCC with Normative Comparison

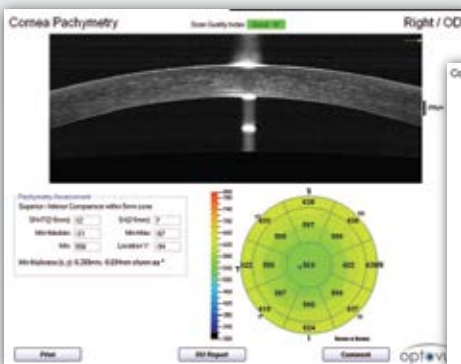


Change Analysis
 RNFL & Optic Disc Metric Change Report with Normative Comparison

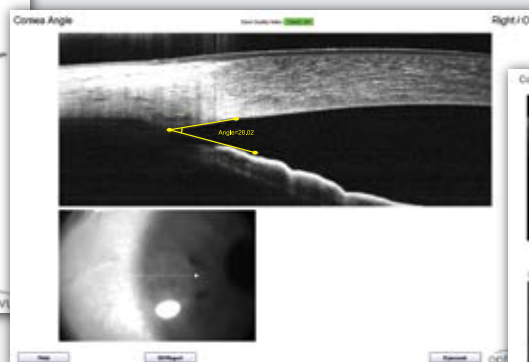


iWellness OU Report - Upgrade Available
 Proprietary wellness scan

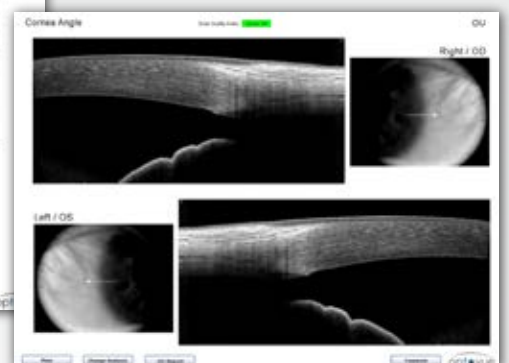
CORNEA/ANTERIOR SEGMENT



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



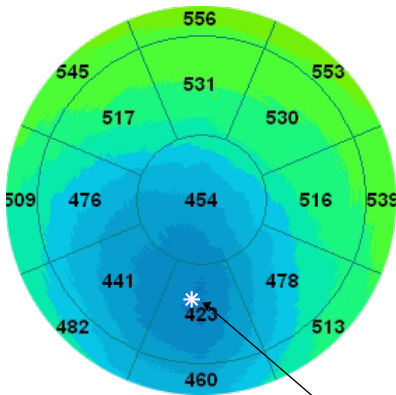
Angle Measurement



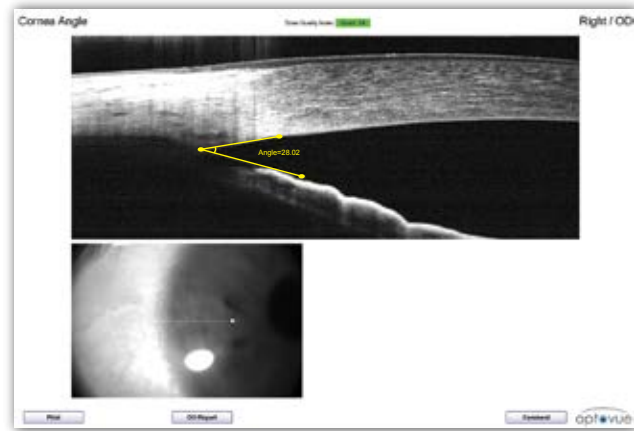
OU Angle

Cornea / Anterior Segment Features

for non-contact Anterior Segment Assessment

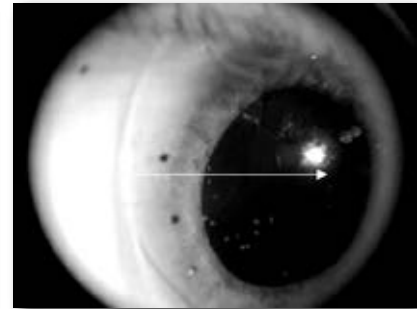
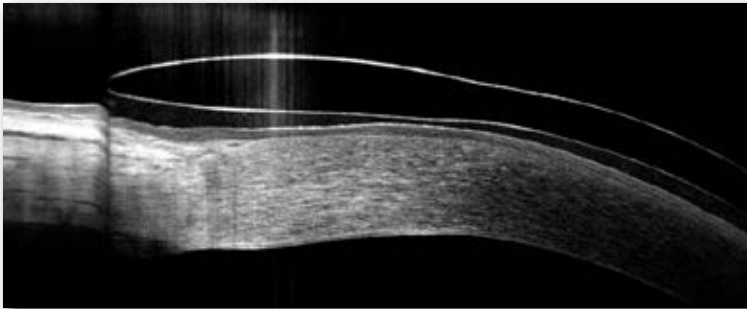


Pachymetry - Full 6mm diameter corneal thickness mapping with minimum thickness indicator



Angle Visualization and Measurement

Contact Lens



iVue Versatility

expand your OCT World



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



Optional iStand
for universal iVue positioning
such as supine scanning

iVue®

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

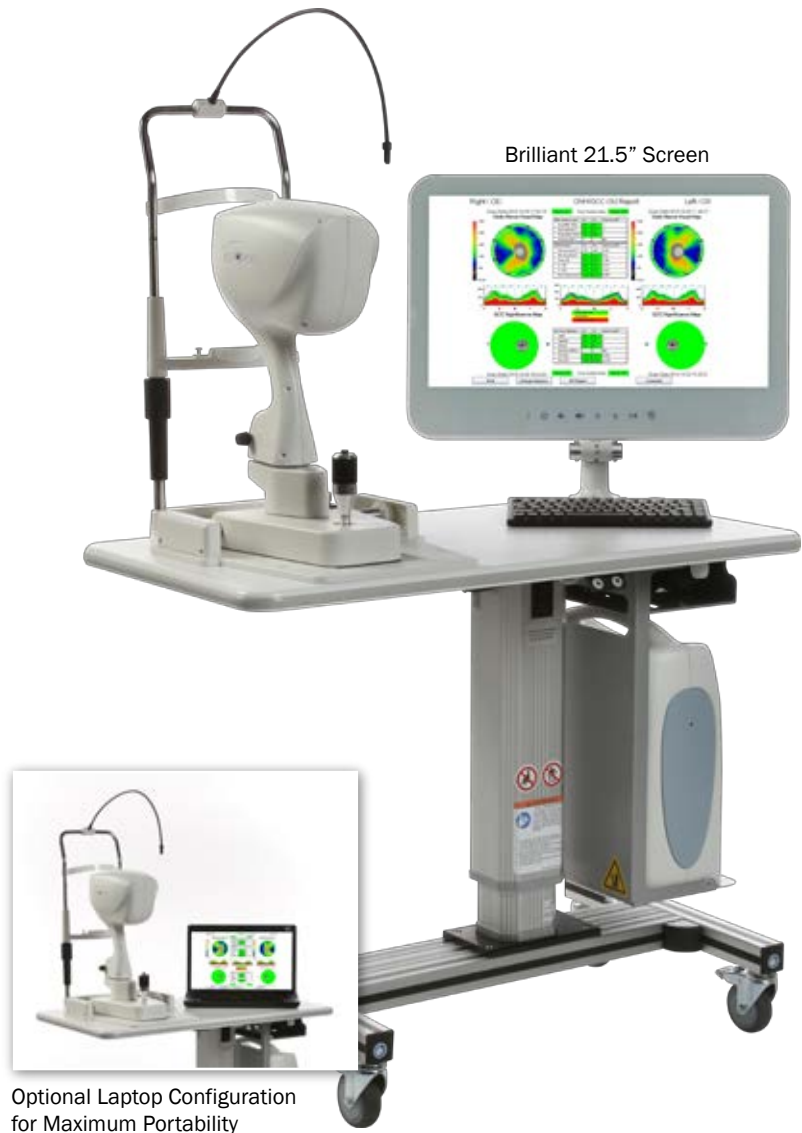
Computer:

Option 1: All-In-One Computer

21.5" Display
Windows 7®, i5 Intel® Processor
4GB Memory
500GB Storage

Option 2: Laptop PC

15.6" Display
Windows 7®, i5 Intel® Processor
4GB Memory
500GB Storage



Optional Laptop Configuration
for Maximum Portability



DEFINING THE OCT REVOLUTION