Defining the OCT Revolution

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: λ=840±10nm
- 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:
  - 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

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 footprint, and familiar slit lamp style delivery design all contribute to fast and efficient clinical use and patient throughput.

The next wave of the revolution is here.

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Features
- Enhanced 3D for volumetric visual assessment
- Brilliant 21.5” Screen
- Optional Laptop Configuration for Maximum Portability

3D/En Face Analysis Upgrade
- 3D Optic Disc
- 3D Macula Scan
**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
Cornea/Anterior Segment Features for non-contact Anterior Segment Assessment

iVue Versatility expand your OCT World

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

Optional iVue Stand for universal iVue positioning such as supine scanning

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

GCC® Structure Changes

- No Apparent GCC Loss
- Measurable GCC Loss

Ganglion Cell Complex (GCC®) Upgrade

The power of the GCC Upgrade can identify ganglion cell loss. GCC loss can precede RNFL loss based on The Glaucoma Continuum.*

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.

## RETINA

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

Retina Change Analysis

### 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

Ganglion Cell Complex (GCC®) Upgrade

GCC® Thickness Mapping
Ganglion Cell Complex Thinning

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

Contact Lens

Angle Visualization and Measurement

iVue Versatility
expand your OCT World

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Optional iStand
for universal iVue positioning such as supine scanning

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What you can detect now
What you could be detecting with the GCC® Upgrade

STAGES OF GLAUCOMA

 acceleration of apoptosis

Normal Blindness

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Optional Laptop Configuration for Maximum Portability

**Brilliant 21.5° Screen**