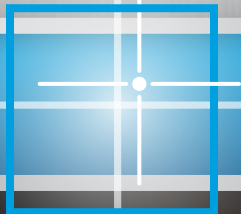




RTVUE **V**TRACTM PREMIER



Real-Time Active Eye-Tracking OCT



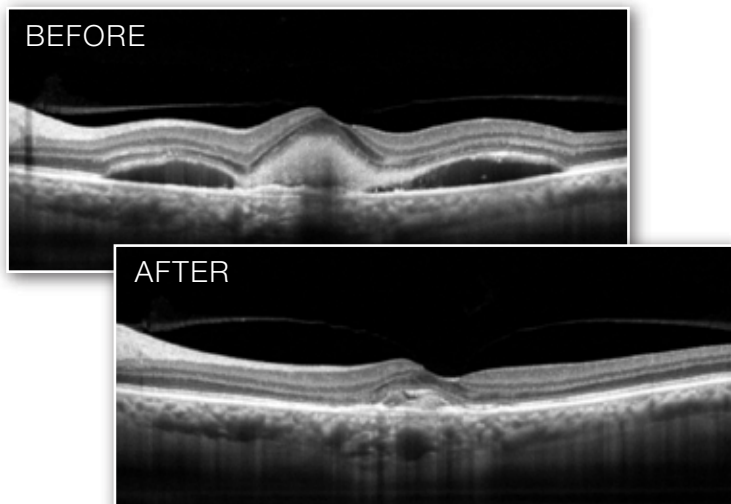
From front to back,
we've got you covered.

Montage of scans captured by RTVue V^{TRAC} Premier.

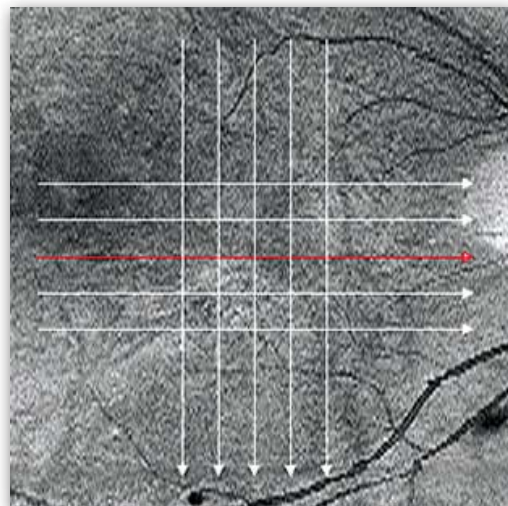
Retina

for documentation and monitoring of ocular disease

Compare Hi-Res B-scans for Change



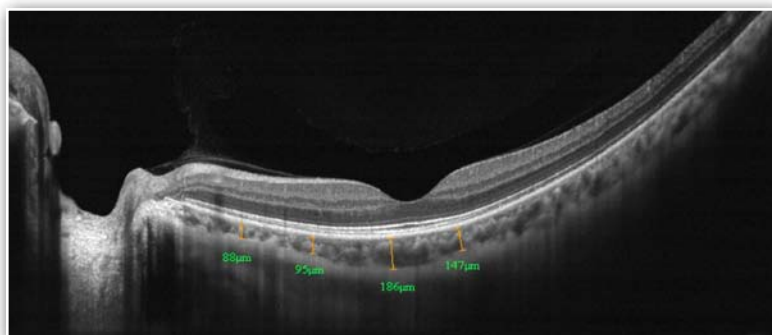
Reference fundus image



Retina Tracking

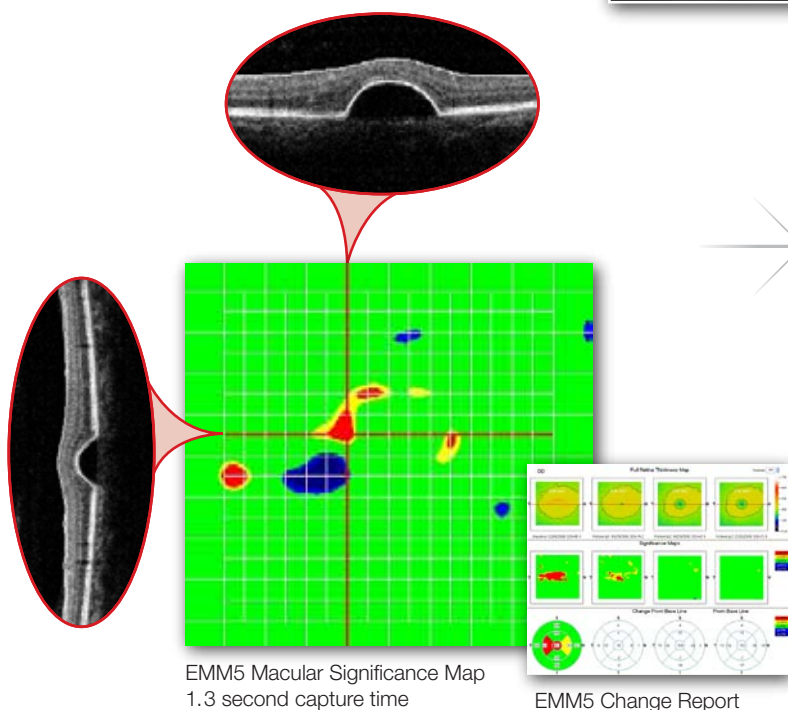
RTVue V^{TRAC}™ Premier gives you the detail and clarity you need to assess the structure of the retina, monitor your patients and track disease progression.

Tracked B-scan with Deep Choroidal Imaging & Measurement (DCI™)



Intelligent Macular Mapping

- Full Retina Thickness comparison to the Normative Database
- Visualize small structural changes
- Click on location to present vertical and horizontal B-scans
- Select Full, Inner, Outer and RPE layer mapping
- Change Analysis to monitor retina based ocular disease
- Volumetric Analysis



Nerve Fiber Layer & Ganglion Cell Complex

for measurement and monitoring of change

RNFL Thickness

**Ganglion Cell
Complex Analysis**

Optic Disc Metrics

**Largest Normative Database
adjusting for Age, Optic Disk
Size (for ONH scan) & Scan
Signal Strength**

**Full 6mm Diameter
Pachymetry Mapping**

Angle Measurements

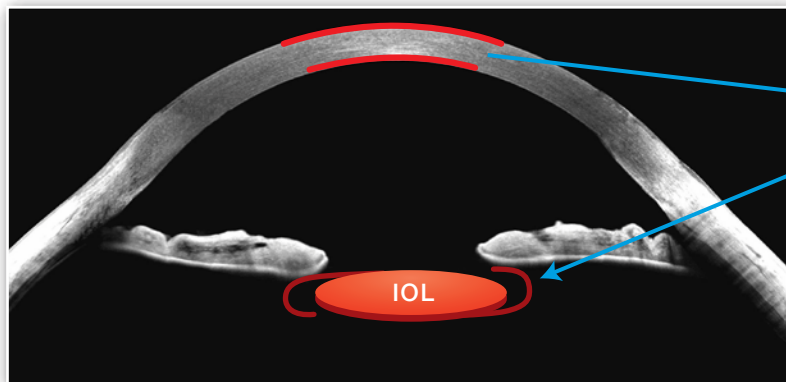
**RNFL/ONH & GCC
Change/Trend Analyses**

Angle=24.68

*Overlay of ONH and GCC maps on sample fundus image.
This image is for illustration purposes only and is not to scale.

Cornea /Anterior Segment

for non-contact Anterior Segment Assessment

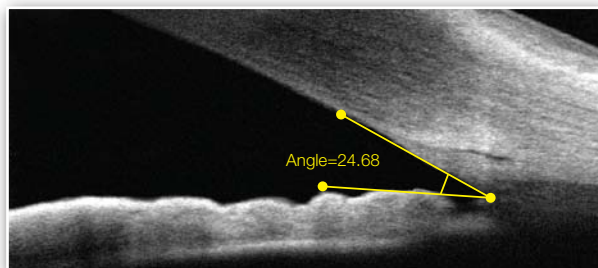


TCP™: Total Cornea Power
enhances post-refractive
IOL calculations for greater
confidence in surgical
outcomes.

TCP™ : Total Cornea Power

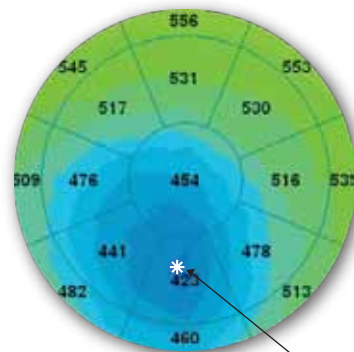
The Cornea Power Upgrade allows evaluation of patients with prior refractive procedures. Standard topography only calculates the front curvature and then extrapolates posterior curvature. Using the Cornea Power Upgrade, both the anterior and posterior curvatures are measured directly to obtain cornea powers.

Angles

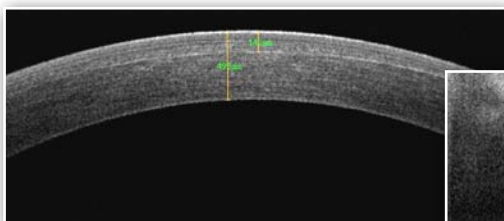


Angle Visualization and Measurement

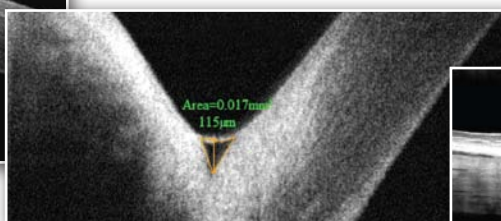
Pachymetry



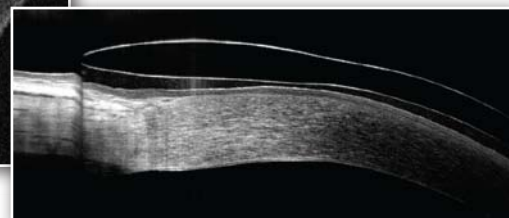
Pachymetry - Full 6mm diameter corneal thickness
mapping with minimum thickness indicator



Post refractive measurement



Tear Film Analysis



Contact Lens Imaging

RTVUE **V**TRAC™ PREMIER



SPECIFICATIONS

RTVue 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: 8 μm (nominal)

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: 32°(H) x 22°(V)

Minimum Pupil diameter: 2.5mm

External Image (Live IR)

FOV: 13mm x 9mm

Patient Interface:

Working Distance: 22mm

Motorized Focus Range: -15D to +20D

Computer:

CPU: 2.66 GHz Quad-Core Processor

RAM: 4GB

Hard Disk: 1 TB

Back Up Hard Disk: 1 TB

OPTOVUE INNOVATIONS

Cataract Surgeon ► Total Cornea Power (TCP™)

Glaucoma Specialist ► The Original Ganglion Cell Complex (GCC®) Analysis

Retina Specialist ► Deep Choroidal Imaging & Measurement (DCI™)



DEFINING THE OCT REVOLUTION

OPTOVUE, INCORPORATED | 2800 BAYVIEW DRIVE, FREMONT, CA 94538 USA | PH: +1 510.623.8868 | FX: +1 510.623.8668
OPTOVUE, EUROPE GMBH | GERHART-HAUPTMANN-STR. 38, 69221 DOSENHEIM, GERMANY | PH: +49 6221 5860 661 | FX: +49 6221 5860 664