*i*Fusion™

SD-OCT & Digital Fundus Photography

The Complete Retinal Imaging Solution

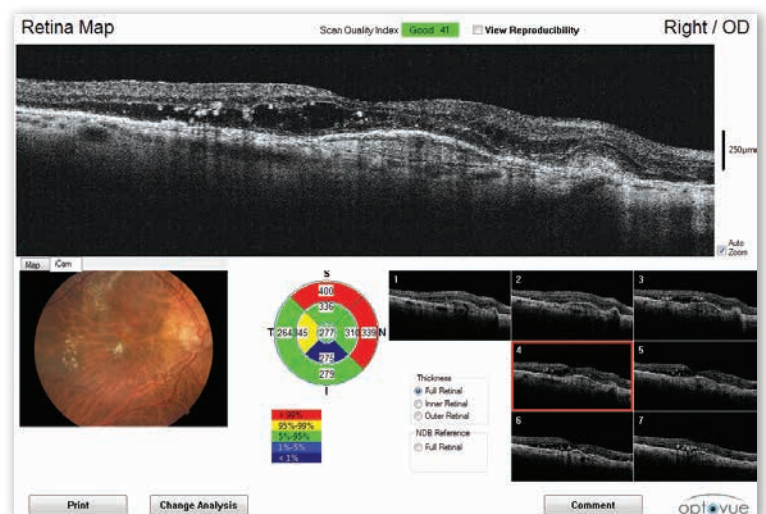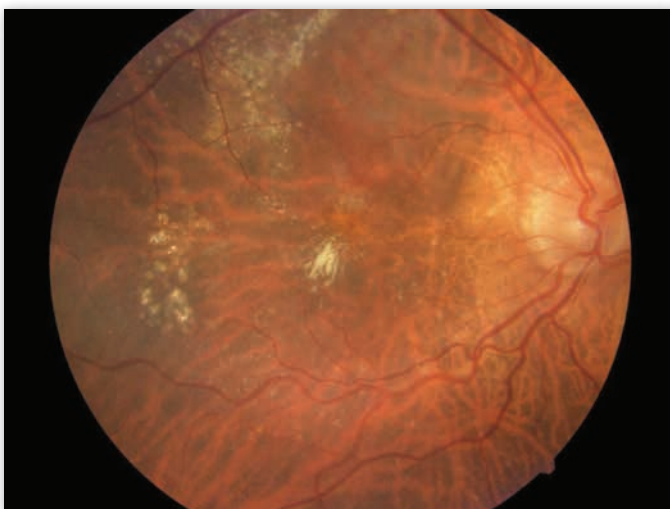optovue

*i*Fusion™ THE COMPLETE RETINAL IMAGING SOLUTION

iFusion combines the best of Spectral-Domain OCT and Fundus imaging by adding the powerful OCT capabilities of *i*Vue® and high quality imaging from *i*Cam™ on a single, integrated, versatile platform that will add value to your practice.

SAVE TIME & SPACE FOR PRACTICE EFFICIENCY

iFusion enhances your practice efficiency by streamlining your workflow in evaluating the patient with OCT and fundus imaging at one compact instrument.

UPGRADE OPTIONS FOR MORE FLEXIBILITY

As your technology needs change, iFusion's modularity provides you various upgrade pathways to choose from so that you can offer the latest in OCT and fundus imaging to your patients.

High Quality Imaging | Affordable | Easy Integration

The Fusing
of **OCT** & **Fundus Photography**

*For illustrative purposes only

*i*Fusion™

SD-OCT & Digital Fundus Photography

*i*Vue® SD-OCT

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

Scan Range:
   Depth: 2 or 2.3mm
   Transverse: 2mm to 12mm

Scan Beam Wavelength: $\lambda=840\pm10$nm

Exposure Power at pupil: 700µW to 750µW

External Image (Live IR)
   FOV: 13mm x 9mm

Patient Interface:
   Working Distance: 21.2mm for retina,
      16.6 for cornea
   Motorized Focus Range: -15D to +10D

*i*Cam™ Non-Mydriatic Fundus Camera

SPECIFICATIONS

Field Angle: 45°

Image: 5.2 Million Pixels

Pupil Diameter: ≥4mm

Illumination During Alignment to
Patient's Eye: NIR LED

Flash for Retina Image Capture:
   White LED located inside the instrument
   at the end of the illumination optical train,
   synchronized to flash with the capture function

Cornea Image:
   Illumination from 3 external white LED
   sources in steady state mode

Total Focus Diopter Adjustment Range: -35D to +30D

Z-ranging (Working Distance): ~25mm

Fixation: 6 Internal & 1 Adjustable External

Focus Adjustment: Manual

All-In-One Computer

SPECIFICATIONS

21.5" Display

Windows 7®

i5 Intel® Processor

4GB Memory

500GB Storage