

Silverstone
SS OCT

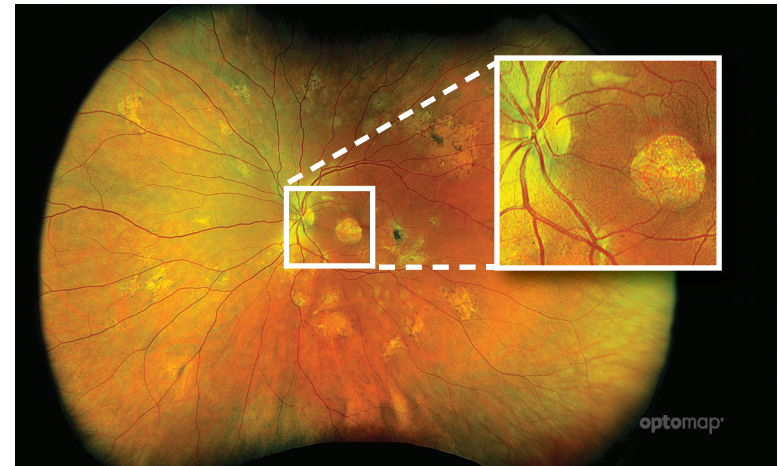


OPTOS UWF™ RETINAL IMAGING WITH GUIDED, SWEEP SOURCE OCT

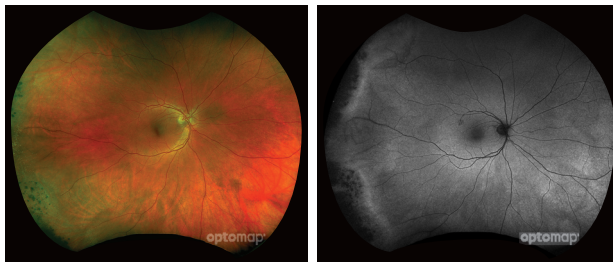
Silverstone SS OCT

Silverstone, the most powerful tool yet for examining the retina, is the only ultra-widefield imaging device with integrated swept source OCT. Silverstone produces a 200° single-capture retinal image of unrivaled clarity in less than ½ second and enables **optomap®** guided OCT scanning across the retina and into the far periphery.

optomap has been shown to enhance pathology detection and disease management, and to improve clinic flow.¹ Now with integrated swept source OCT, **Silverstone** facilitates examination of the retina from vitreous through the choroidal-scleral interface.

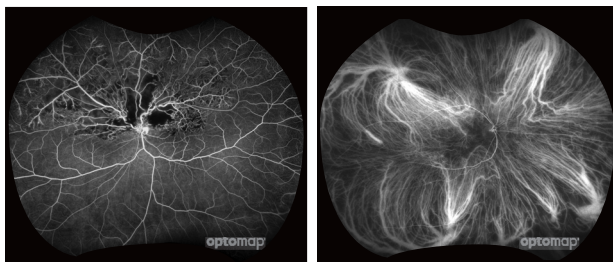


UWF **optomap** imaging provides image resolution equivalent to ETDRS² and eliminates the need for multiple image sweeps or montaging



optomap **color**

optomap **af**

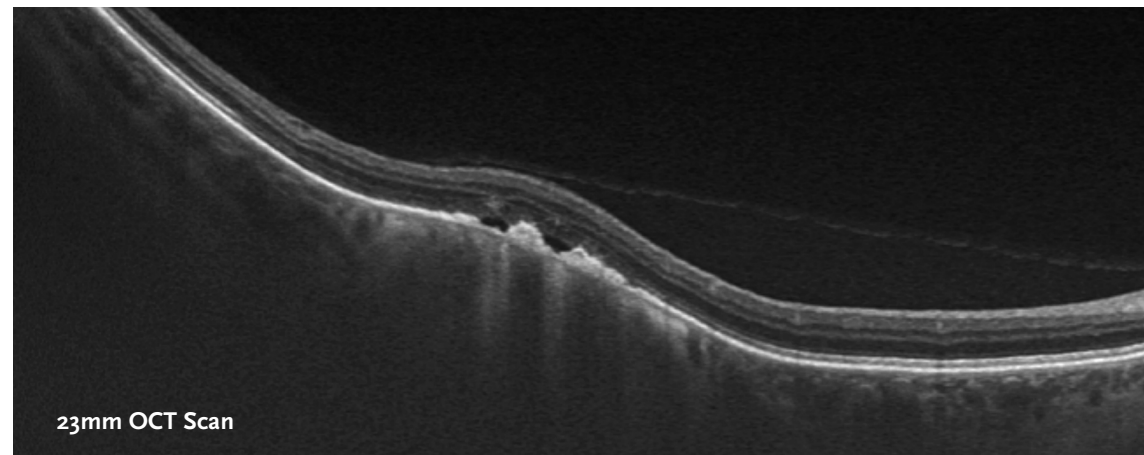


optomap **fa**

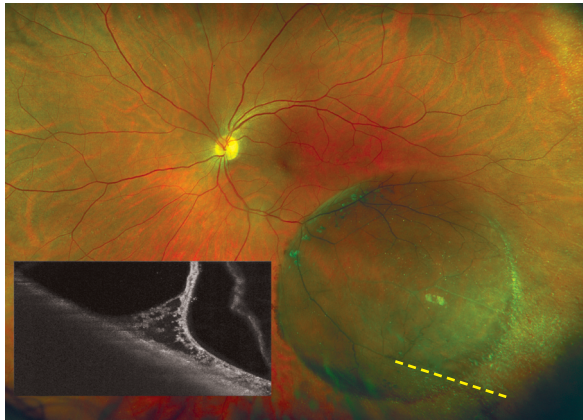
Courtesy of Prof Paulo Stanga

optomap **icg**

Courtesy of Srinivas Sadda, MD



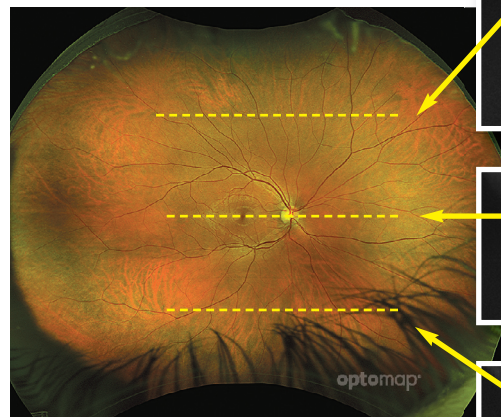
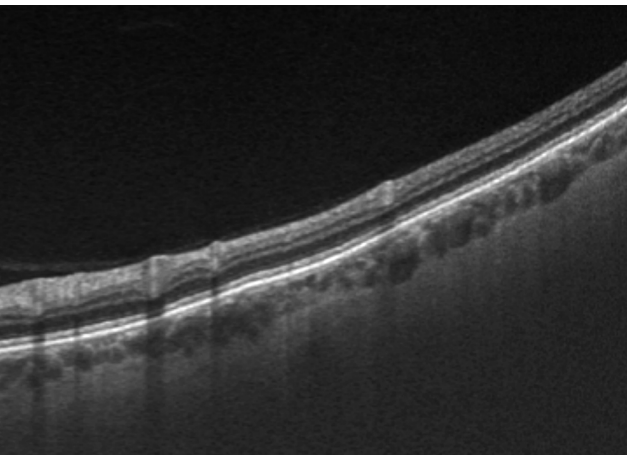
MULTIMODAL IMAGING



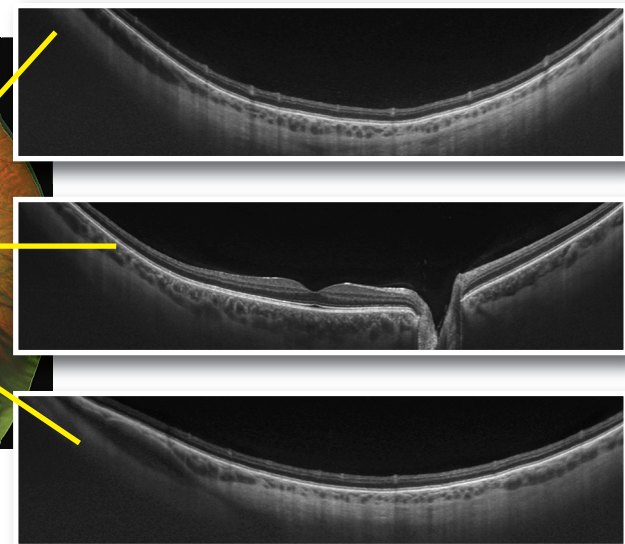
UWF guided OCT enables OCT capture even in the far periphery

FEATURES AND BENEFITS

- UWF with integrated swept source OCT, facilitates detailed examination of the retina-vitreous to sclera
- High resolution **optomap** image enhances pathology detection and management from macula through the far periphery¹
- Fast, single-capture, 200° imaging (less than ½ second), can improve clinic flow and patient satisfaction²
- UWF guided, swept source OCT, images pathology anywhere on the **optomap**
- Automatic rescan function for fast, precise follow-up scanning
- Non-mydratric, cSLO imaging, effective through most cataracts and small (2mm) pupils
- 1050 nm OCT light source, provides deeper tissue penetration for clear, detailed choroidal imaging
- 3-in-1 Color Depth Imaging™ provides important clinical data from the retinal surface through the choroid
- Optos**Advance**™ Image Management software streamlines image review and consultations
- DICOM compatible software supports compliance with the Code of Federal Regulations^{3,4}



Color **optomap** image with superior, central, and inferior line scans



¹ Silva et al, Nonmydratric Ultrawide Field Retinal Imaging Compared with Dilated Standard 7-Field 35-mm Photography and Retinal Specialist Examination for Evaluation of Diabetic Retinopathy, AJO 2012. ² Tornambe, The Impact of Ultra-widefield Retinal Imaging on Practice Efficiency, US Ophthalmic Review 2017 ³ All Covered Entities must securely backup 'retrievable exact copies of ePHI' (CFR 164.308 (7) (ii) (A)). ⁴ All Data must be backed up off site. HIPAA final security rule (CFR 164.308(a)(1)).

TECHNICAL SPECIFICATIONS

TRADE NAME	UWF-OCT or Silverstone
MODEL NAME	P200TxE
MODEL NUMBER	A10750
optomap UWF Imaging	
IMAGING MODALITIES	Color
	Sensory (red-free)
	Choroidal
	Autofluorescence (AF)
	Fluorescein (FA)
	Indocyanine Green (ICG)
RESOLUTION	optomap: 20 µm, optomap <i>plus</i> : 14 µm
LASER WAVELENGTHS	Blue Laser: 488 nm (for FA) Red laser: 635 nm Green laser: 532 nm (for AF) Infra-red: 802 nm (for ICG)
EXPOSURE TIME	Less than 0.4 seconds
OCT Imaging	
SIGNAL TYPE	Optical scattering from tissue
SIGNAL SOURCE	Swept Source OCT, Wavelength 1050 nm
OPTICAL POWER	Laser safety Class-1 following IEC/EN60825-1:2014(2007)
AXIAL RESOLUTION	<7 microns (in tissue)
TRANSVERSE RESOLUTION	<20 microns (in tissue)
SCANNERS	Galvanometric X, Y pair
SCAN DEPTH	Up to 2.5 mm
A-SCAN RATE	Up to 100k cycles/sec
SCAN TYPES	Line Scans Width: 6 mm, 14 mm, 23 mm
	Volume & High-Density Volume Scans Height: Min 3.5 mm; Max 9 mm Width: Min 6.0 mm; Max 14 mm



System	
FOOT PRINT	Width: 540 mm / 22 in Depth: 570 mm / 23 in including chin rest Height: 683 - 707 mm / 27 - 28 in
WEIGHT	Max 45 kg
TABLE SPACE REQUIREMENTS	Width: 887 mm / 35 in Depth: 600 mm / 24 in Height: 725 to 1205 mm / 29 - 48 in
COLORS	White with aqua trim
SYSTEM VOLTAGE	100-240V, 50/60Hz
POWER CONSUMPTION	289-350 VA

NOTE: Specifications are subject to change without notice.

More than 1,000 published and ongoing clinical trials as well as thousands of case studies and testimonials show the long-term value of **optomap** imaging in diagnosis, treatment planning and patient engagement. The integration of UWF guided swept source OCT with **optomap** provides a complete solution for patient imaging.



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