

SEE MORE

DIAGNOSE MORE, TREAT MORE



200Tx™

Building *The* Retina Company

 **optos® Ophthalmology**

[optos.com](http://optos.com)

# PIONEERING TECHNOLOGY

**Optos' patented ultra-widefield digital scanning laser technology acquires images that support the detection, diagnosis, analysis, documentation and management of ocular pathology and systemic disease that may first present in the periphery. These conditions may otherwise go undetected using traditional examination techniques and equipment. Simultaneous, non-contact central pole-to-periphery views of up to 82% or 200 degrees of the retina are displayed in one single capture, compared to 45 degrees achieved with conventional methods.**

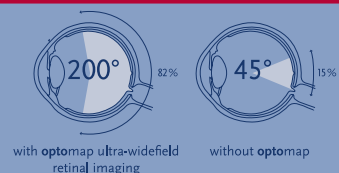
The **200Tx™** device was designed specifically for ophthalmologists and vitreo retina specialists. It offers multiple wavelength imaging, including options for color, red-free, fluorescein angiography and autofluorescence with green laser light. With its advanced features like Eye Steering and ResMax® central pole resolution enhancement, it helps practitioners discover more evidence of disease and guide their treatment decisions.



## FEATURES

- Non-mydratric ultra-high resolution images in under a second, through 2 mm pupils and most cataracts
- Red and green lasers. Each wavelength provides information for interpretation and diagnosis. Channels can be viewed separately:
  - Green (532 nm) “red-free” visualizes the sensory retina to the RPE
  - Red (635 nm) shows the choroidal features
  - Blue (488 nm) is used for ultra-widefield fluorescein angiography
- Ultra-widefield autofluorescence imaging with green laser light displays lipofuscin in the RPE
- Guided Eye Steering allows images that extend beyond 200 degrees
- ResMax for central pole resolution enhancement (Resolution: 11  $\mu\text{m}$ )
- Images are available immediately and stored electronically for future comparison or telehealth applications
- Innovative software tools enhance image evaluation
- Compatible with image management and EHR systems

Optos is a leading provider of innovative solutions for comprehensive retinal evaluation, enabling practitioners to more effectively detect and monitor ocular pathology and promote patient health.

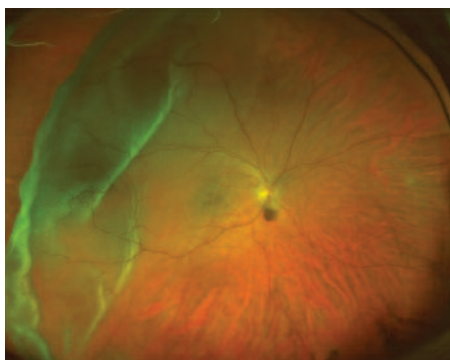


*“200Tx gives me the ability to see the entire peripheral vascular system and still have a high resolution image comparable to standard fluorescein angiography... Why settle for 30% of the vasculature system of the eye when you can see 70 – 90%.”*

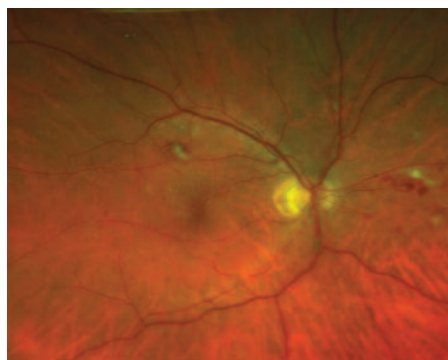
**David Brown, MD, FACS**  
Houston, TX



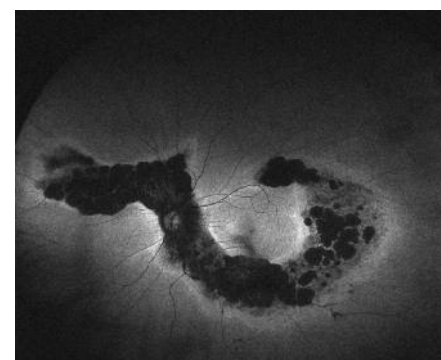
optomap *fa*



optomap



optomap *plus*



optomap *af*



<b>Image Types</b>	<b>optomap and optomap <i>plus</i></b> (red and green laser): Color Composite View Green Laser View Red Laser View <b>optomap <i>af</i></b> (green laser): Autofluorescence (optional) <b>optomap <i>fa</i></b> (blue laser): Fluorescein Angiography (optional)
<b>Resolution</b>	optomap: 20 µm optomap <i>plus</i> , optomap <i>af</i> , and optomap <i>fa</i> : 14 µm ResMax: 11 µm
<b>Wavelengths</b>	Red laser: 633 nm Green laser: 532 nm Blue laser: 488 nm
<b>Exposure Time</b>	0.3 seconds
<b>Foot Print</b>	Width: 1219 mm / 48 in Depth: 815 mm / 32 in Height: 1498 - 1798 mm / 58-70 in
<b>Weight</b>	115kg / 253 lbs
<b>Laser Class</b>	Laser safety class-1 following EN60825-1
<b>System Voltage</b>	US:100-120V, 50/60Hz, 4.6 A
<b>Power Consumption</b>	Max. 500W

*Optos has more than 250 completed and ongoing clinical studies supporting our commitment to the belief that an ultra-widefield view of the retina helps eye care professionals provide the best care for their patients. More than 5,000 devices are installed worldwide and more than 39 million patients have received an optomap®.*



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