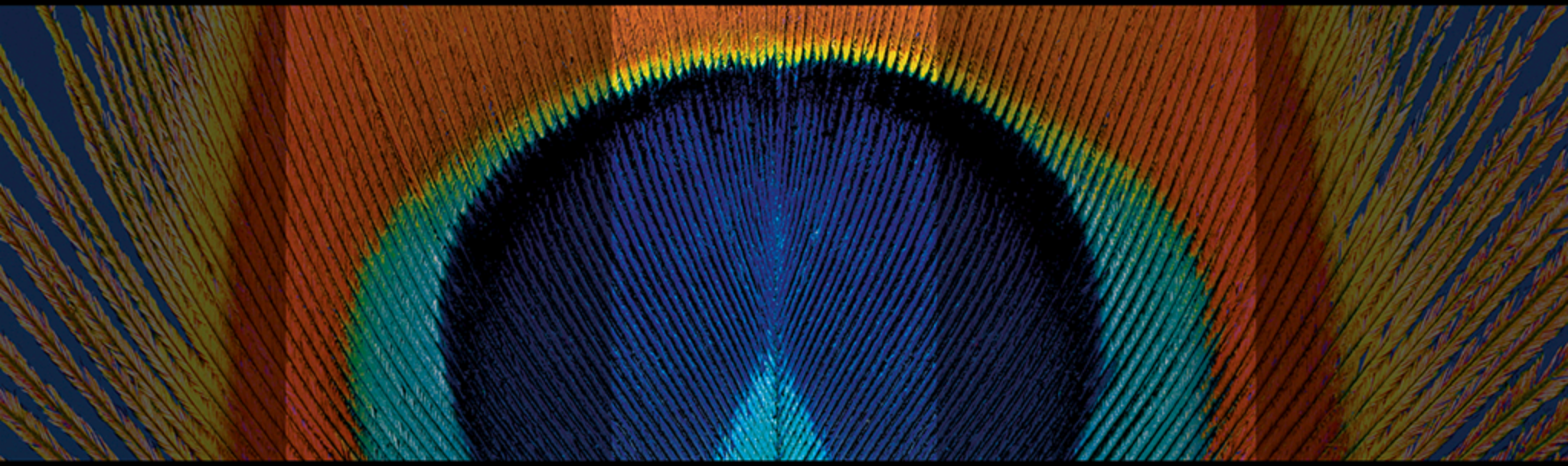
SPECTRALIS®

Retina and Glaucoma Imaging Platform



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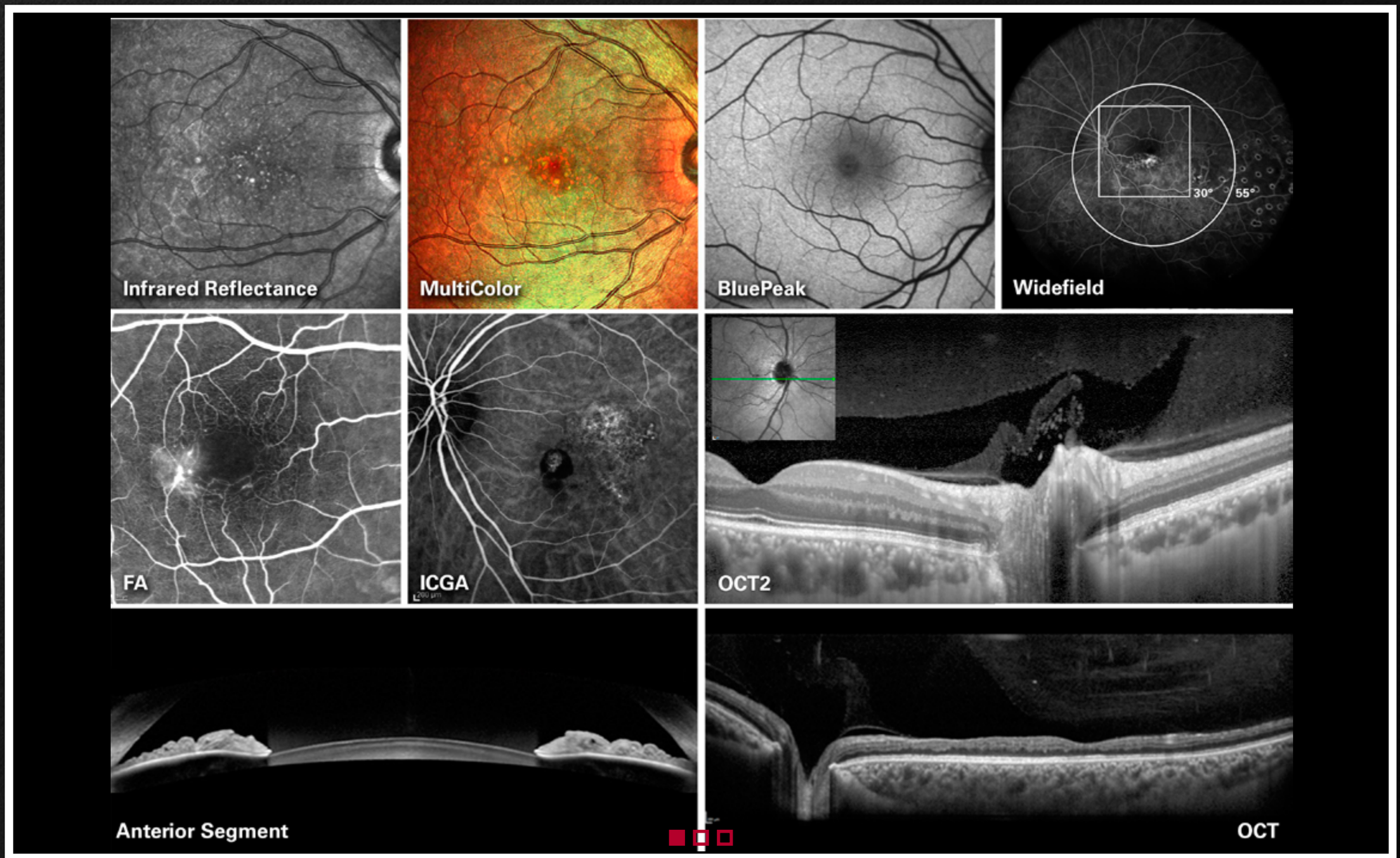

Retina and Glaucoma Imaging Platform

		OCT SPECTRALIS	HRA+OCT SPECTRALIS	HRA SPECTRALIS
OCT	Retina	■	■	
	Glaucoma	■	■	
	Anterior Segment	option	option	
	Nsite Analytics	option	option	
	OCT2 Module (85,000 Hz)	option	option	
Fundus	Infrared Reflectance	■	■	■
	BluePeak	option	■	■
	MultiColor	option	option	option
Widefield	Panning Camera	option	■	■
	Widefield Imaging (Fundus & OCT)	option	option	option
Angiography	Fluorescein Angiography		■	■
	ICG Angiography		option	option
	Ultra-Widefield Angiography		option	option

Some options can be added anytime; some are only available at initial equipment purchase.

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*Currently under development and not for sale yet.

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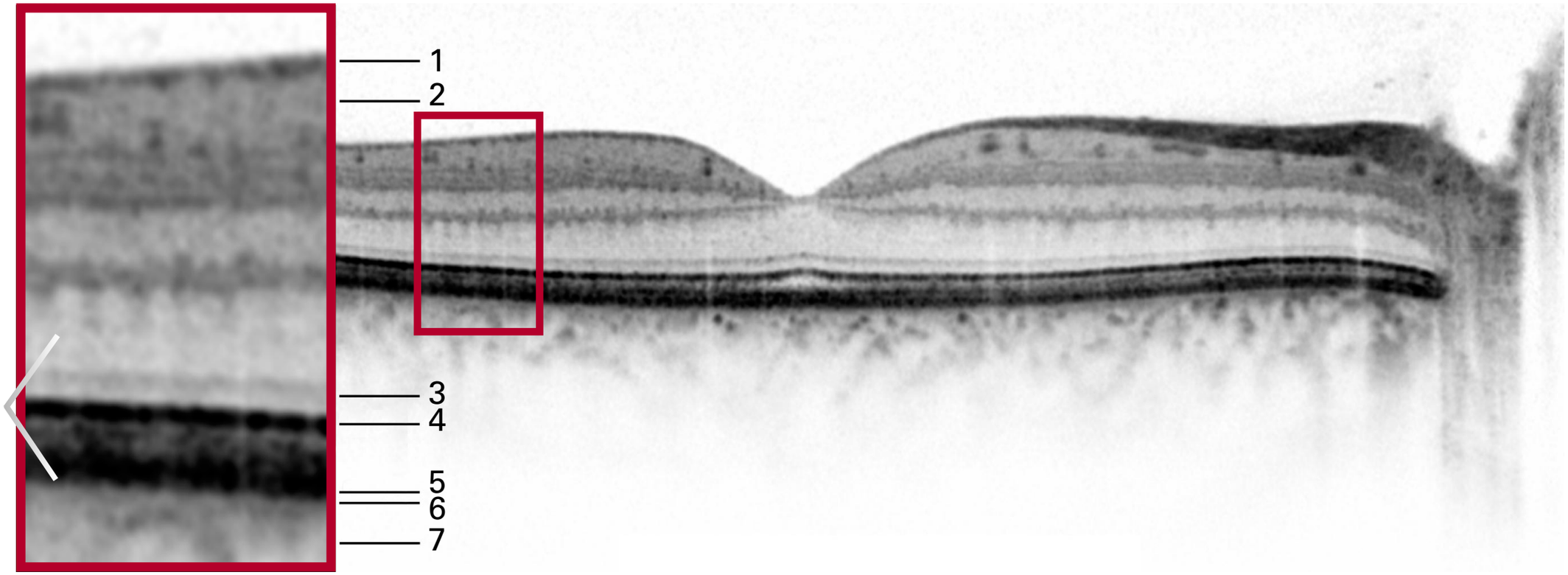
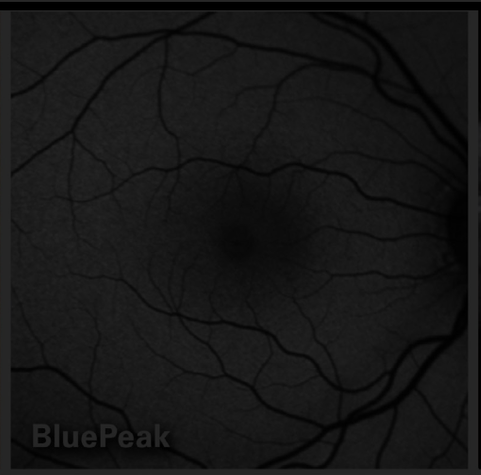
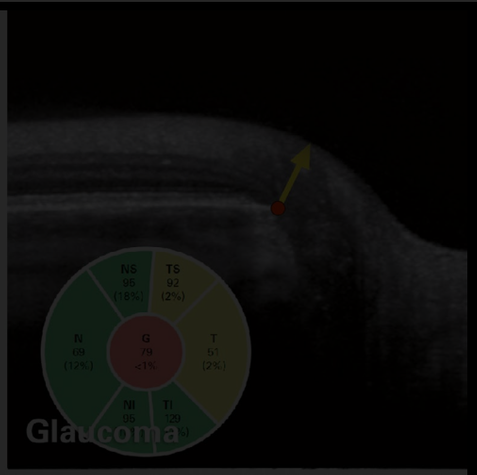
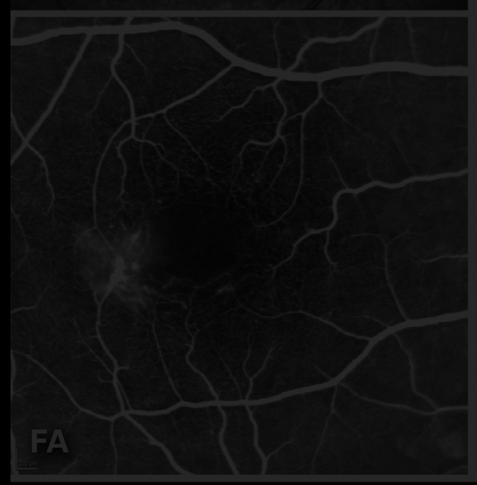
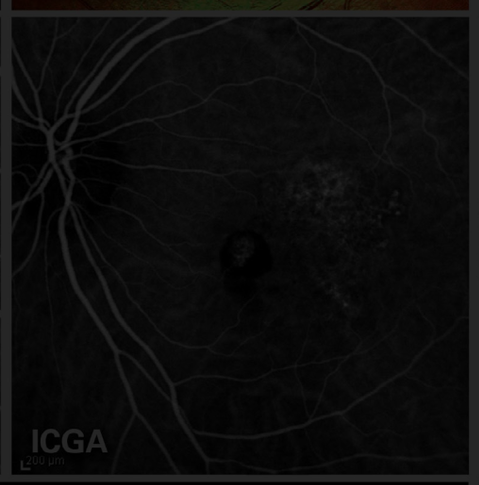


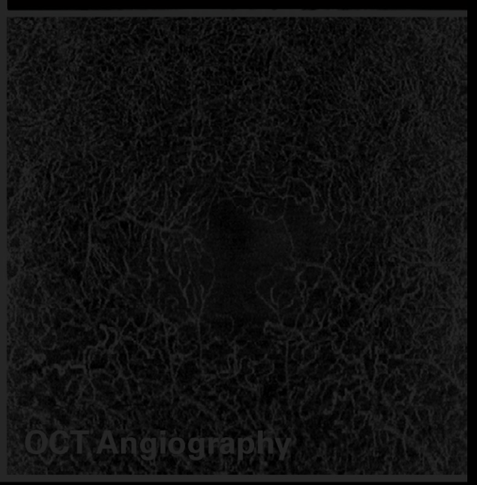
1 Nerve fiber layer
2 Ganglion cell layer
3 External limiting membrane
4 Photoreceptors
5 RPE
6 Bruch‘s membrane
7 Choroid





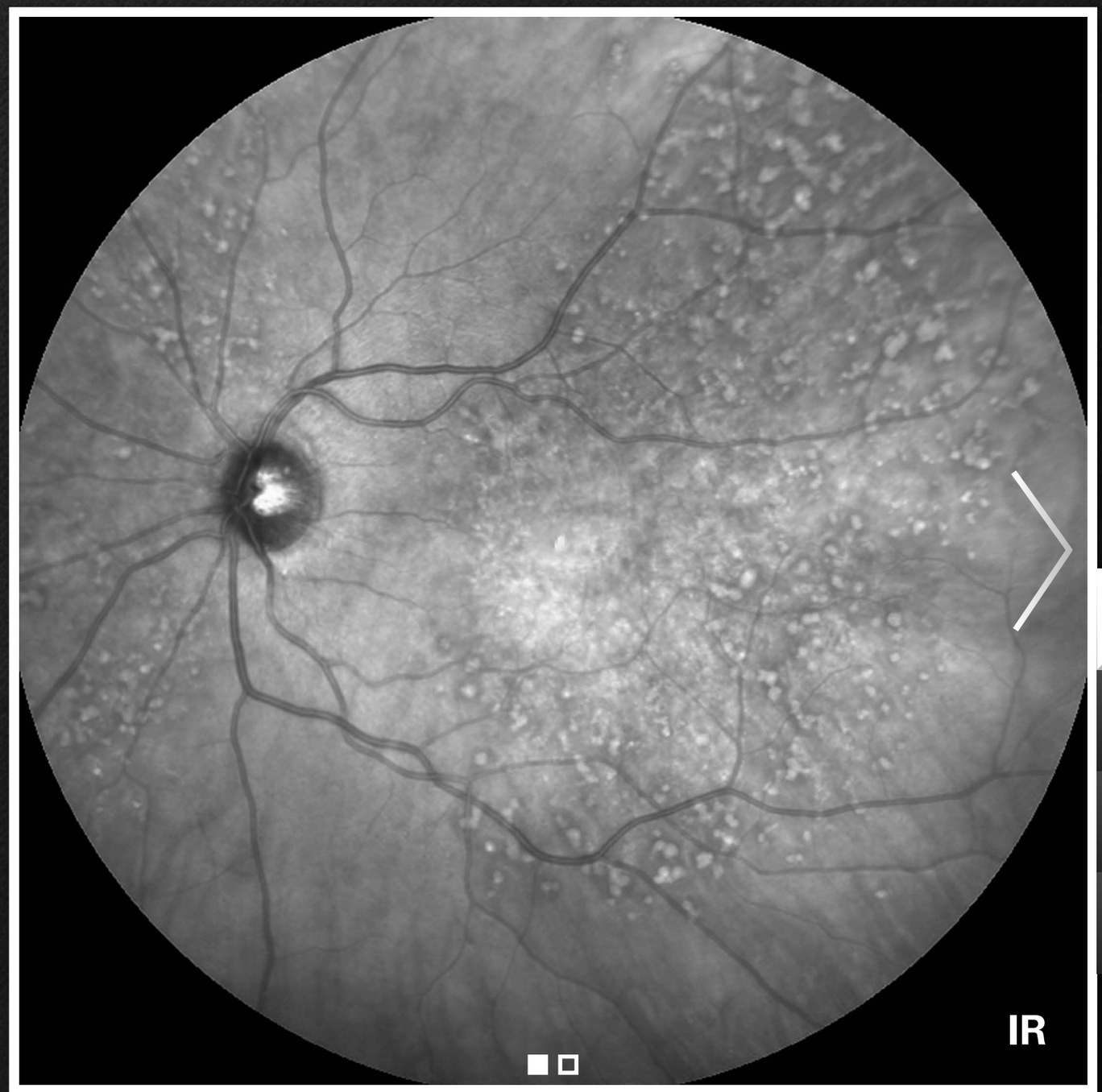






The SPECTRALIS® system is an ophthalmic imaging platform with an upgradable, modular design. This platform allows to configure each SPECTRALIS to the specific diagnostic workflow in the practice or clinic. Options include: OCT, multiple laser fundus imaging modalities, widefield and ultra-widefield modules, and scanning laser angiography.

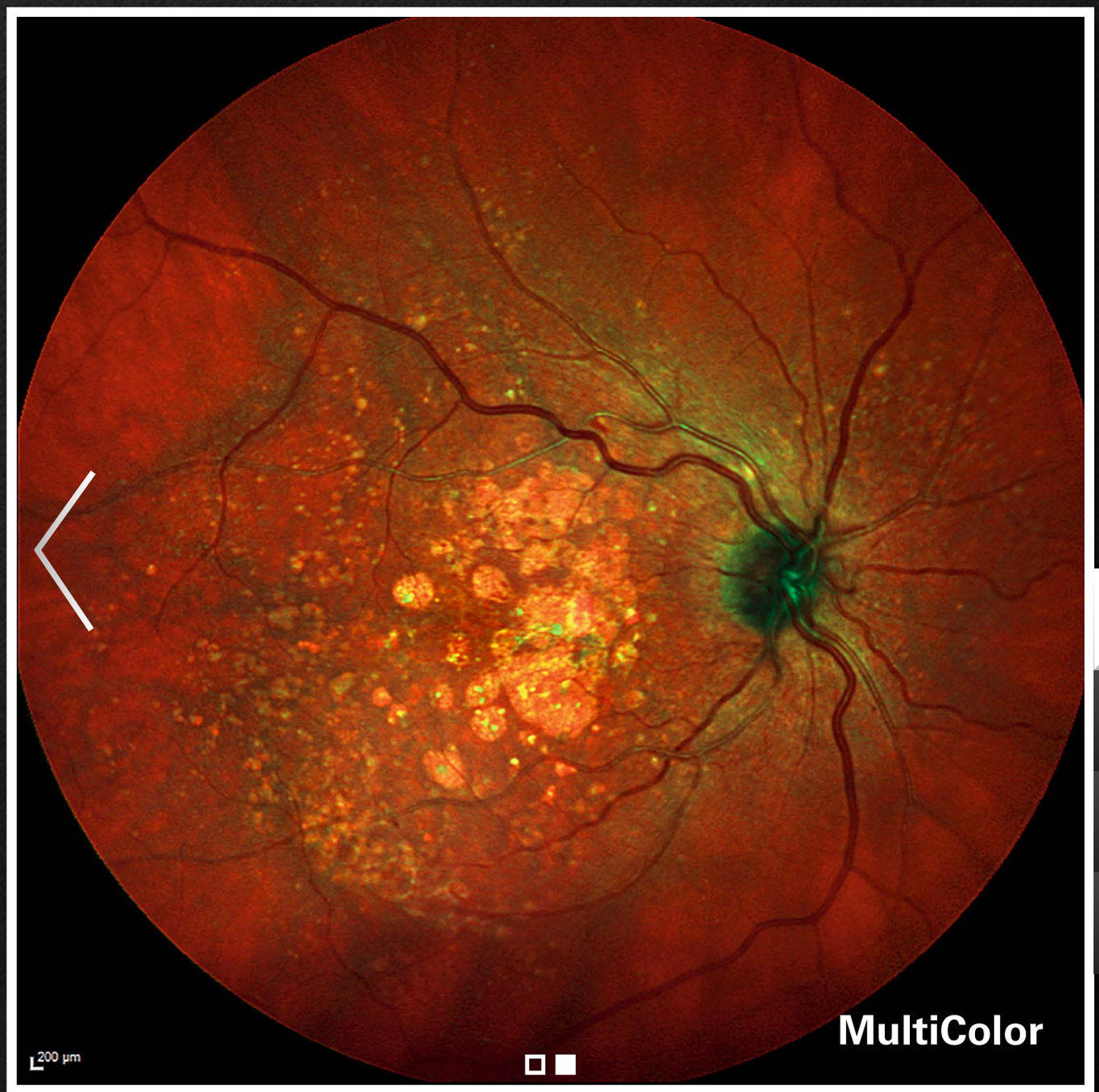
Exclusive Core Technologies



The confocal scanning laser ophthalmoscope (cSLO) in the SPECTRALIS® platform is an innovative technology for examining and imaging the retina and other eye structures. Combining the selectivity of laser light with the pinpoint resolution of confocal scanning, the cSLO provides image detail and clarity not available from fundus photography. The cSLO technology not only offers documentation of clinical findings but it also often highlights critical diagnostic detail not visible on traditional clinical ophthalmoscopy.

- **Confocal Scanning Laser**
- TruTrack Active Eye Tracking
- Noise Reduction
- AutoRescan

Exclusive Core Technologies



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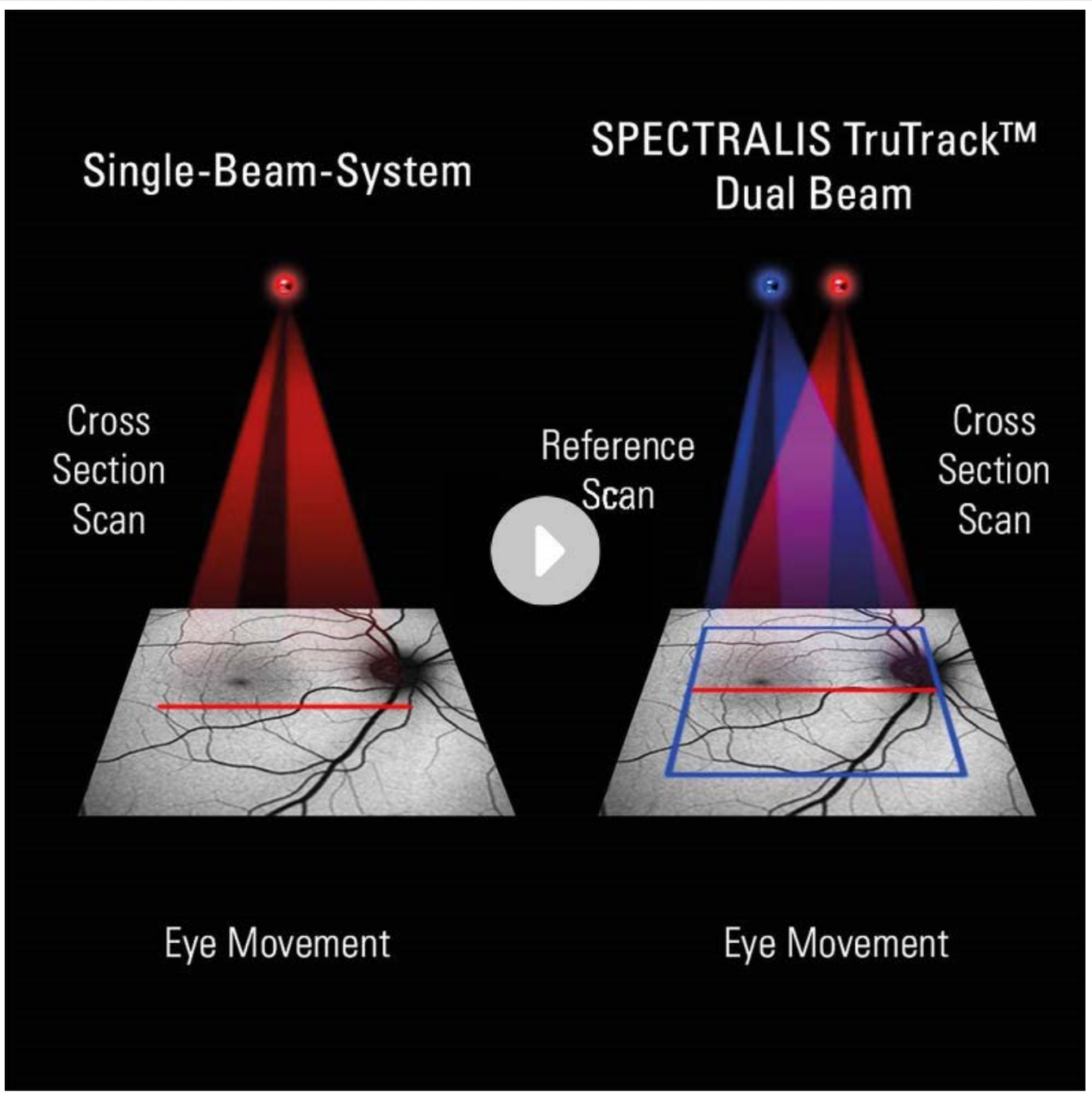

TruTrack Active Eye Tracking is a patented imaging technology that utilizes two beams of light simultaneously to track and image the eye. Actively tracking the eye in real-time throughout image capture mitigates the effects of eye motion, resulting in accurate OCT scan data. Additional clinical benefits of TruTrack Active Eye Tracking are precise, automated follow-up scanning; measurement reproducibility to 1 micron; and excellent image quality throughout the volume scan.

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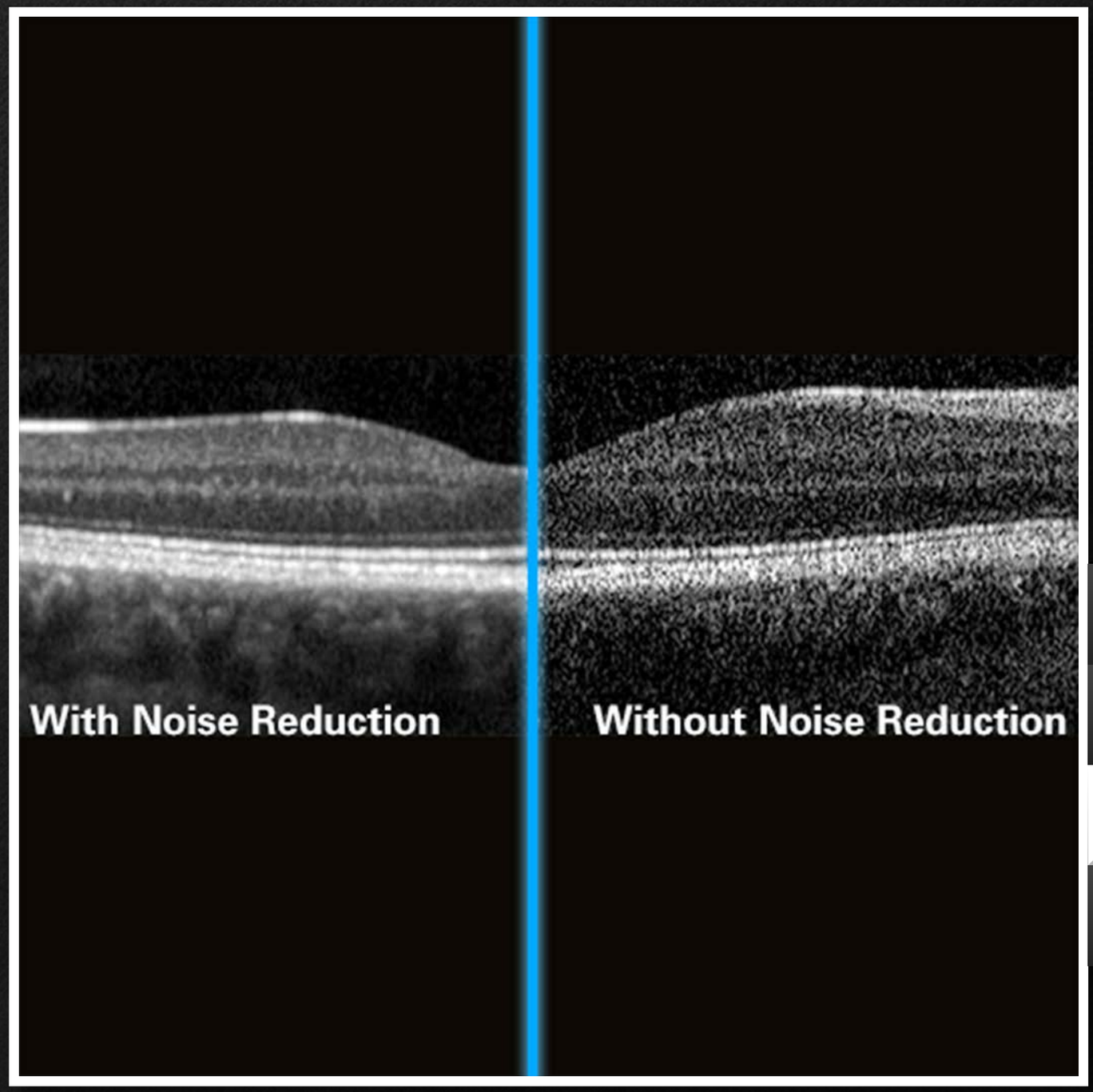

Heidelberg Noise Reduction is a proprietary technology that removes the noise inherent in OCT and scanning laser imaging. By capturing multiple images in the exact same location this technology is able to effectively differentiate structural information from noise and then remove the noise.
The result is images of high contrast and exceptional detail from vitreous through choroid and across the entire posterior pole.

Confocal Scanning Laser
TruTrack Active Eye Tracking
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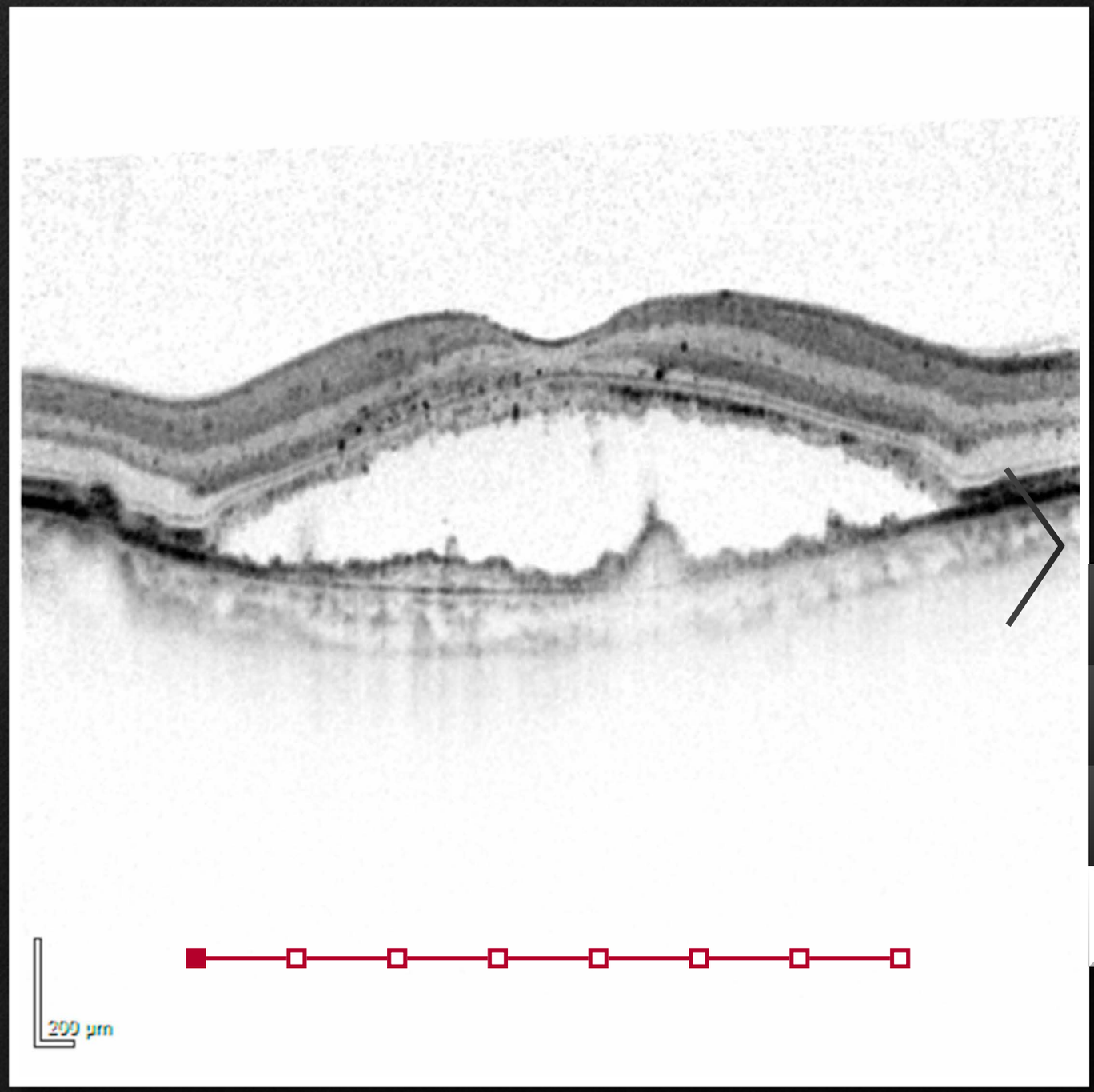

Using the SPECTRALIS® fundus image like a GPS map, the AutoRescan function automatically places follow-up scans in precisely the same position visit after visit. Accurate, automatic placement of follow-up scans is important for optimizing patient flow and for confident recognition of small structural changes. Studies have shown that SPECTRALIS with AutoRescan technology can reliably measure changes in retinal and nerve fiber layer thickness as small as 1 micron.

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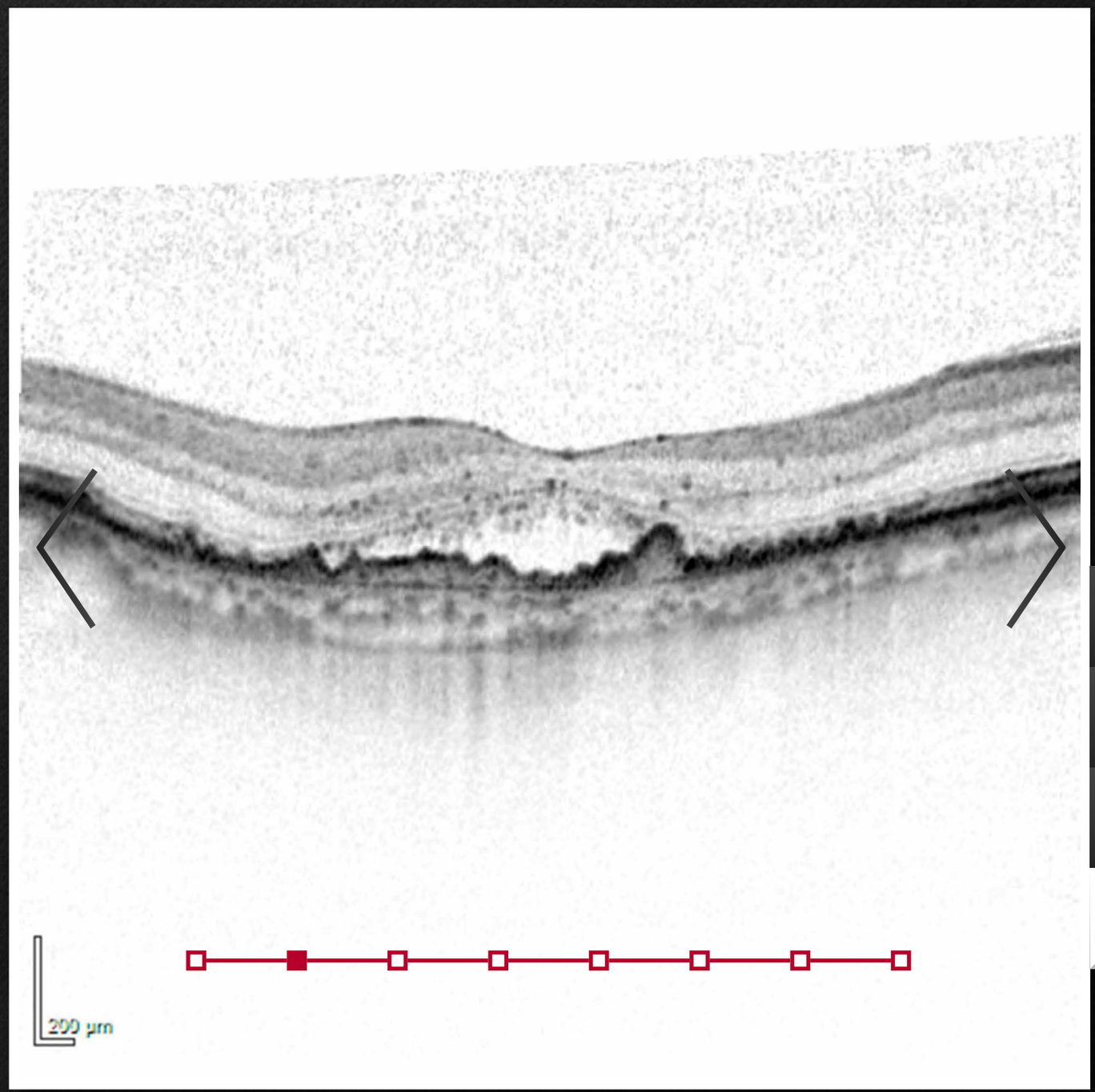

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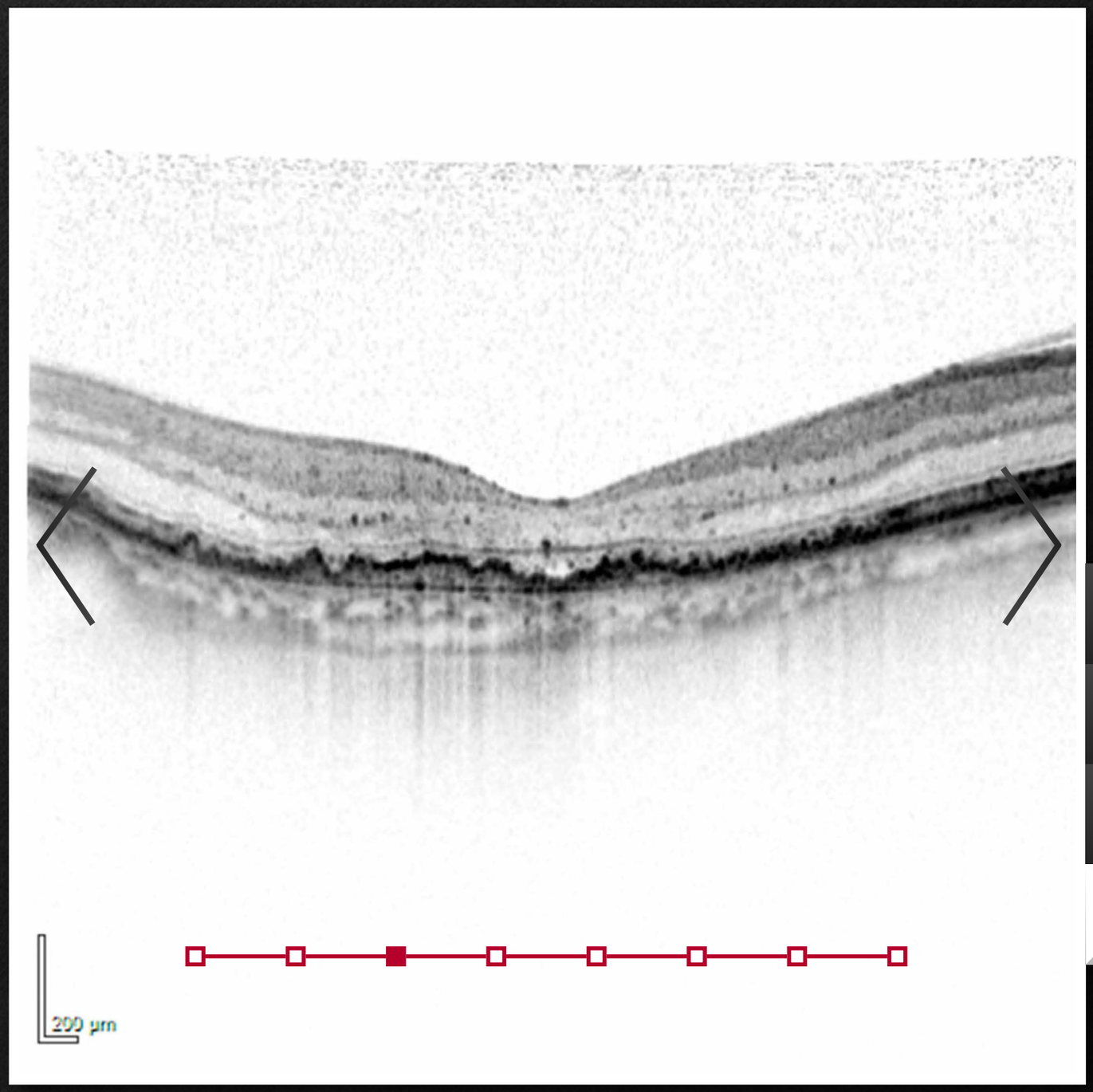

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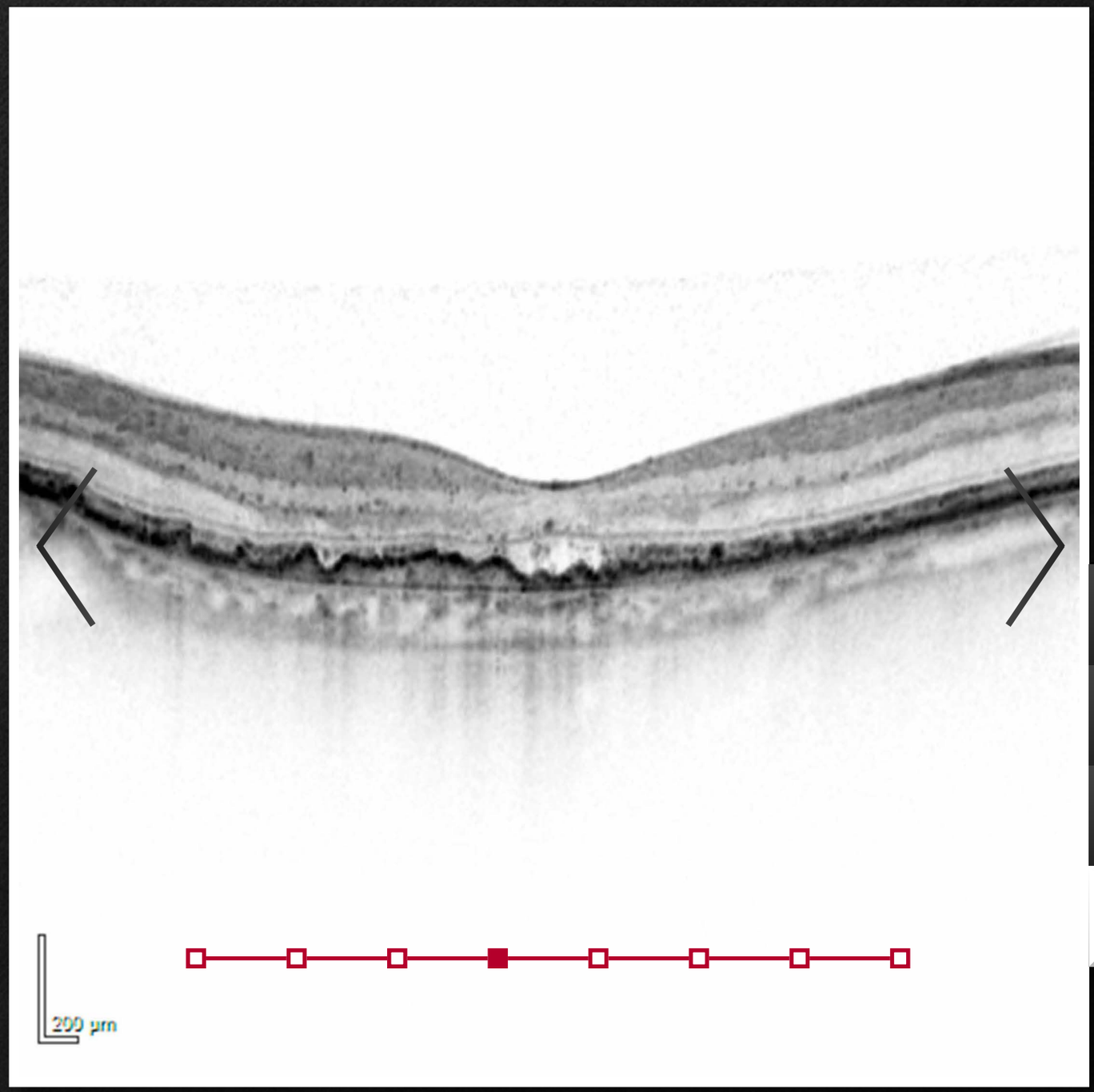

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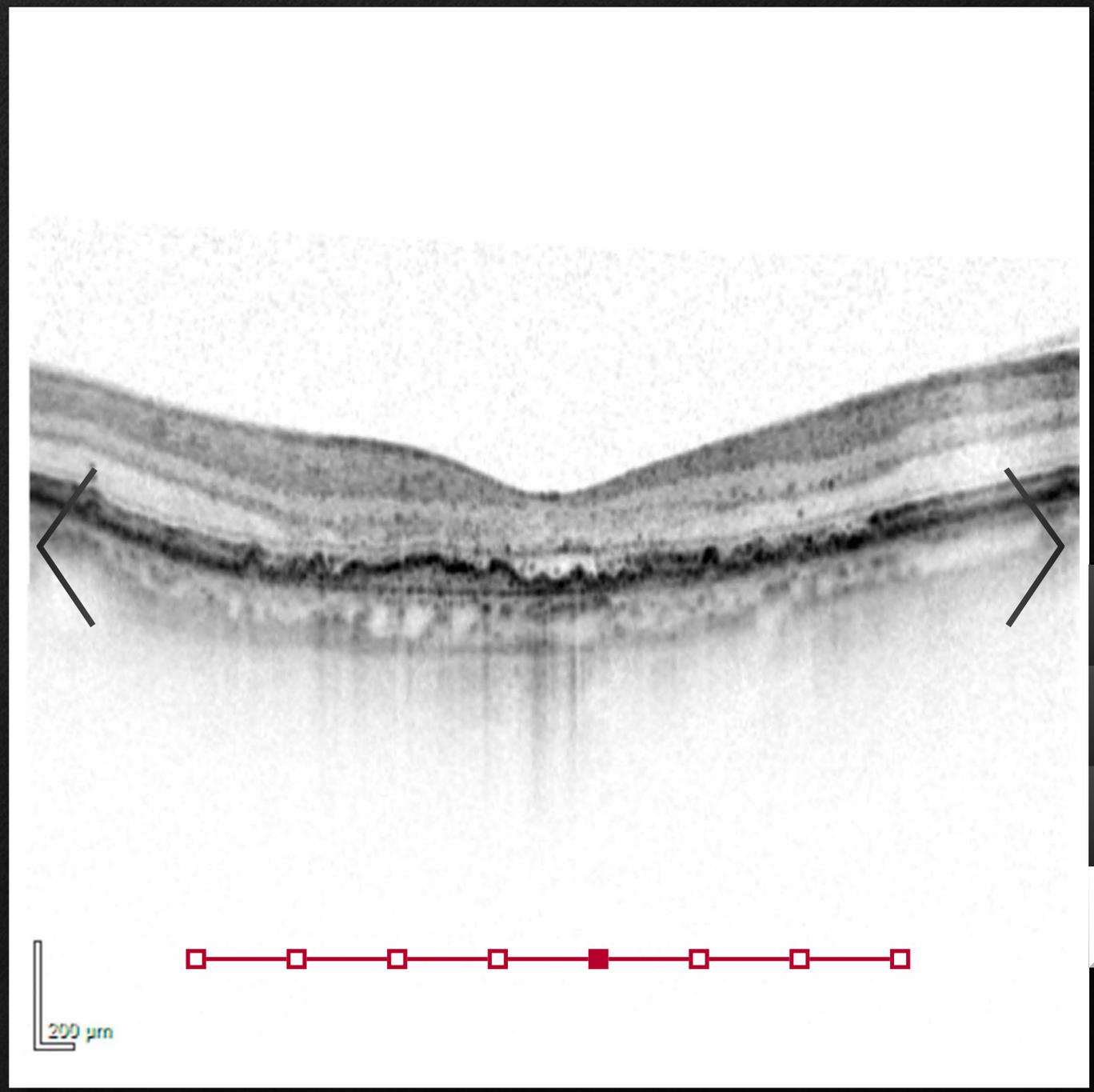

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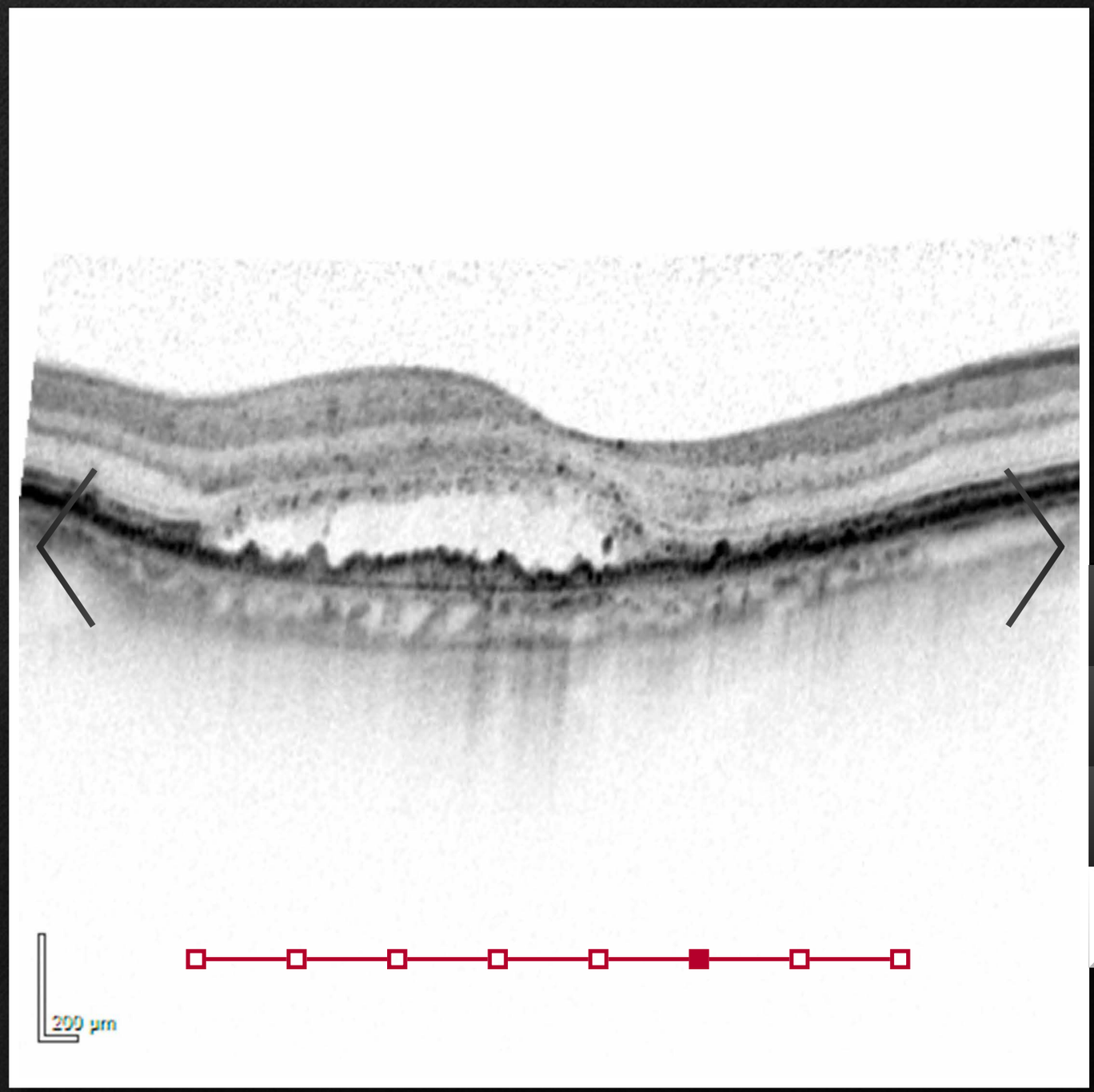

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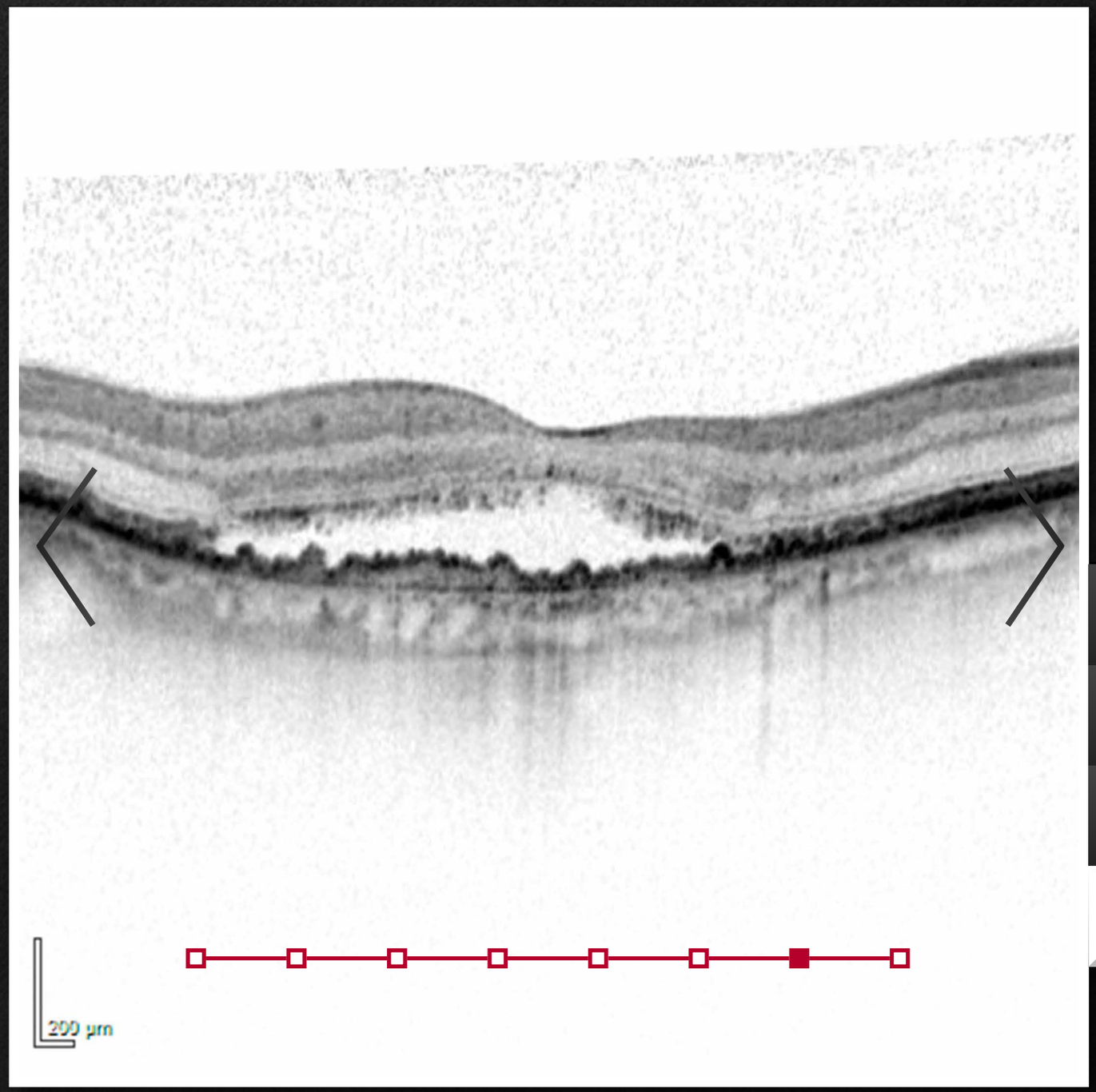

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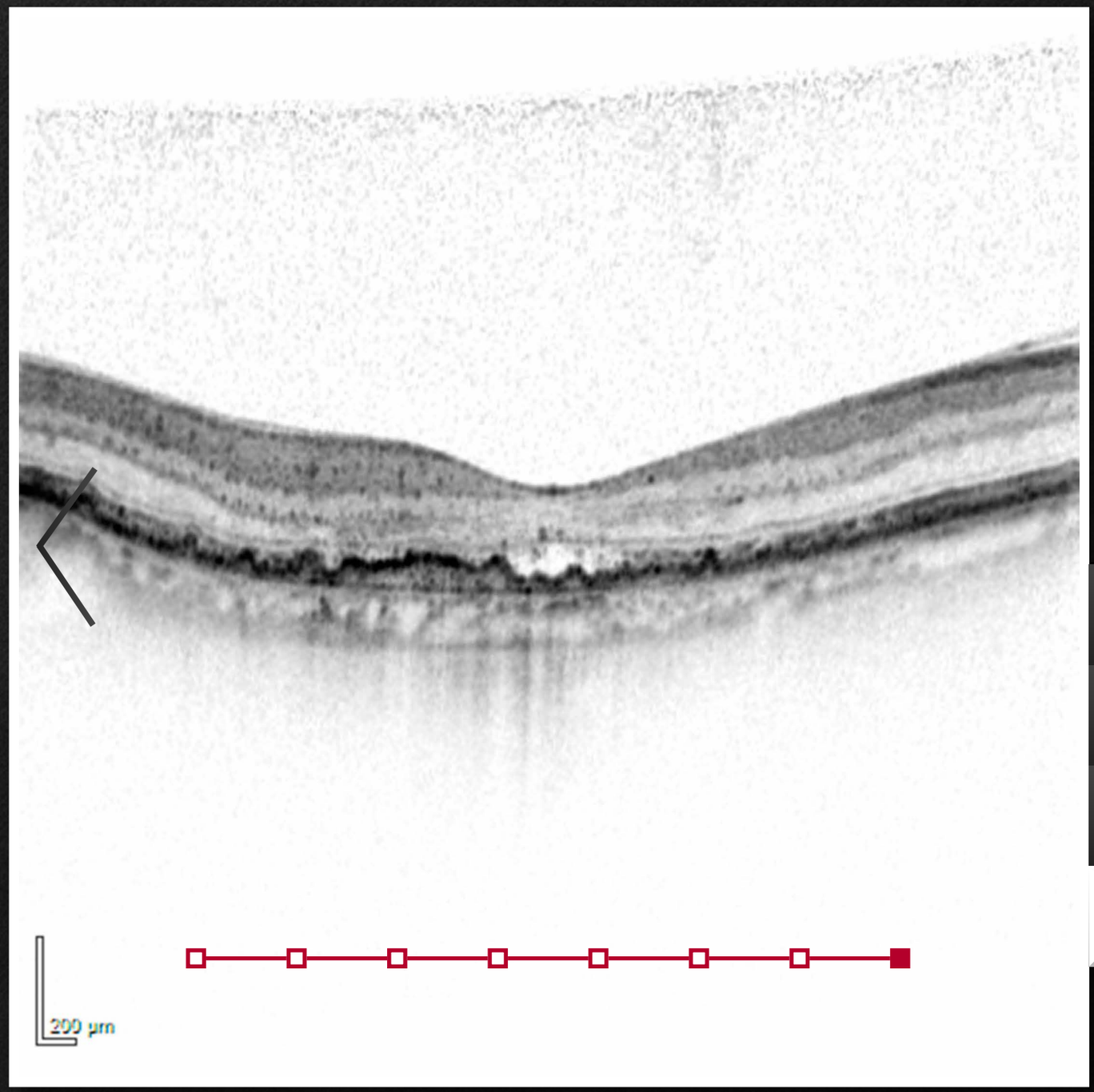

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SPECTRALIS Photos

SPECTRALIS with anterior segment lens









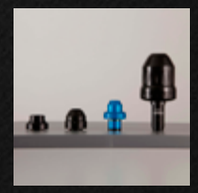

SPECTRALIS Photos

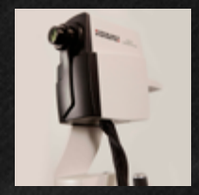
SPECTRALIS with 30° standard lens











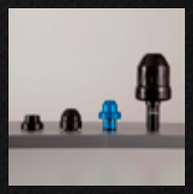

SPECTRALIS Photos

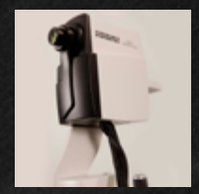
SPECTRALIS with 30° standard lens












SPECTRALIS Photos

SPECTRALIS with anterior segment lens










SPECTRALIS Photos

SPECTRALIS with 30° standard lens










SPECTRALIS Photos

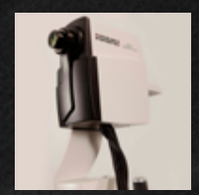
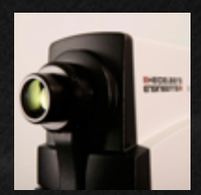
SPECTRALIS lenses:
30°, 55°, Anterior Segment, Ultra-Widefield









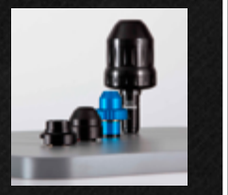



SPECTRALIS Photos

SPECTRALIS lenses:
30°, 55°, Anterior Segment, Ultra-Widefield







SPECTRALIS Photos

SPECTRALIS OCT









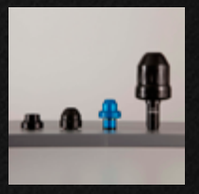

SPECTRALIS Photos

SPECTRALIS OCT










SPECTRALIS Photos

SPECTRALIS OCT