

The OCT2 Module is the next generation OCT technology for the SPECTRALIS® platform, offering enhanced image quality from vitreous to choroid. With a much faster scanning speed of 85,000 Hz, it improves clinical workflow and increases patient comfort by shortening examination times.

The OCT2 Module is ideal for advanced imaging modalities. Since it can be added to any existing upgradeable SPECTRALIS system, the OCT2 Module is a sound investment for the future.

Increased Scanning Speed

With a scan rate of 85,000 Hz, the OCT2 Module more than doubles the scan speed of the SPECTRALIS. The increased scanning speed supports efficient clinical workflows when performing comprehensive glaucoma evaluations with the Glaucoma Module Premium Edition or high resolution OCT.

“I increasingly found that the process of obtaining OCT images caused patient flow to bottleneck at my practice. With the OCT2 Module for SPECTRALIS I could reduce the imaging time for patients by more than half.” David M. Brown, MD, Houston, Texas

Retina Management – Posterior Pole Scans

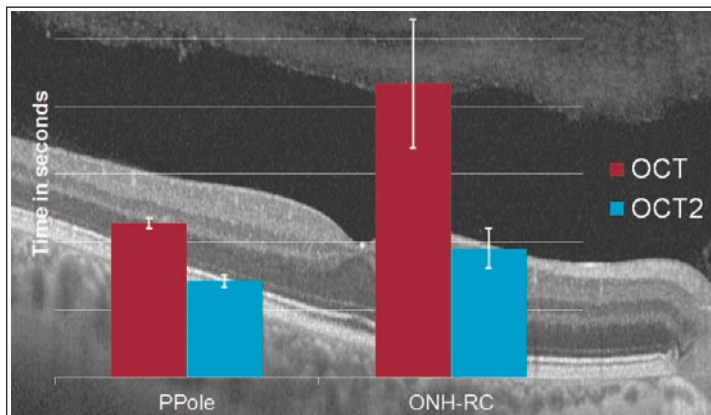
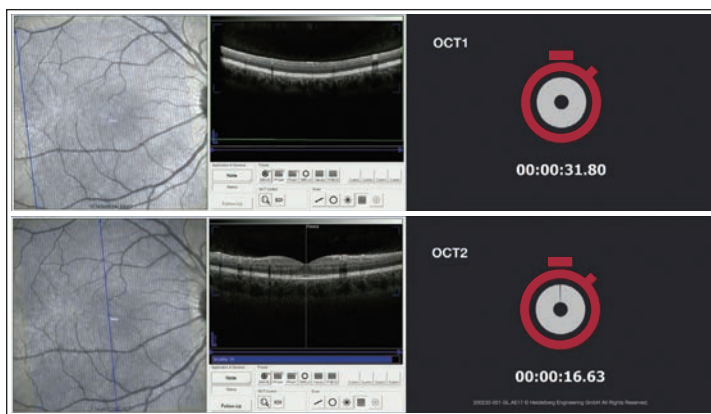
Dense, high-speed OCT2 scans of the posterior pole (PPole) deliver high resolution images that support diagnostic decision-making.

Glaucoma Management – ONH Circle Scans

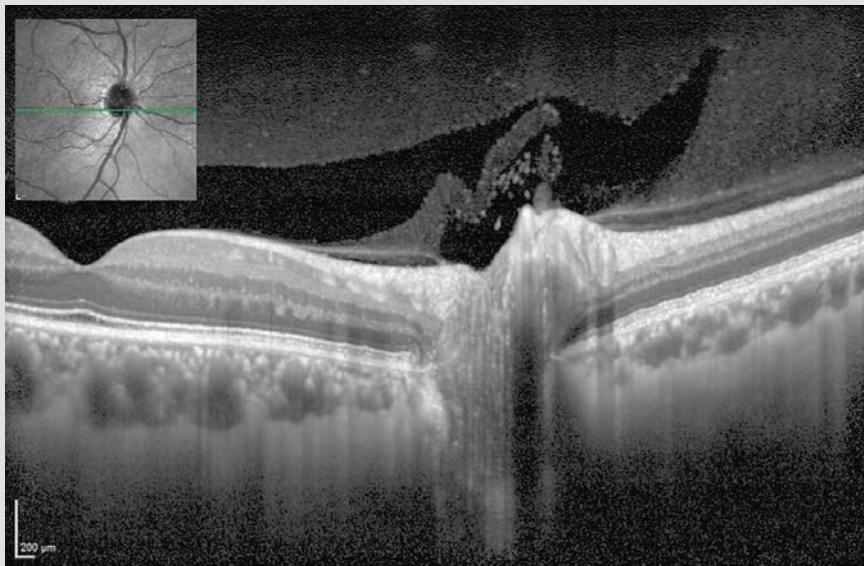
With the OCT2 Module, optic nerve head radial circle (ONH-RC) scans driven by the Glaucoma Module Premium Edition are more than 60% faster than before.

Improved Workflow Efficiency

Together with TruTrack Active Eye Tracking, the OCT2 Module reduces variability of examination time and results in a more efficient workflow.



High Image Quality from Vitreous to Choroid



The OCT2 Module provides enhanced visualization from vitreous to choroid in a single scan and delivers excellent choroidal penetration while preserving resolution in the inner retina.

En face OCT imaging with transverse sections of 6-micron lateral resolution enables the visualization of vascular structures, nerve fiber bundles, and the extent of retinal pathologies.

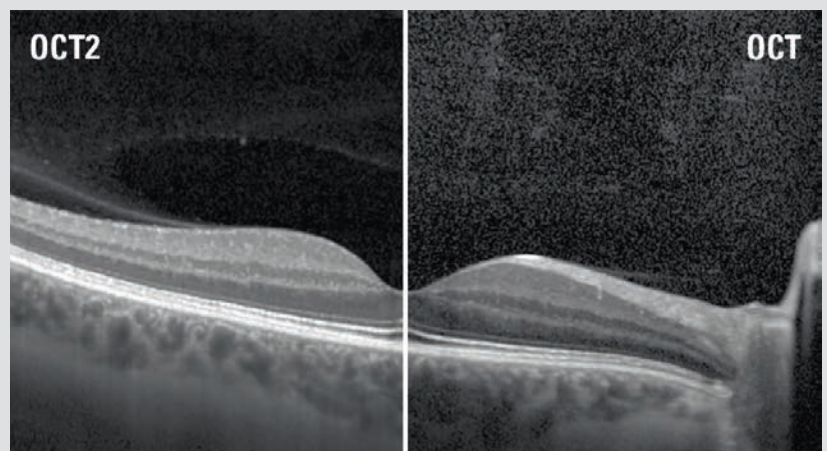
Shorter Examination Time without Sacrifice in Quality

In the ongoing evolution of spectral domain OCT (SD-OCT) technology, the OCT2 Module offers a significant step forward in clinical performance.

Compared to the standard OCT, the OCT2 Module provides noticeably faster acquisition time, while a more sensitive signal detection enhances image quality. (See comparison on the right).

The result is a substantial reduction in patient wait time and an increase in the number of patients that clinicians can see in the same amount of time.

In addition, the continuity of the SD-OCT application across generations of the SPECTRALIS platform ensures compatibility of patient data for long-term follow-ups.



An OCT image captured with the OCT2 Module (left) shows greater detail from the vitreous through the choroid as compared to an OCT of the same eye obtained with the standard OCT (right).

"The OCT2 images are much sharper, have more contrast, and have more choroidal detail than the standard OCT." Tim Steffens, University of Michigan Kellogg Eye Center, Ann Arbor, MI

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