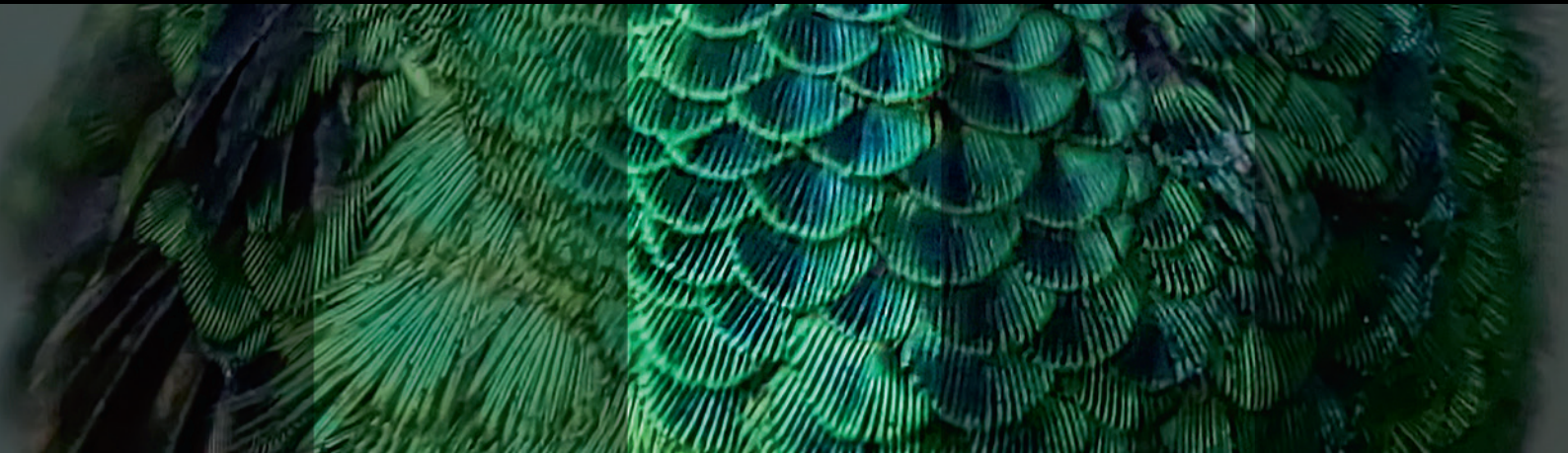


The DNA for  
Diagnostic Confidence



# SPECTRALIS SPIRIT

 **HEIDELBERG**  
**ENGINEERING** 



Your journey starts with the DNA

No matter how you configure your SPECTRALIS, you can be sure it contains the core DNA for high contrast, high resolution images that cut through the noise and give you the confidence to pinpoint pathology, identify real change and make more informed clinical decisions.

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● Upgradeable Platform

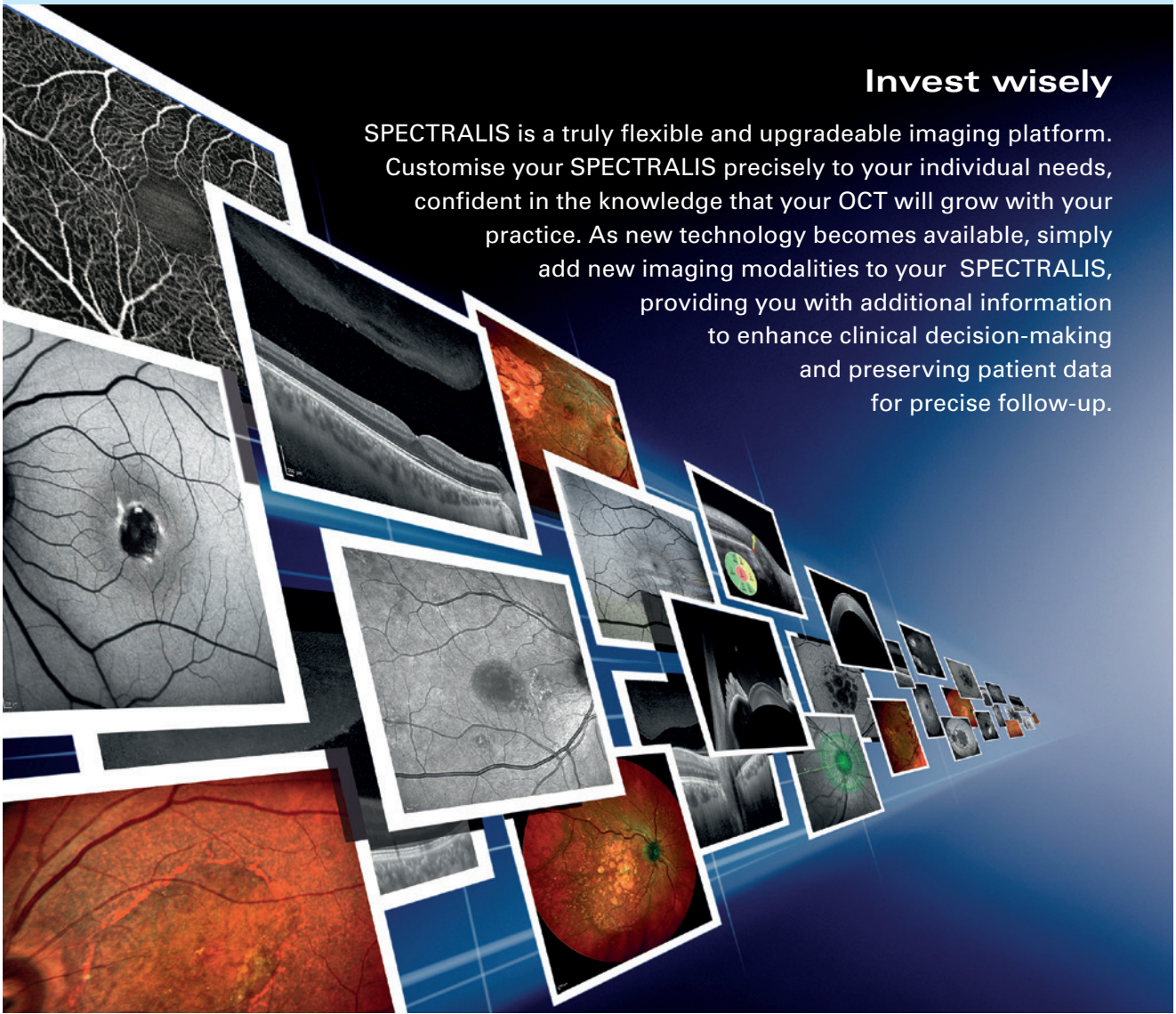


*After careful consideration of all the options, the SPECTRALIS platform is by far the most affordable OCT on the market. The upgradeable modular design allows me to add other imaging modalities, as well as new technology when it becomes available, making SPECTRALIS the only OCT I will ever have to buy.*

Peter Sanders, SPECTRALIS owner since 2016

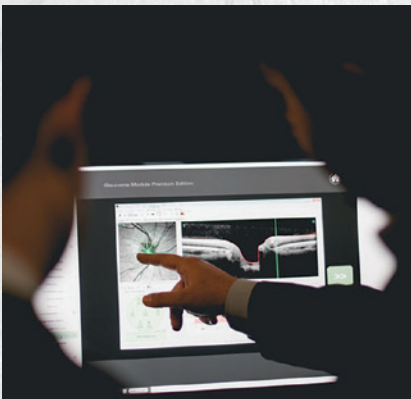
Invest wisely

SPECTRALIS is a truly flexible and upgradeable imaging platform. Customise your SPECTRALIS precisely to your individual needs, confident in the knowledge that your OCT will grow with your practice. As new technology becomes available, simply add new imaging modalities to your SPECTRALIS, providing you with additional information to enhance clinical decision-making and preserving patient data for precise follow-up.



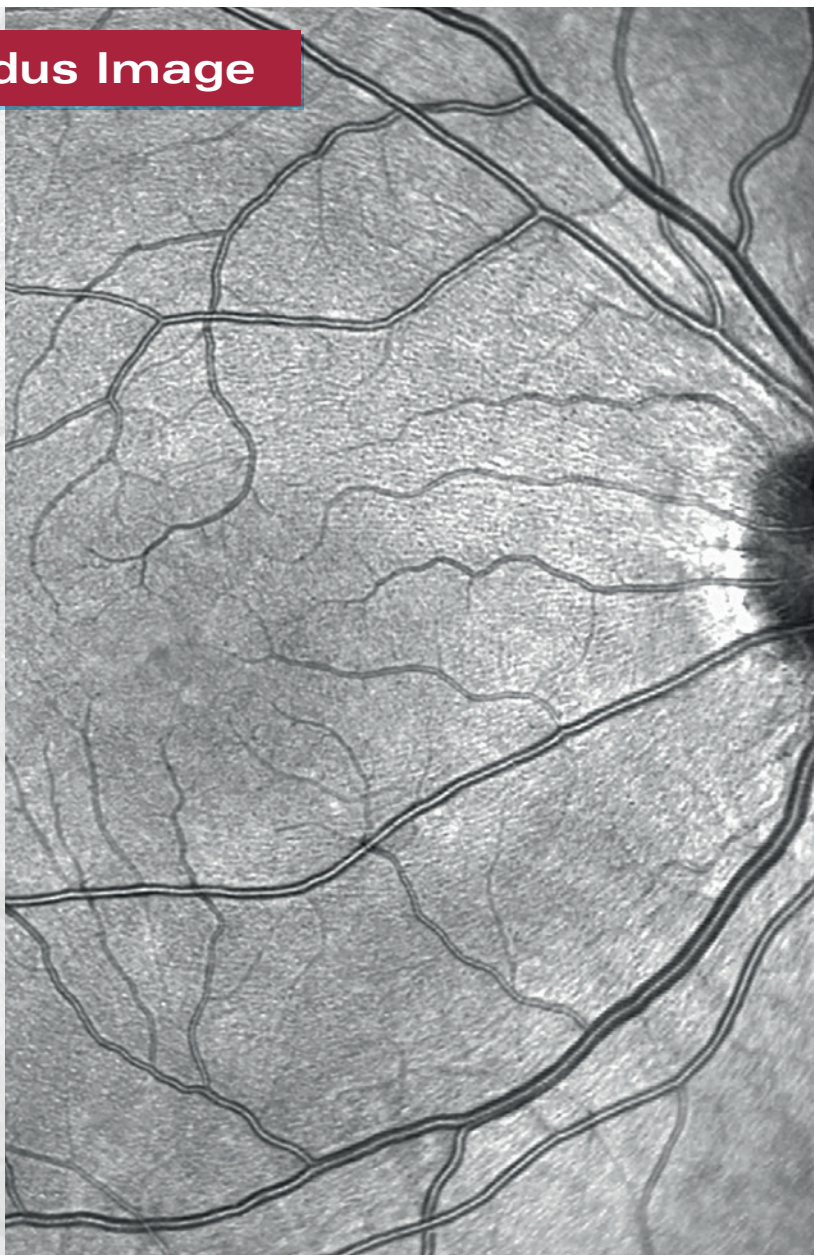


●—● Confocal Fundus Image



**Improve the patient experience**

Confocal scanning laser ophthalmoscopy (cSLO) provides high contrast, high quality images, even in challenging patients. With infrared, no pupil dilation is necessary. The confocal system provides images even in eyes with media opacities. Live fundus assessment with simultaneously-captured OCT enables you to pinpoint and capture pathology in real time, providing complementary diagnostic information.



*The SPECTRALIS has given me greater diagnostic confidence. Now we can really examine the structure of the eye and see pathology which would not be picked up by a fundus camera. SPECTRALIS finds the answers to problems that you have puzzled about for years – it unravels the structures of the eye and is as significant for me as the discovery of DNA.*

Peter Waite, SPECTRALIS owner since 2015

●—● Multi-modality Diagnostics



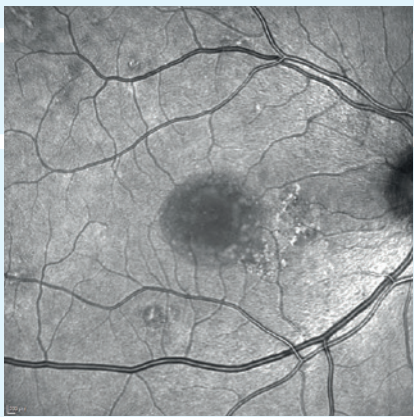
*I am more confident in recognising, diagnosing, managing, monitoring and explaining conditions to patients.*

Paul Adler, SPECTRALIS owner since 2013



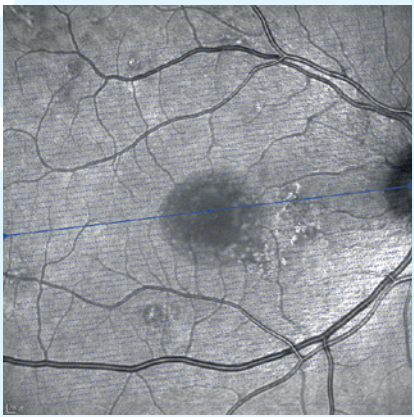
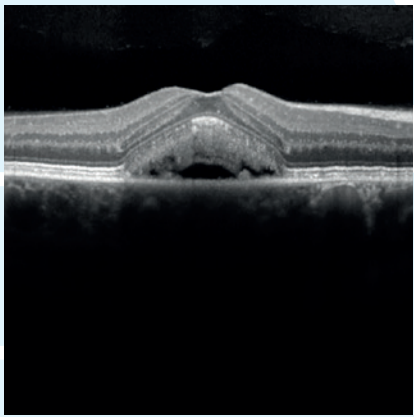
*Thanks to the SPECTRALIS we were the first in the country to establish community age related macular services, for which we won an Excellence in Ophthalmology Award. In the time we have had SPECTRALIS we have come to rely on it. We know when to refer and when not to refer so it takes away a lot of worry.*

Niall O’Kane, SPECTRALIS owner since 2009



**Refine clinical decision making**

The unique combination of imaging modalities provides the additional information you need to make confident clinical decisions. Use different, established and novel imaging techniques simultaneously to improve your understanding of different pathologies.





●—● TruTrack Active Eye Tracking

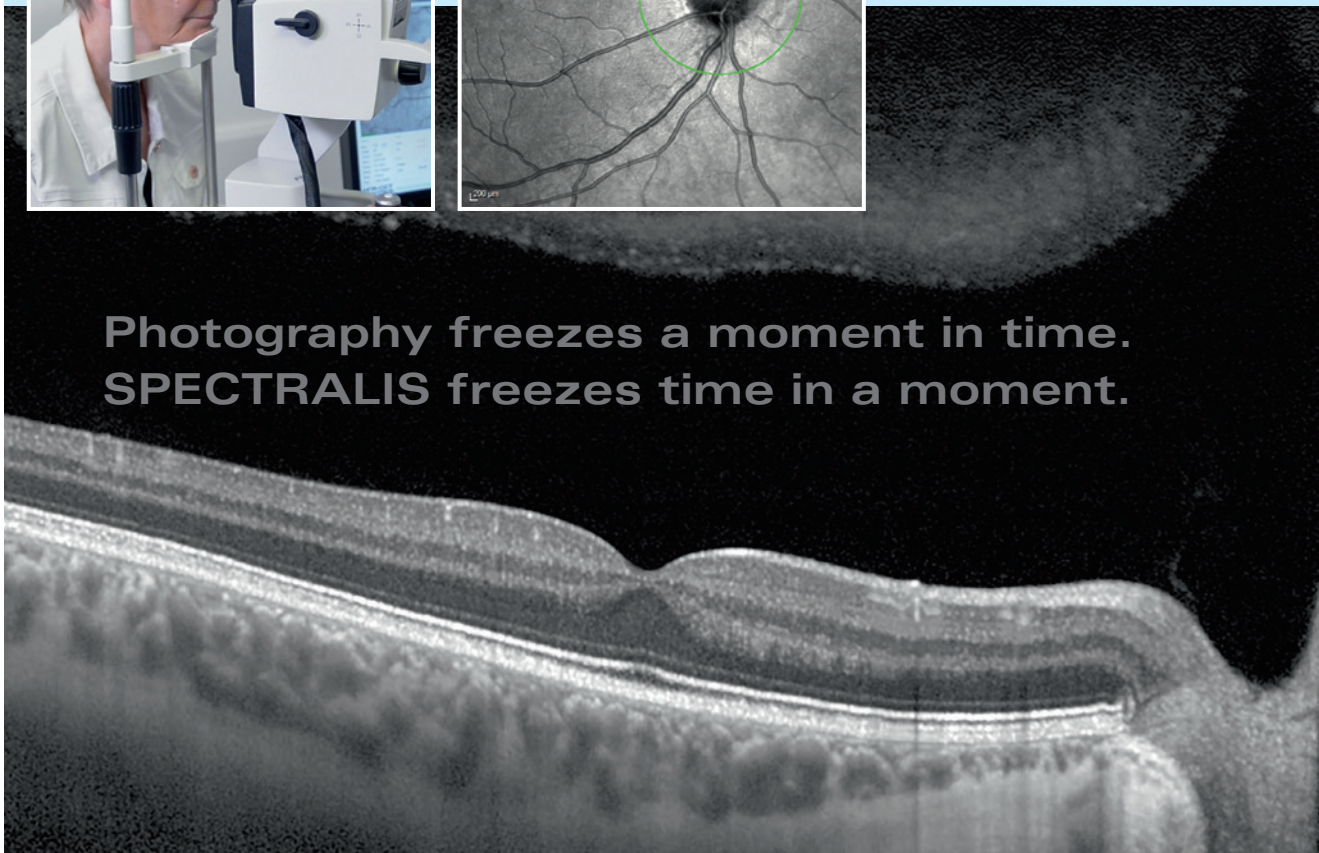
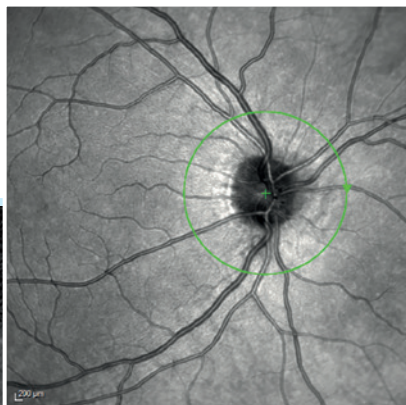
Freeze time

TruTrack Active Eye Tracking is patented technology that uses a second laser beam to actively track the eye during OCT scanning to avoid motion artifact. TruTrack effectively “freezes” the retina, allowing you to capture the precise OCT image you want, even if the patient blinks or moves. Your patient is comfortable and you are confident.



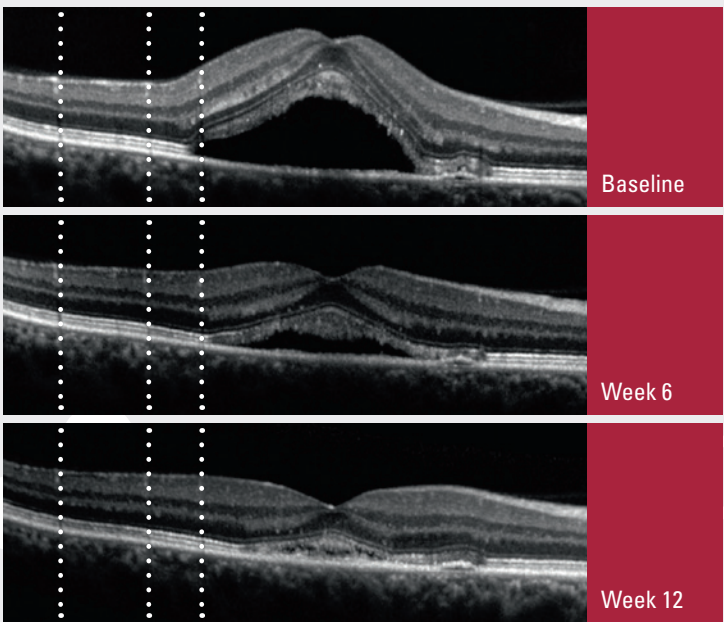
*We were attracted to the SPECTRALIS by its ease of use and the eye tracking which ensures that follow up scans are very accurate. Now that we have it, we realise how amazing this capability is – if a patient blinks or moves, the scan just picks up again in the same place in a fraction of a second.*

Mary Bramley, SPECTRALIS owner since 2015

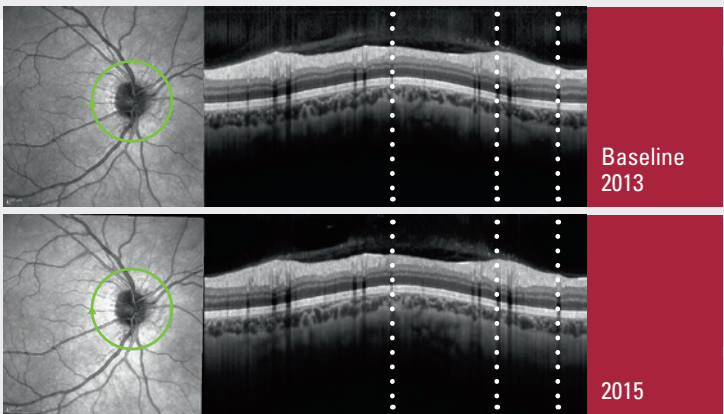


●—● Retinal Recognition

Retina



Glaucoma

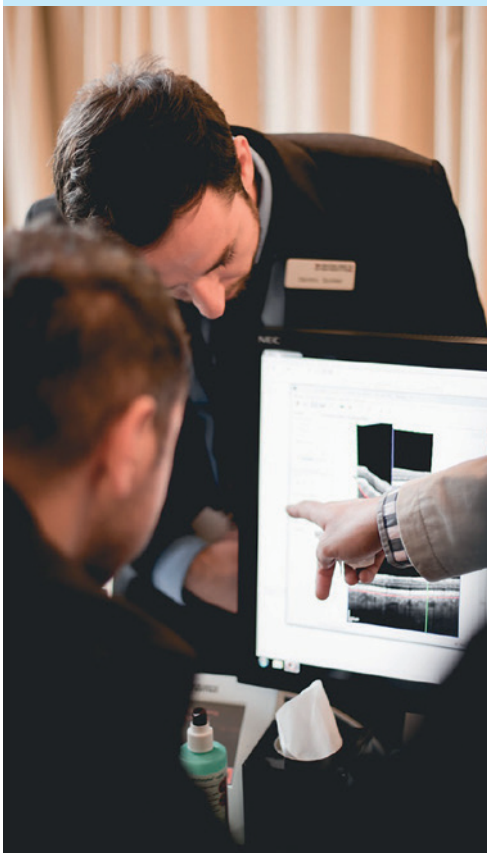


*Many eye conditions are managed by repeat measurements and comparisons to baseline measurement. SPECTRALIS ensures that I am measuring exactly the same piece of tissue each time. Without that, trying to make a comparison would be pointless.*

David Hallgate, SPECTRALIS owner since 2013

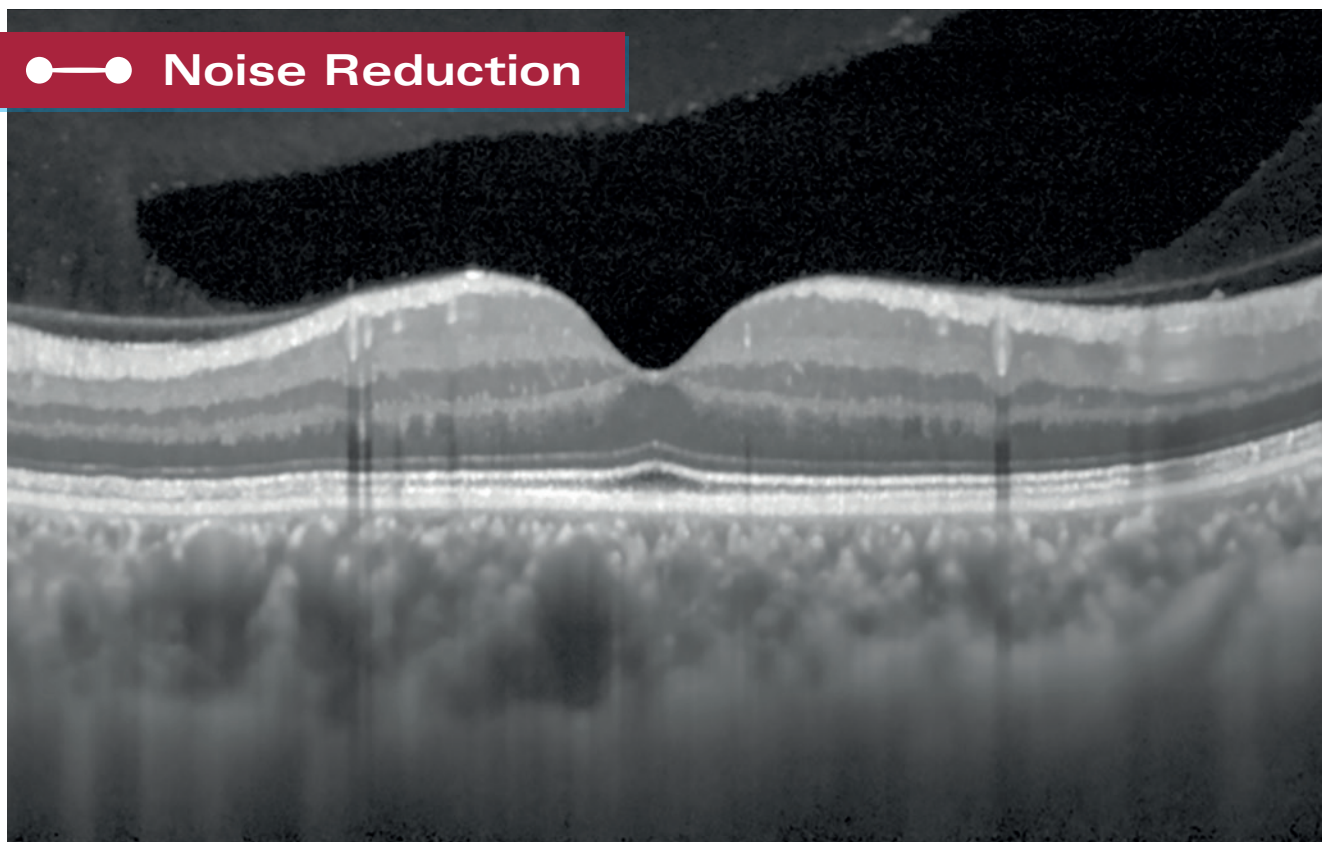
Detect real change

SPECTRALIS uses patented TruTrack Active Eye Tracking with retinal recognition technology to automatically reposition the OCT scan in the same anatomic location at follow-up for incredible accuracy. Cleverly, SPECTRALIS will never let you follow-up on the wrong patient or the wrong eye. Detect changes as small as 1 micron and confidently monitor disease progression over time.





Noise Reduction



Pinpoint pathology

Thanks to TruTrack Active Eye Tracking, SPECTRALIS averages up to 100 B-scans live in front of your eyes even in a volume scan. This provides you with high resolution images from vitreous through to choroid that enable you to pinpoint pathology.



*We were looking to purchase an OCT and tried them all. We were blown away by the SPECTRALIS. There is no comparison in the quality of the images, compared to everything else we saw.*

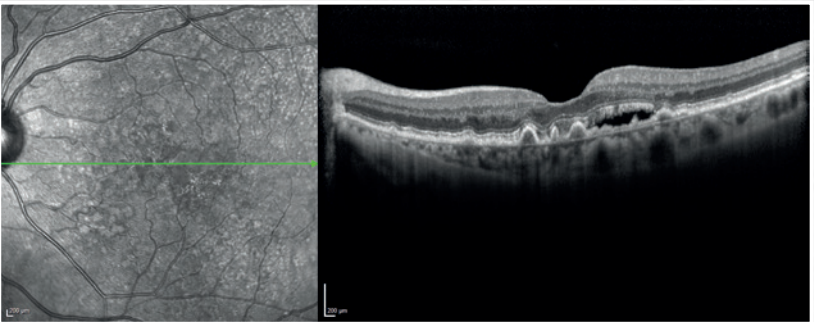
Alisdair Buchanan, SPECTRALIS owner since 2013

10 Layer Visualisation



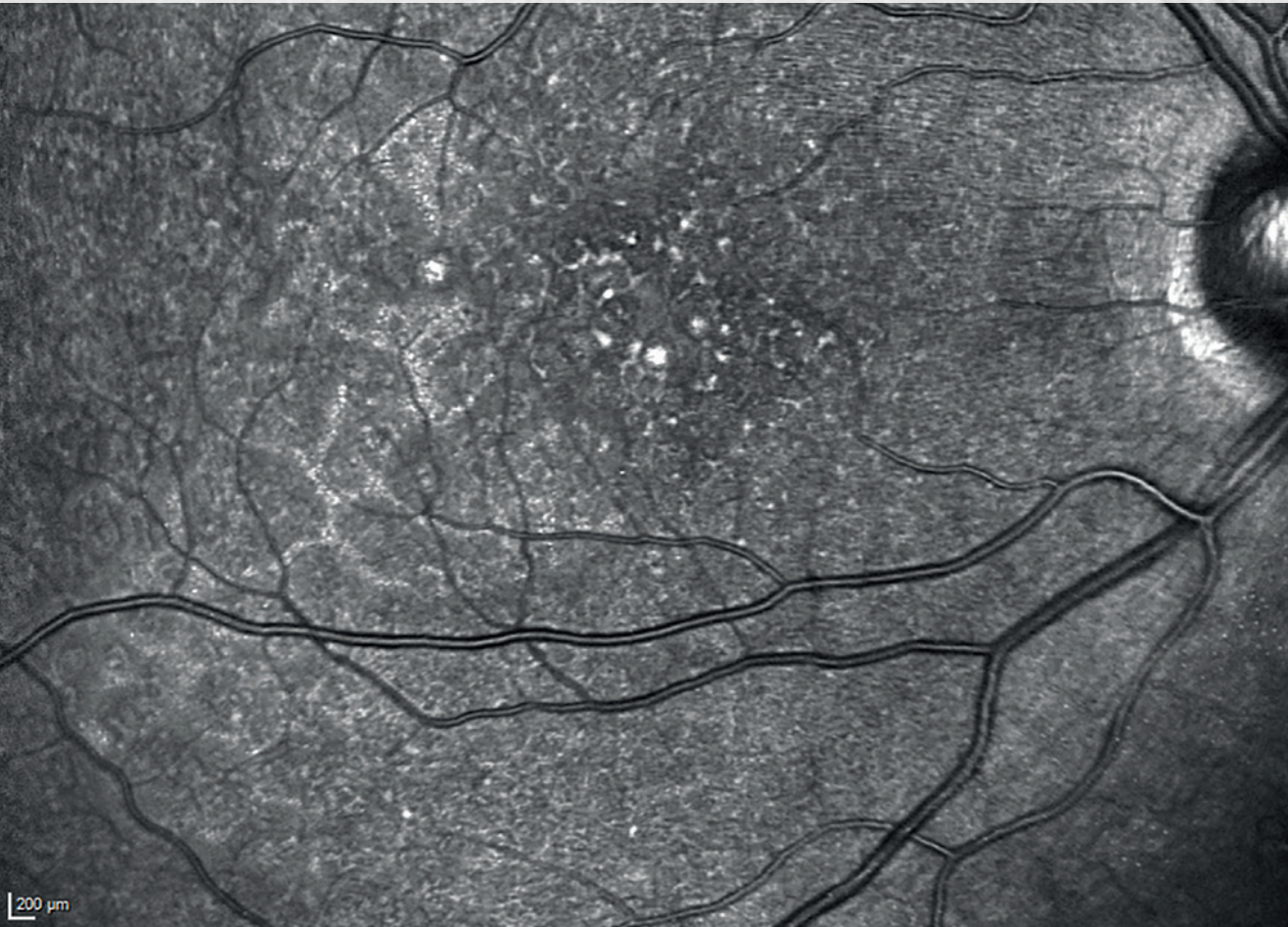
*The tremendous attention to detail of the SPECTRALIS makes it a very valuable tool.*

John Rose, SPECTRALIS owner since 2011



Don't miss a thing

SPECTRALIS provides you with high resolution OCT images for visualisation of 10 retinal layers, to help you confidently describe and pinpoint pathology.





●—● Build your Confidence

If you are new to OCT, with the SPECTRALIS SPIRIT you can begin with just the essentials



**Simple**

**Learn to operate the SPECTRALIS SPIRIT in less than 15 minutes.**

Designed to meet the demanding requirements of a busy High Street practice, the new streamlined user interface makes it easy to get stunning images first time with just 3 clicks, even in challenging patients. You will be able to interpret and explain simple, intuitive reports in no time.

LIVE high resolution image capture, even through undilated pupils and cataracts, means you will feel comfortable and confident within minutes. The LIVE infrared image will provide complementary diagnostic information you cannot see with your fundus camera. Integrate your existing pre-screening devices and migrate your legacy fundus images for easy viewing all in one place.

**Smart**

**Identify as little as 1 µm of change, never follow-up on the wrong patient.**

Automatically customised to the patient's own anatomy, the glaucoma scan is the most sensitive and specific early indicator of glaucoma. This scan has been designed to catch the earliest signs of glaucoma and ensure correct referrals into the health service. The macula scan visualises 12 individual layers of the retina with stunning high-definition detail throughout the entire volume.

When the patient returns, SPECTRALIS SPIRIT uses retinal recognition technology to lock onto the patient's retina and follow-up in the exact same location to measure as little as 1 micron of change over time. This level of accuracy ensures a low rate of false positives.

●—● Build your Confidence

**Discover the power and flexibility of multi-modality imaging with SPECTRALIS.**

No matter how simple you start, every SPECTRALIS is instantly recognisable because we build it with the core DNA needed for confident clinical decision making. Ease of use and simple, clear presentation of results are assured so that you can concentrate on refining your referrals, improving patient care and making a return on your investment.

**SPECTRALIS  
SPIRIT**

- Semi-automated workflow
- 3 click exam
- Automated report generation
- Smart iPad review

**Small**

**Space isn't an issue.**

Surprisingly small and flexible, you can configure your ideal setup with a host of compact table and computer options designed with the smallest of practices in mind. No additional hardware is necessary in the consulting room with wireless web browser technology that lets you view patient images on a monitor or iPad anywhere in practice. cSLO technology allows you to get images through small pupils in any lighting conditions for even greater flexibility.

**Speed**

**Transform the patient journey.**

The SPECTRALIS SPIRIT allows you to choose the speed of your engine. OCT2 doubles the speed to deliver depth of imaging comparable to swept source without sacrificing resolution in the inner retina.

**Sensible**

**Peace of mind.**

Starting with just the essentials, you can afford to be confident with the SPECTRALIS DNA built in. The smaller upfront investment and upgradeable design of the SPECTRALIS SPIRIT means that you can grow your confidence and position yourself perfectly to take advantage of community shared care opportunities in the future.

**Support**

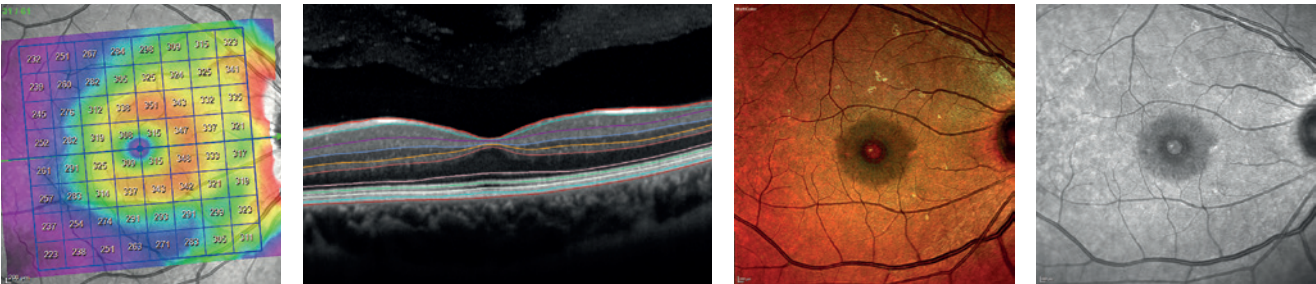
**Trust the experts.**

Heidelberg Engineering holds your hand as you embed this new technology into a retail practice. We are imaging experts in partnership with you, supporting you every step on the way. Our Academy provides a comprehensive educational programme tailored to all learning styles. Online learning resources help your team to learn at their own pace.



●—● Build your Practice

The true potential of multi-modal diagnostic imaging awaits you



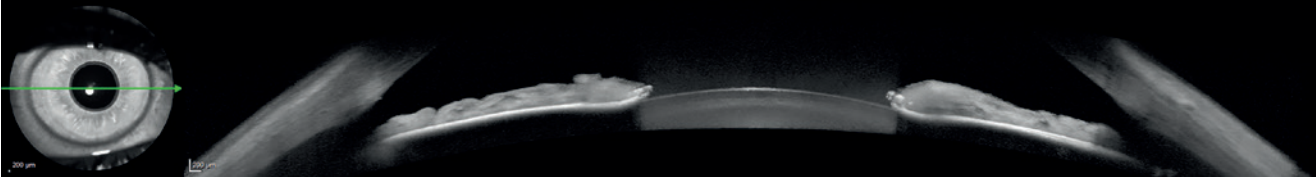
When you convert to the full functionality of SPECTRALIS OCT you unleash the power and flexibility of the HEYEX 2 image management system and amazing flexibility of cSLO multi-modality imaging\*.

SPECTRALIS®

\*Patient data will not be carried across when you convert from SPECTRALIS SPIRIT to SPECTRALIS OCT.

**Complete scanning flexibility**

The unique combination of cSLO laser imaging and OCT allows you to adjust every aspect of the scan. Choose the type, density, position, size, and axis to help you to pinpoint pathology and acquire more detailed information to refine your clinical decisions. Create and save preset scanning protocols customised to patient demographics. Go beyond the basics by using enhanced and full depth imaging functionality for more detail in the vitreous and choroid. The transverse section analysis also gives you an enface view of the retinal structure. The Anterior Segment Module can help measure the anterior chamber angle relevant for the diagnosis of narrow angle glaucoma. With 9 internal fixation targets and an external fixation light, you can create widefield fundus montages that provide insight into the periphery.



●—● Build your Practice



**Dynamic visualisation**

HEYEX 2 builds a multi-modal case history, delivering a complete, diagnostically relevant picture of the patient. With 3D OCT animation and infrared movies, you can educate your patients and improve patient compliance. Visualise 10 layers of the retina and manually adjust the segmentation with clever tools in HEYEX 2 for a higher level of accuracy and analysis. Use the flicker feature to observe real change between visits.

**Detailed and accurate analysis**

HEYEX 2 is a feature-rich clinical tool that offers interactive image manipulation, measurement and annotation, onscreen analysis and customised comparison of images supporting you as you grow the clinical side of your practice. Visualisation of the optic nerve head analysis and a comprehensive approach to glaucoma management gives you the confidence to monitor patients in the community.

**Comprehensive reporting**

The one click import export facility allows you to share data quickly and easily. With the image lightbox, you can select images to view, compare and report. The comprehensive reports package gives you a host of formats to match your individual preferences.

**Robust healthcare IT functionality**

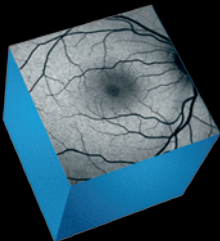
HEYEX 2 role-based access and workflow engines streamline training and ensure a high level of security. HEYEX 2 can seamlessly integrate with most patient management systems, giving the perception of an all-in-one solution. HEYEX 2 makes it possible to integrate many third party DICOM and non-DICOM devices to streamline workflow and enhance the patient experience.



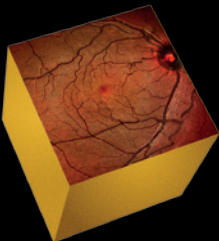
●—● Build your SPECTRALIS

Add multi-modal diagnostics  
for referral refinement

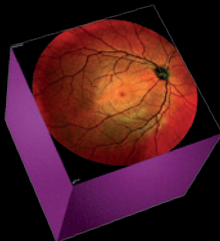
When you have converted to the full functionality of SPECTRALIS, it is easy to add additional modules that enhance clinical decision making.



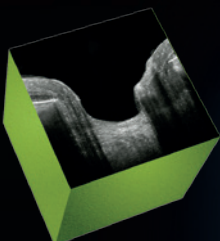
**BluePeak Module**  
Provides a map of the retina which can reveal metabolic malfunction of diagnostic significance in many conditions, such as AMD.



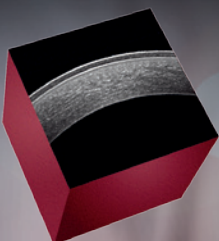
**MultiColor Module**  
Uses three laser wavelengths simultaneously for structural detail and clarity not available through traditional fundus photography.



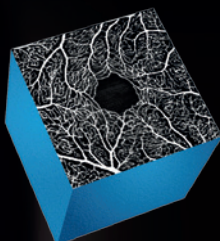
**Widefield Imaging Module**  
Widefield fundus and OCT imaging simplifies diagnostic protocols and facilitates detection of peripheral pathology.



**Glaucoma Module Premium Edition**  
Comprehensive analysis of the ONH, RNFL and GCL customised to the patients individual anatomy.

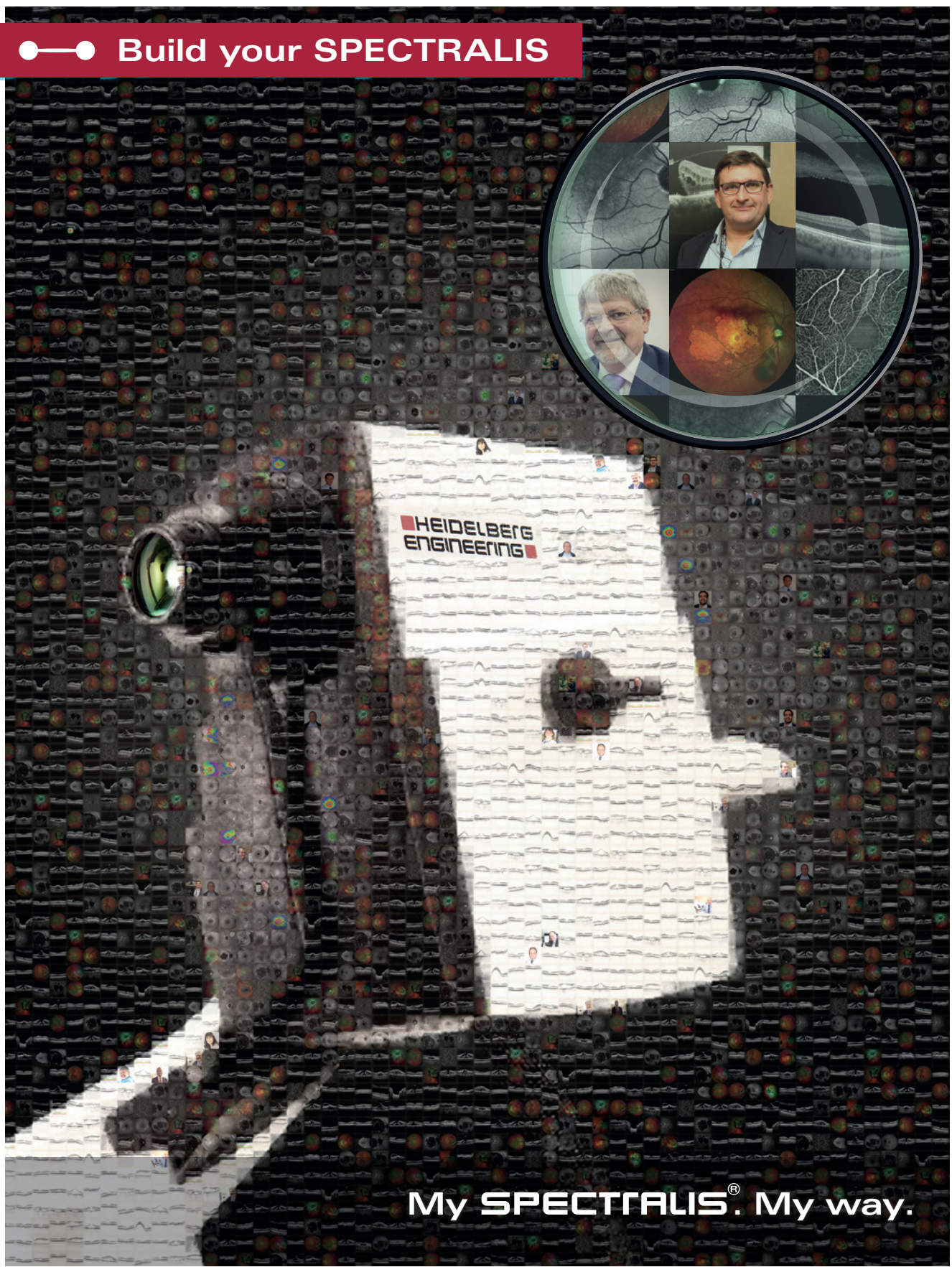


**Anterior Segment Module**  
High resolution images on the cornea, sclera and anterior chamber angles.



**OCT Angiography Module**  
Non-invasive imaging that provides a three-dimensional depiction of retinal vascular flow with versatility in field of view, scan speed, and image resolution.

●—● Build your SPECTRALIS



My SPECTRALIS®. My way.





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