

# THE CLINICAL COCKPIT

Next generation multimodal imaging with the ZEISS Integrated Diagnostic Imaging platform

Ophthalmic practices today depend on new technologies that enable more effective and efficient chronic disease management. Doctors need faster transition of meaningful innovation into their practice. The implementation of multimodal imaging, although a boon, has presented a challenge because acquiring data from separate devices, organizing it efficiently, and integrating and correlating the data into a single point of view, has been increasingly difficult to achieve in practices.

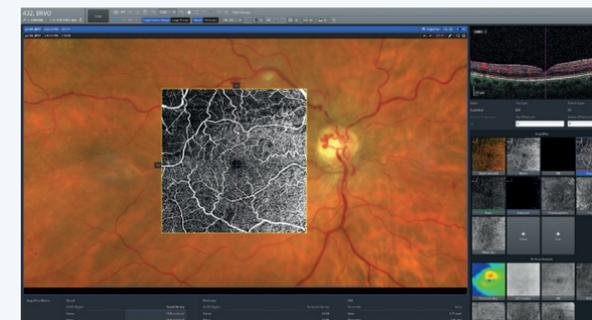
Enter the **Integrated Diagnostic Imaging platform from ZEISS**, the first software-driven multi-modality solution that gathers, combines and associates data from different diagnostics devices, improving decision making and efficiency.

In one picture, and in just seconds, the Integrated Diagnostic Imaging platform turns raw imaging data into comprehensive insight critical to understanding the best way to manage your patient's condition.

- ✔ Capture quality data from gold-standard devices
- ✔ Transform the data into insight
- ✔ Apply the insight to your daily clinical practice



## Retina



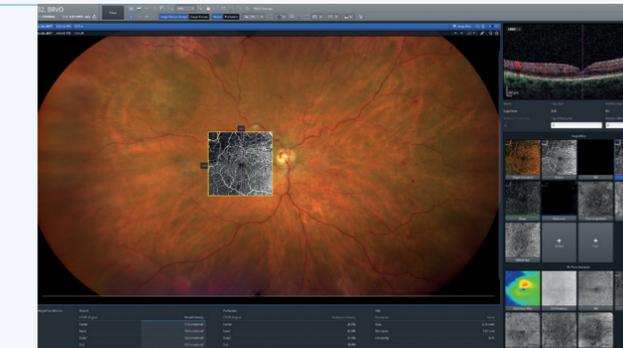
Integrated view: OCT angiography (OCTA) and ultra-widefield fundus imaging

### Case Study

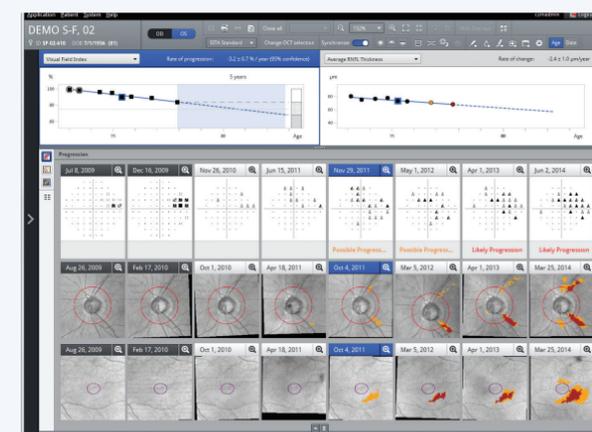
This 64-year-old caucasian male had a history of a resolved branch retinal vein occlusion (BRVO). The software-driven Integrated Diagnostic Imaging platform provides a unified approach to help clinicians make comprehensive and informed treatment decisions.

For cases such as this, the platform allows clinicians to:

- a) see integrated OCTA and ultra-widefield fundus imaging data on a single screen, enabling them to visualize pathology – deep and wide – all at the same time
- b) interact with this integrated data, and perform multiple analyses, such as macular thickness analysis, while simultaneously comparing change and correlating data points across visits
- c) perform a comprehensive review of the separate imaging data on one screen, which decreases review time and increases efficiency, giving clinicians more time to discuss the condition with their patients.



## Glaucoma



Side-by-side progression data from CIRRUS HD-OCT and HFA. The ZEISS Integrated Imaging platform helps guide assessments by spotlighting changes in progression

This example illustrates damage that is affecting the eye's function (HFA) and structure (OCT) concurrently. Both show typical glaucomatous damage expanding in the superior nasal hemifield (reflected in the inferior hemifield on the OCT). The trend analyses for both structure and function show continuous progression; an indicator that treatment for this patient may need adjustment to minimize further loss.