HRT 3 RCM

Revitalized. Timeless.

Reexperience High-Resolution Corneal Images

HRT3 RCM is a compact ophthalmic device that utilizes confocal scanning laser microscopy to provide high-resolution in vivo images of the cornea, the conjunctiva or the limbus at the cellular level.

Broad Spectrum of Clinical Applications

With the unique ability to investigate the cornea layer-by-layer, the HRT3 RCM offers a broad spectrum of clinical applications, including:

- Refractive procedure assessment (pre and post)
- Dry eye disease
- Diabetic neuropathy
- Infectious corneal diseases
- Corneal dystrophies
- Monitoring of contact lens wear

Empowers Researchers and Clinicians

HRT3 RCM empowers researchers and clinicians to do more for patients through an in vivo microscope with a broad spectrum of clinical applications that delivers time-tested Heidelberg image quality and a streamlined workflow. Clearly, the HRT3 RCM has practical application for both scientific research and daily clinical practice.

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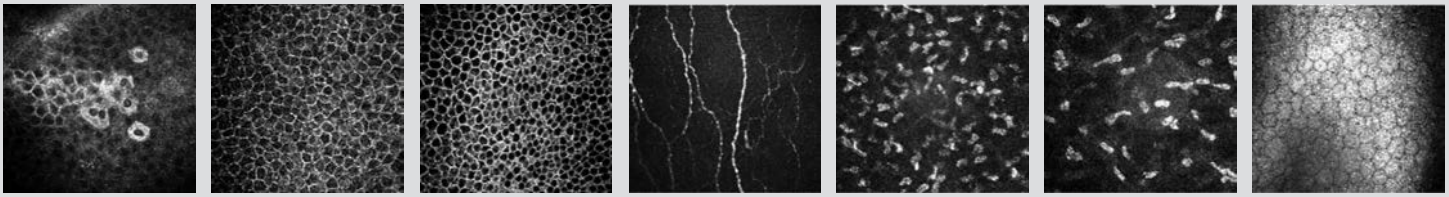
Heidelberg Image Quality



(RCM images of the different layers of a healthy cornea. Images courtesy of Prof. R. Guthoff, MD, Prof. J. Stave, PhD, A. Zhivov, MD, Rostock/Germany.)

Utilizing the unique and proven qualities of confocal laser scanning microscopy, the HRT3 RCM scans the cornea with a field of view of up to 400 X 400 microns. This high-resolution enables the user to navigate through all corneal layers, identify keratocytes subpopulations, and visualize the corneal subbasal nerve plexus. HRT3 RCM delivers the resolution patients rely on for optimized treatment and care.

Streamlined Workflow

The renewed HRT3 RCM integrates the HEYEX 2 image management software, which enables new functionalities for streamlined workflows like:

- Automated report generation
- Archiving
- Drag-and-drop digital exports for sharing data

With these added features, users can access information faster, allowing for less time to be spent on data management and more time spent focusing on patients.

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