How can we get multimodal imaging?

The NAVIS-EX registration function combines, registers and overlays the OCT and microperimetry into one display.

Using retinal vessels as landmarks to ensure accurate image overlay (manual)

NAVIS-EX is standard software included in the RS-3000 Advance OCT and MP-3 microperimeter.

Evaluate retinal structure and function simultaneously using combined OCT and Microperimetry images

Multimodal Imaging
Structure & Function

The automatic microperimeter with a non-mydriatic fundus camera
> Wide measurement range
> Auto tracking and auto alignment
> Fixation test

NIDEK CO., LTD.

HEAD OFFICE
[Details]

Multimodal Imaging_101301
Various OCT modalities can be registered with Microperimetry

Structure

OCT-Angiography + Microperimetry

Function

OCT-Angiography + Microperimetry

Cases

AMD Age-Related Macular Degeneration

OCT-Angiography + Microperimetry (Outer retina)

OCT-Angiography + Microperimetry (Choroid)

DME Diabetic Macular Edema

OCT-Angiography + Microperimetry

(Optical vascular domain)

Glaucoma

OCT-Angiography + Microperimetry

(Normative DB + Micrperimetry)

Thickness Map + Microperimetry

Images courtesy of Prof. S. Rizzo, MD and Dr. D. Bacherini, MD, University of Florence, Italy

Multimodal Imaging will change your practice

The simultaneous assessment of retinal structure and function assists diagnosis by allowing for a multifaceted evaluation of complicated vitreoretinal pathologies.
Various OCT modalities can be registered with Microperimetry

**Structure**

*Normative DB*

*OCT-Angiography*

*Thickness Map*

**Function**

*Microperimetry*

*OCT-Angiography + Microperimetry (Superficial capillary)*

*OCT-Angiography + Microperimetry (Deep capillary)*

Images courtesy of Prof. S. Rizzo, MD and Dr. D. Bacherini, MD, University of Florence, Italy

**Cases**

**AMD** *Age-Related Macular Degeneration*

*OCT-Angiography + Microperimetry (Outer retina)*

*OCT-Angiography + Microperimetry (Choroid)*

**DME** *Diabetic Macular Edema*

*Normative DB + Microperimetry*

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**Glaucoma**

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Evaluate retinal structure and function simultaneously using combined OCT and Microperimetry images.

Product / Model name: Optical Coherence Tomography RS-3000 Advance
Microperimeter MP-3

Specifications may vary depending on circumstances in each country.
Specifications and design are subject to change without notice.