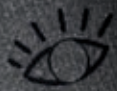


maia

Macular Integrity Assessment



The ideal tool for early detection and monitoring of AMD.

presenting
maia



1 Thanks to its scanning laser based optical system, MAIA™ operates with a **minimum pupil diameter of 2,5 mm**, thus not requiring the use of dilating drops.

2 Ergonomic clicker.

3 MAIA™ offers great ergonomic advantages, in terms of easy interaction between the operator, the patient and the device. MAIA's testing and imaging capabilities are simply controlled by the use of the touch screen and of a two buttons keypad.

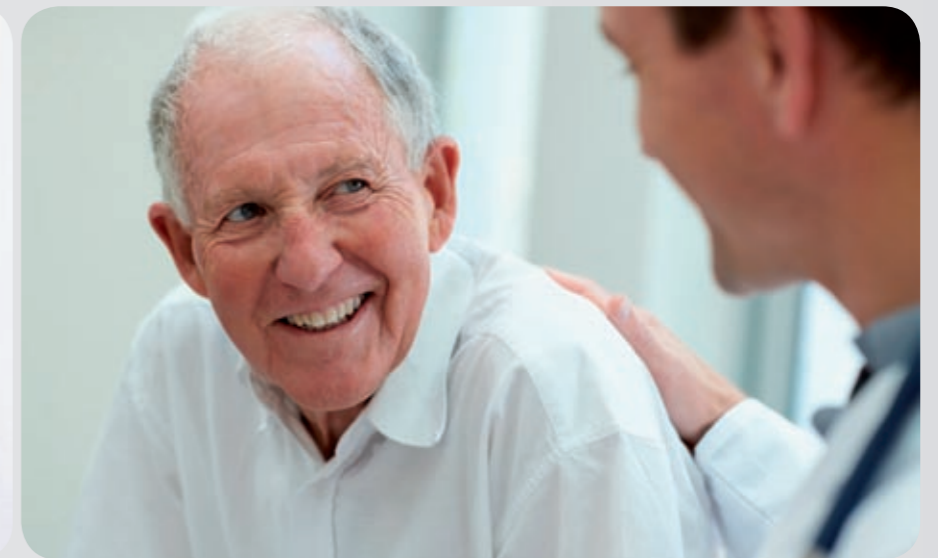
EyedB™

4 MAIA™ incorporates an advanced statistical package, EyedB™, providing an immediate and intuitive comparison of the results with the corresponding normal values.

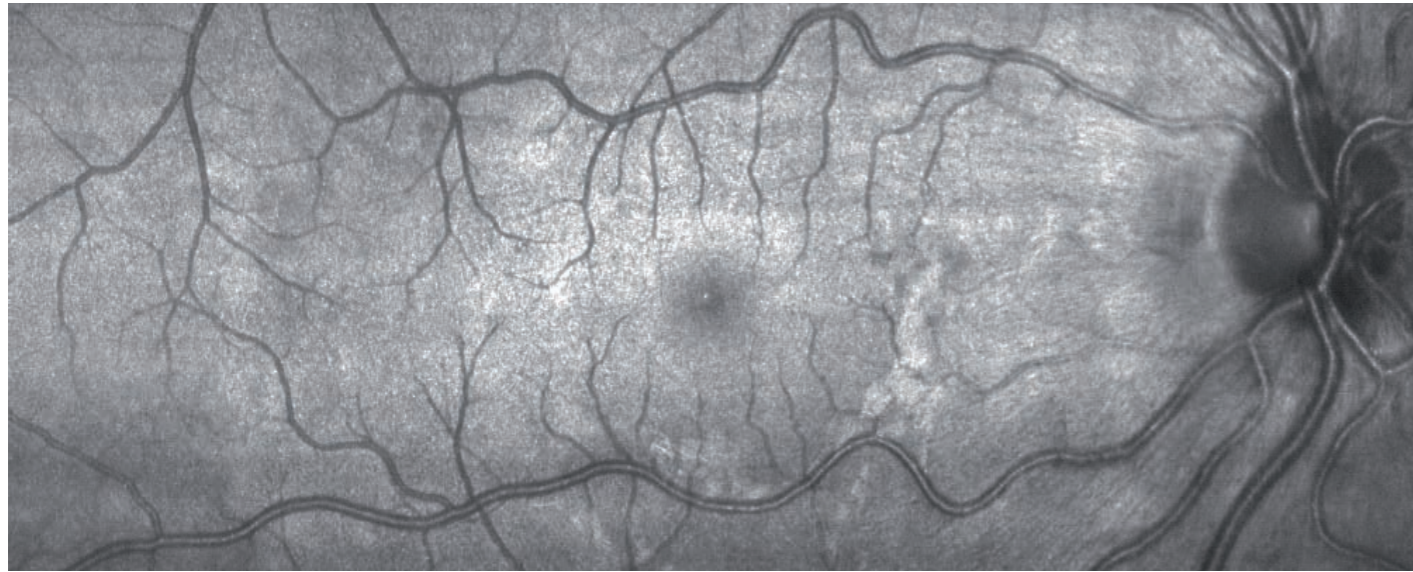
MAIA, the new frontier of Fundus Perimetry (microperimetry) assesses the function of the macula representing an effective clinical tool for the early detection and follow-up of macular degenerations and other pathologies of the retina. MAIA incorporates a Line scanning Laser Ophthalmoscope (SLO), providing clear and detailed retinal images. Thanks to the EyedB analysis software, MAIA processes the measured data and rapidly evaluates macular function as Normal, Suspect or Abnormal. Through its precise eye-tracker, MAIA also provides a quantitative analysis of the patient's fixation in terms of stability and location.

Benefits

Ease of Use. Accurate Analysis. Comparative Screening Function. Patient Comfort. Patients can be tested in less than 3 minutes per eye. Helps monitoring the course of retinal diseases and the efficacy of treatment. MAIA has proved over 90% sensitivity and specificity in the detection of early and intermediate age related macular degeneration.



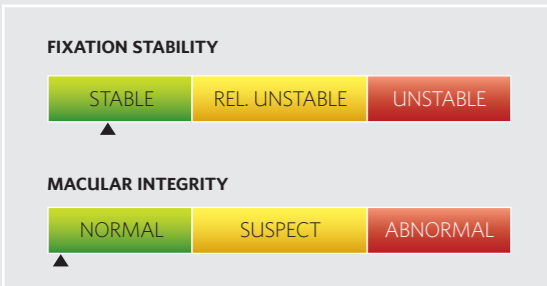
diagnostic tests



Retinal imaging The confocal properties of the scanning laser ophthalmoscope provide high resolution images of the retina under infrared light throughout the test. Furthermore, opacities of the media, such as floaters in the vitreous and cataract, do not significantly degrade the image, although they may be visible.

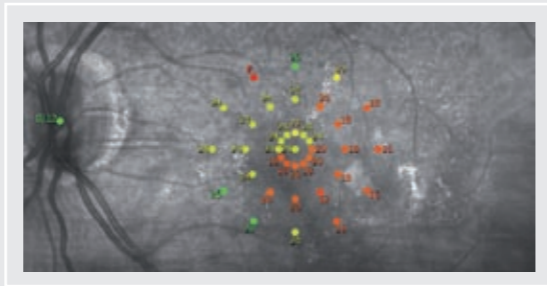


Fast test



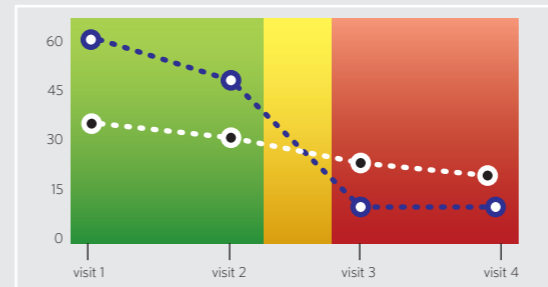
For a fast and easy assessment, in less than 3 minutes per eye, MAIA measures 36 points over a 10 degrees area to evaluate the sensitivity of the macula. The included EyedB software compares the results with a reference database of normal subjects to provide color coded outcomes.

Expert test



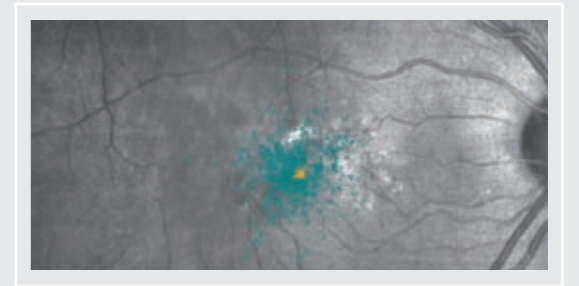
Evaluates macular threshold at multiple measurement points for a complete and detailed test. Results include functional indices for macular threshold and fixation stability. Multiple measurement grids can be selected in addition to the standard one. Measurement points can be customized for patient needs.

Follow-up test



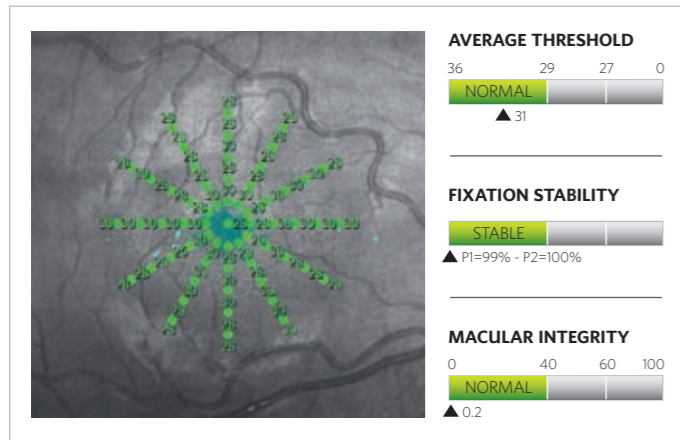
To measure functional changes due to the disease and/or retinal treatment, MAIA accurately re-tests the same points that have been measured in the baseline test and outputs a graph of the results plotting the sequential changes in macular sensitivity and fixation stability.

Fixation stability test

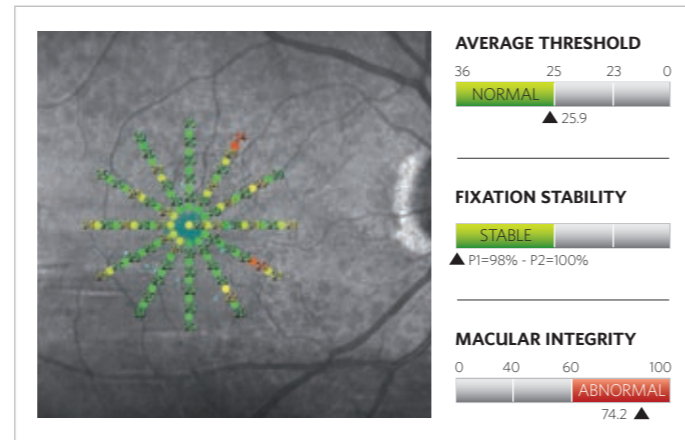


While threshold measurements are taken, the built-in eye-tracker simultaneously monitors fixation, hence allowing automated compensation of eye movements during the test and conversely providing a quantification of the patient's fixation stability and preferred retinal locus of fixation (PRL).

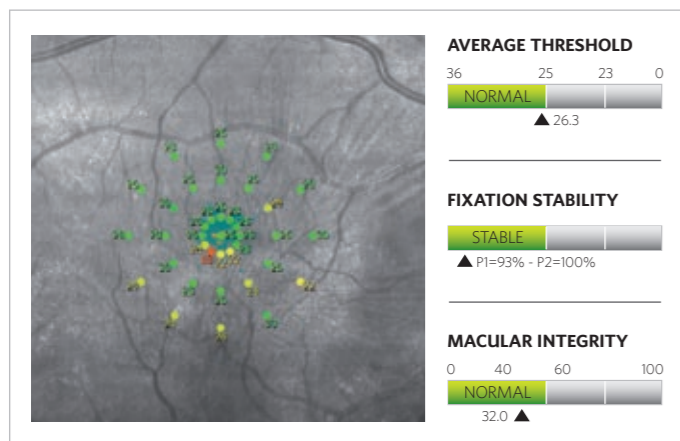
NORMAL STATUS



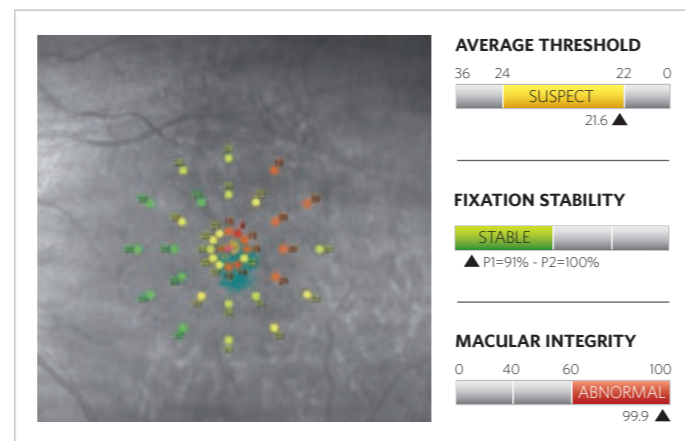
EARLY AMD



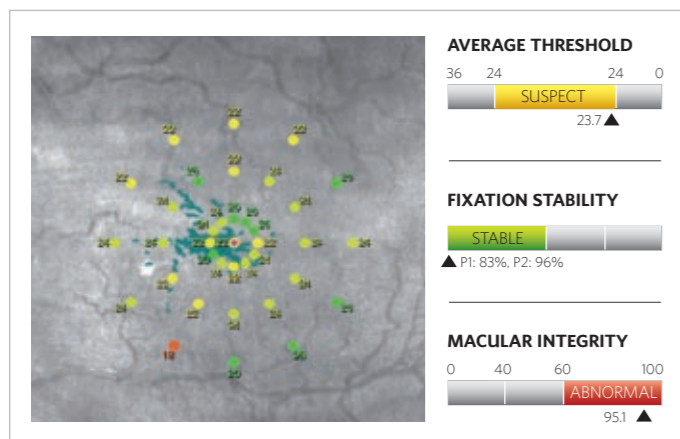
MACULAR PUCKER



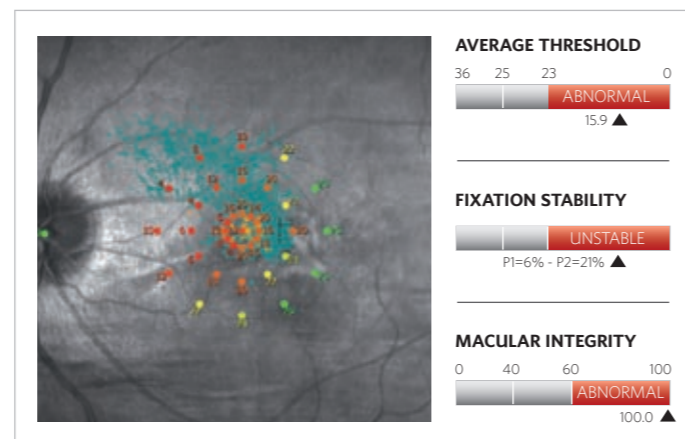
MACULAR EDEMA



CATARACT



SEVERE AMD



CenterVue belongs to the M31 Group of technology companies. CenterVue was incorporated through a concerted action of M31 and a team of professionals with extensive experience in the healthcare industry, skilled in product design and development and possessing a spirit of discovery and creativity. CenterVue develops leading-edge diagnostic systems and promotes the establishment of screening programs aimed at preventing serious and prevalent diseases. Early detection allows clinicians to better control the evolution of many progressive diseases, thus improving the quality of life of the patient.

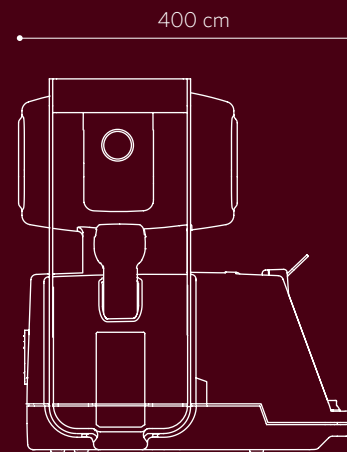
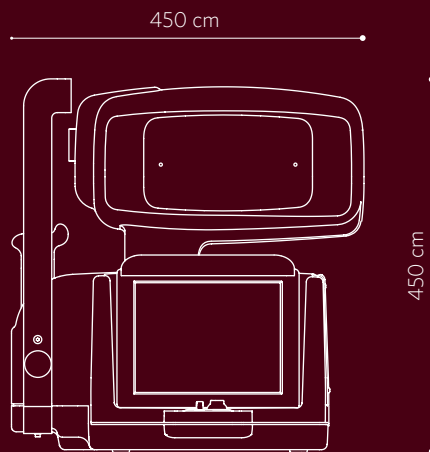
Visit www.centervue.com to know more.



The **Eye Knowledge Network** is an online service specifically conceived for eyecare professionals to find, share and discuss clinically relevant ophthalmic information in the form of data, images and videos. The platform is structured as a virtual meeting place and knowledge sharing tool and it connects users in a professional network. The Eye Knowledge Network offers all MAIA users the chance to know each other, share experiences and discuss clinical cases. In addition it also offers a variety of specific services which will make the use of MAIA even easier and more effective. These services include a **remote review** opportunity to check and read results from any remote computer, a **direct line** with CenterVue for questions and feedback on the product and a **download area** with the latest software updates.

Visit www.eyeknowledge.net to know more.

technical specifications*



Fundus imaging

- Line scanning laser ophthalmoscope
- Field of view: 36° x 36°
- Digital camera resolution: 1024 x 1024 pixel
- Optical resolution on the retina: 25 µm
- Optical source: infrared superluminescent diode at 850 nm
- Imaging speed: 25 fps
- Working distance: 30 mm

Perimetry

- Standard macular test 10°
- Field of view for macular perimetry: 20° x 20°
- Tracking speed: 25 Hz
- Stimuli size: Goldman III
- Background luminance: 4 asb
- Stimuli dynamic range: 36 dB
- Maximum luminance: 1000 asb

Other features

- Minimum pupil diameter: 2.5 mm
- Focus adjustment range: -15D to +10D
- Automatic OD/OS recognition
- auto-focus

Accessories

- Keyboard
- Printer (optional)
- Electrical table (optional)

Dimensions

- Unit size: 450 x 400 h 450 mm (18" x 16" h 20")
- Unit weight: 28 kg (62 lbs)

Power requirement

- Voltage: 100-240 VAC, 50-60 Hz, fuse 3.15 A (T type)
- Power consumption: 350 VA

Laser classification

- Class I laser product conforming with 60825-1 IEC:2007

CE 0123

REV04-100304

*Subject to change without notice for improvement.