

icare
HOME

IOP SELF-MONITORING
ANYWHERE, ANYTIME



ICARE HOME TONOMETER

The easy-to-use Icare® tonometers revolutionize IOP home-monitoring making it quick, effortless and effective. Icare® HOME tonometer is designed for home use for Glaucoma Patients or suspects, who need regular IOP monitoring by a health care professional's prescription.

Icare HOME enables IOP monitoring anywhere and anytime, and it is the only truly quick and painless method available to record daily IOP fluctuations outside the doctor's office. It allows health care professionals to collect valuable IOP information to personalize patient care.

The device is based on a rebound measuring principle that requires no drops, air or specialized skills for its use. The IOP readings can be retrieved from the tonometer via Icare® LINK software, by a health care professional.

KEY FEATURES



Icare® EyeSmart
Automatic OD/OS recognition technology.



Icare® EasyPos
Intelligent positioning assistant for the correct alignment of the tonometer.



Icare® AMS
Automatic measuring sequence: series and single mode with one button.

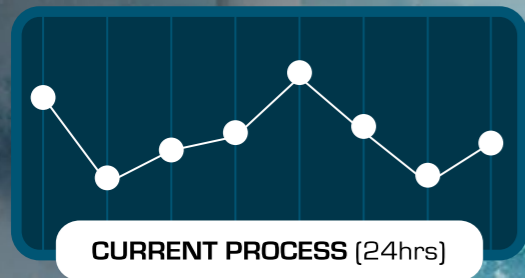
NO ANESTHESIA
NO AIR PUFF



IOP SELF-MONITORING WITH ICARE HOME

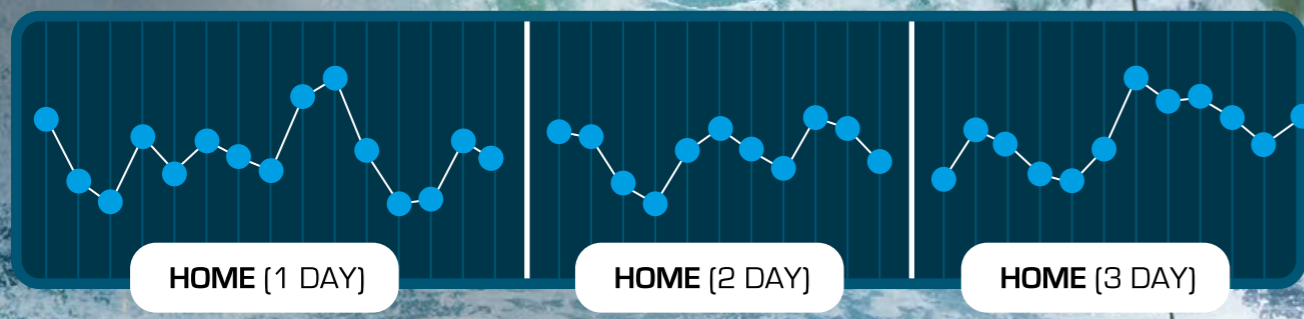
- + IMPROVED COST AND CLINIC EFFICIENCY
- + BETTER CARE AND PATIENT COMFORT
- + MORE RELIABLE DATA

mmHg



- 24H IOP monitoring at the clinic
- IOP self-monitoring with Icare HOME

mmHg



REFERENCES



● **SANJAY ASRANI**

MD, Professor of Ophthalmology
Duke Eye Center, Durham, NC, USA

“In patients with glaucoma, there is a possibility of their eye pressure either fluctuating significantly or being outside the target range (as determined by their doctor). Both these changes are associated with worsening of glaucoma. Monitoring for these changes between office visits can help reassure the doctor and the patient that the therapy is adequate and that the patient is compliant with treatment.”

If the eye pressure is not stable, then the doctor can recommend additional treatment or tailor the eye drop regimen to stabilize the pressure before permanent loss of tissue or visual field occurs.”



● **JOSÉ MARÍA MARTÍNEZ DE LA CASA,**

MD, Professor of Ophthalmology
University of Madrid, Spain

“In patients with suspected glaucoma, daily intraocular pressure monitoring is also essential. In a high proportion of these patients, IOP elevations may be missed during regular scheduled examinations. Knowing these pressure peaks exist can help control the disease and personalize and optimize the treatment regimen. Autotonometry is an efficient option for this purpose, as well as being comfortable for the patient.”



● **ROBERT HARVEY**

Consultant Ophthalmologist, Victoria, Australia

“Taking normal icare measurements is very straightforward - I can train novice technicians in 15 minutes. Teaching patients to take their own measurements takes a little longer but is time well spent (around 20 minutes to set-up the device to fit their face and train). The effort is worthwhile because when the patient returns you have a set of IOP measurements for both eyes taken at different times day and night over several days. This saves the patient returning repeatedly to an eye clinic. Old fashioned “phasing” is more time consuming, provides fewer measurements and is relatively useless being restricted to “office time”.

I recommend phasing done by the patient particularly anyone suspected of spiking IOP because of brittle narrow angles or sleep apnoea.”

icare LINK

ICARE LINK SOFTWARE

- + DATA COLLECTION VIA USB
- + NUMERICAL AND GRAPHIC CHARTS
- + PRINTING
- + DATA EXPORT/IMPORT

Download from www.icaretonometer.com



ICARE HOME TECHNICAL DATA

MODEL NAME	TA022
DIMENSIONS	11cm x 8cm x 3cm
WEIGHT	150g (with batteries)
POWER SUPPLY	2 x CR123 non-rechargeable batteries
MEASUREMENT RANGE	5 - 50 mmHg
ACCURACY	± 1.2 (≤ 20 mmHg) ± 2.2 (>20 mmHg)
REPEATABILITY (coefficient of variation)	5.5% (10-50 mmHg), 8.1% (at 5 mmHg)

This device has BF - type electric shock protection



ICARE FINLAND - VISIONARY IN VISION

Icare Finland is the original developer of the rebound technique for tonometry. The clinical performance and ease-of-use of our devices has allowed Icare Finland to quickly become the global leader in handheld tonometry. Our proprietary technology is protected by over 20 patents and patent applications globally. Today, Icare Finland is the trusted partner for professional tonometry devices in ophthalmology.

The Icare® product line offers a range of tonometry devices for accurate, consistent and reproducible measurement of intraocular pressure in virtually any circumstances. All Icare® devices are manufactured in Finland under an ISO 13485-certified quality system.



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