Why to measure IOP at home?

www.icaretonometer.com
IMPORTANCE OF CONSTANT IOP MEASURING

Raised IOP (intraocular pressure) is the main risk factor in Glaucoma and the treatment is always based on lowering the IOP.

To find the best possible Glaucoma treatment the IOP should be measured several times per day. This is only possible if IOP measuring can be done by the patient.

Constant IOP home monitoring helps your doctor adjust your Glaucoma medication.

SAFE & EASY ROUTINE

The easy-to-use Icare® ONE tonometer is designed for self measuring of IOP. It is based on a rebound measuring principle, in which a very light probe is used to make momentary & gentle contact with the cornea.

Requiring no drops, neither specialized skills for its use the quick and painless Icare rebound tonometry revolutionizes IOP monitoring by making the measuring routine effortless and effective.
IMPORTANCE OF CONSTANT IOP MEASURING

Consult your specialist!

Always consult your doctor before starting to use Icare ONE.
EASE OF MIND & QUALITY OF LIFE

IOP monitoring is crucial to Glaucoma treatment. The right treatment can be found easier by constant IOP monitoring.

- NO ANESTHESIA
- ACCURATE
- AFFORDABLE
- PORTABLE
- HYGIENIC
SELF MEASURING

Icare ONE is easy to use and after a short training with your specialist you are able to take the readings yourself.
Safe, painless and hygienic procedure
TECHNICAL DATA

The device conforms to CE regulations
Dimensions: approximately 11 cm x 8 cm x 3 cm
Weight: approximately 150 g
Power supply: 2×CR123 batteries
Measurement range: 5-50 mmHg
Display range: 5-50 mmHg

Accuracy [95% tolerance interval relative to manometry]:
± 1.2 [ < 20 mmHg ]
± 2.2 [ ≥ 20 mmHg ]

Repeatability [coefficient of variation]: <8%
Accuracy of display: display is divided into 11 ranges
5-7 mmHg
7-10 mmHg
10-14 mmHg
14-18 mmHg
18-21 mmHg
21-24 mmHg
24-27 mmHg
27-30 mmHg
30-35 mmHg
35-40 mmHg
40-50 mmHg

Display unit: mmHg
There are no electrical connections from the tonometer to the patient.
The device has BF-type electric shock protection.

Operation environment
Temperature: +10 °C to +35 °C
Relative humidity: 30% to 90%
Atmospheric pressure: 800 hPa – 1060 hPa

Storage environment
Temperature: -10 °C to +55 °C
Relative humidity: 10% to 95%
Atmospheric pressure: 700 hPa – 1060 hPa

Transport environment
Temperature: -40 °C to +70 °C
Relative humidity: 10% to 95%
Atmospheric pressure: 500 hPa – 1060 hPa

UNIFORM SYSTEM

Icare® ONE indicates pressure range to its user; the precise measurement results are stored in the tonometer’s memory for easy access. The data includes accurate measurement, its quality and the date with the time of each individual measurement. The history of all measurements can be transferred via USB cable to a computer with our specific Icare® LINK software available at www.icaretonometer.com

The uniform technology and software enable the ophthalmologist to compare the results between Icare ONE and Icare PRO tonometers.
FAQ

DO I NEED TO USE ANESTHESIA DROPS?
No, the measurement is barely noticed and often does not even cause corneal reflex.

IS IT POSSIBLE TO HURT THE EYE?
No, by following the instructions given in the user manual, the probe cannot hurt your eye.

IS IT POSSIBLE TO LOAD PROBE WRONG WAY?
No, the mechanical design makes it impossible to insert the probe incorrectly.

WHY DO I SEE THE RESULTS ONLY AS RANGE?
In order to adjust your Glaucoma medication the Ophthalmologists are able to read the exact results with their Icare LINK software and Icare PRO tonometer.

WHAT IS ICARE LINK SOFTWARE?
Icare LINK software retrieves measurement result, date, time and quality from your Icare ONE tonometer. Moreover you are able to send your results to your Ophthalmologist via e-mail.

WHERE CAN I GET LINK SOFTWARE?
Icare LINK software can be downloaded from Icare website: www.icaretonometer.com
Icare ONE Tonometer

The ONE and only tonometer for easy IOP self measuring for Glaucoma Patients

Designed and recommended for Glaucoma Patients who need regular IOP monitoring by their ophthalmologists recommendation.

- Portable. Measure anywhere, anytime
- Gentle touch, no anesthesia needed
- Revolutionary and easy routine
- Safe, painless, affordable and hygienic procedure
- Proven and reliable Icare rebound technology
- Fully compatible with the new Icare PRO device and Icare LINK software