

**icare**

**ic100**

**THE PROFESSIONAL'S  
CHOICE**

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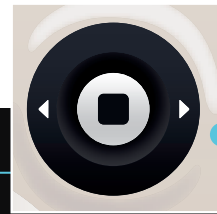
# ICARE IC100 TONOMETER

Icare®'s patented rebound technology is a reliable technique for obtaining accurate and rapid IOP measurements from all your patients. Measuring requires no anesthesia, drops, air puffs or other preparation. The easy-to-use Icare® ic100 tonometer incorporates guiding features and an intuitive user interface to maximize efficiency in clinical routines. No specialized skills are needed, just load, align and measure. The accurate Icare® ic100 tonometer is the professional's choice.

## KEY FEATURES AND BENEFITS



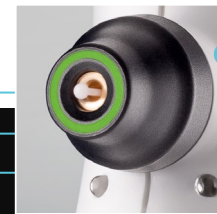
**Icare® AMS**  
Dual-mode operation  
(single or rapid G-series  
measurement)



**Icare® EasyNav**  
Advanced navigation  
interface



**OLED Display**  
Bright OLED display screen  
guides operation and  
presents results



**Icare® EasyPos**  
Alignment indicator:  
green confirms tonometer  
positioning

NO ANESTHESIA  
NO AIR PUFF





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# THE PROFESSIONAL'S CHOICE



## EASY TO USE

- + Suitable for all patients
- + No calibration needed
- + Device confirms alignment

## COMFORTABLE FOR THE PATIENT

- + Reduces anxiety
- + Improves compliance
- + Takes only a few seconds
- + No anesthesia or fluorescent dye
- + No unpleasant air puffs
- + Measurement barely noticeable



# STUDY FINDINGS

+ “Intraocular pressure (IOP) readings obtained by an Icare tonometer in our study have shown reasonable concordance with Goldmann applanation tonometry (GAT). Overestimation of IOP measured by rebound technology as compared with GAT is directly proportional to IOP. As the Icare [sic] tonometer measured IOP with good accuracy, it may be considered as an appropriate method for clinical use in normal subjects and glaucoma patients”.

JOURNAL OF GLAUCOMA, December, 2014

+ “The use of Icare tonometry decreased the need of EUAs to evaluate children with glaucoma and significantly increased successful IOP measurement in clinic.”

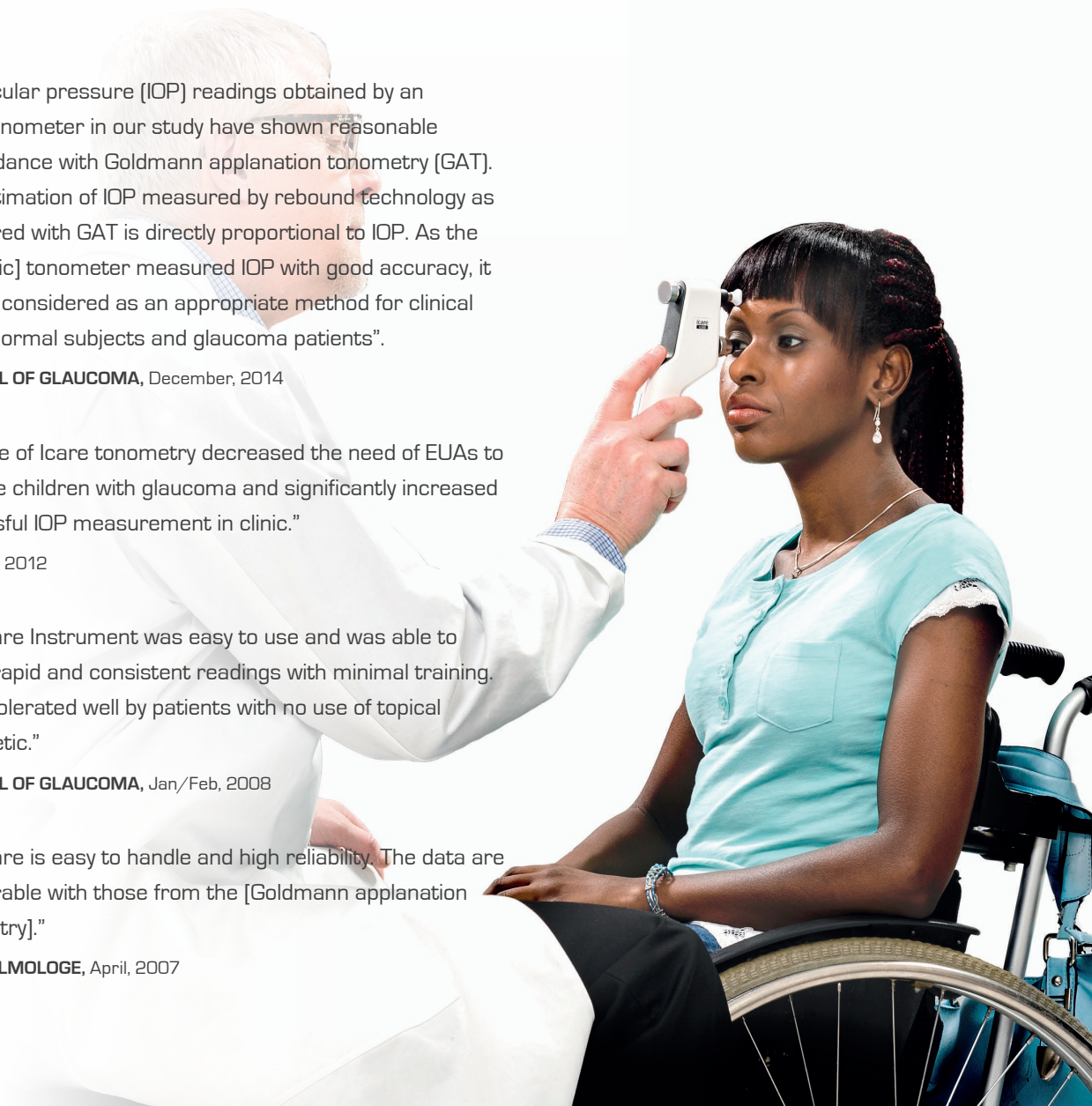
JAAPOS, 2012

+ “The Icare Instrument was easy to use and was able to obtain rapid and consistent readings with minimal training. It was tolerated well by patients with no use of topical anesthetic.”

JOURNAL OF GLAUCOMA, Jan/Feb, 2008

+ “The Icare is easy to handle and high reliability. The data are comparable with those from the [Goldmann applanation tonometry].”

OPHTHALMOLOGE, April, 2007



## Icare ic100 TECHNICAL DATA

MODEL NAME TA011

DIMENSIONS 24 mm - 29 mm (W) x  
35 mm - 95 mm (H) x 215 mm (L)

WEIGHT 230 g (with batteries)

POWER SUPPLY 4 x AA non-rechargeable batteries,  
1.5 V alkaline LR6.

MEASUREMENT RANGE 7 mm Hg - 50 mm Hg (outside the  
measuring range IOP is estimated).

ACCURACY  $\pm 1.2$  mm Hg ( $\leq 20$  mm Hg) and  
 $\pm 2.2$  mm Hg ( $> 20$  mm Hg)

REPEATABILITY  $< 8\%$  (coefficient of variation)

DISPLAY RESOLUTION Nearest 1 mm Hg



\*Icare stand sold separately.

# 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.

*Our range of tonometers includes:*

Icare® **ic100**, Icare® **TA01i**, Icare® **PRO**, Icare® **HOME**,  
Icare® **TONOVET PLUS**, Icare® **TONOVET** *and* Icare® **TONOLAB**



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