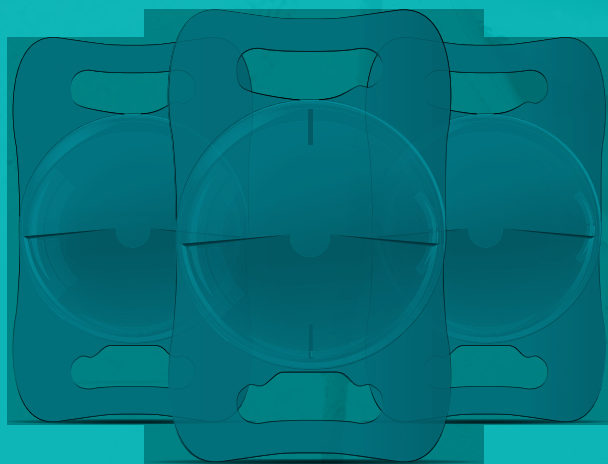




# LENTIS<sup>®</sup>

## Comfort

The EDOF-IOL Pioneer



COMFORT WITHOUT COMPROMISE

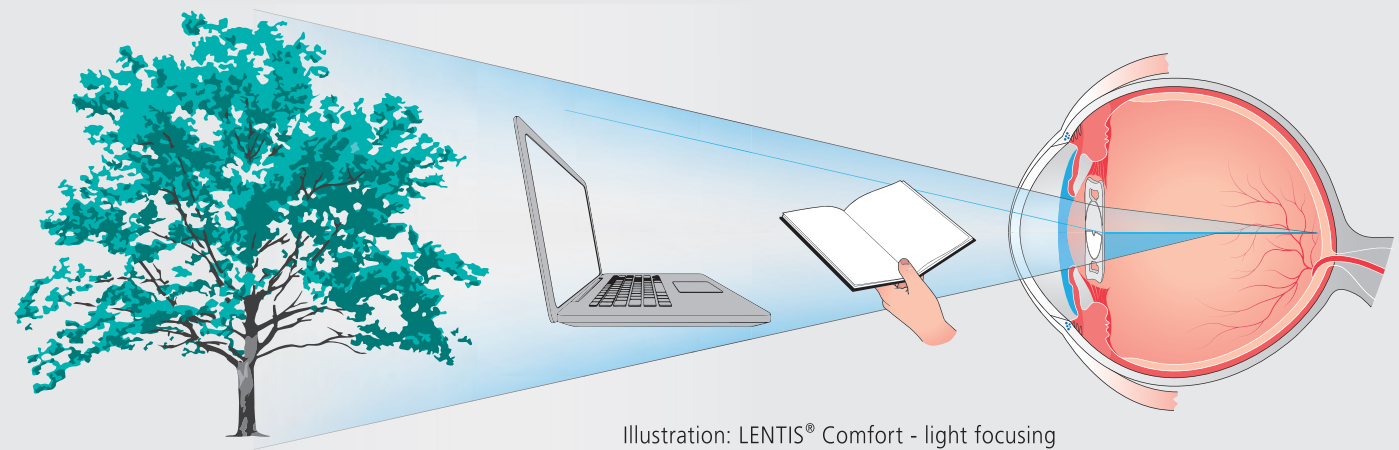


# LENTIS® Comfort

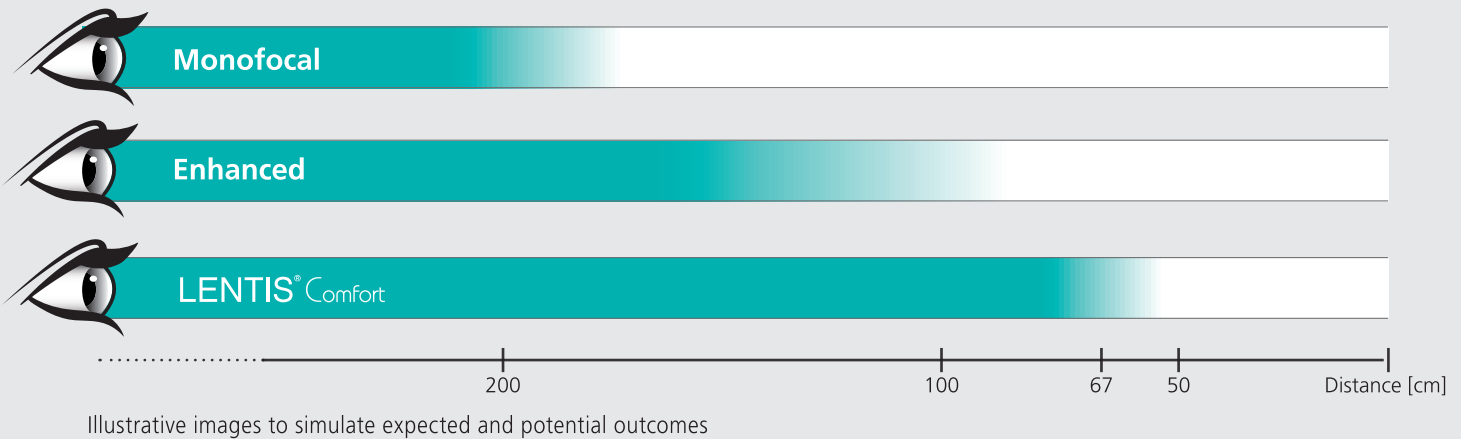
The vanguard EDOF-IOL with advanced segmented optics

## Continuous Transmission Technology

- Large distance optics zone    ■ Transition free central optics
- Segment for continuous vision up to the intermediate area due to varifocal effect

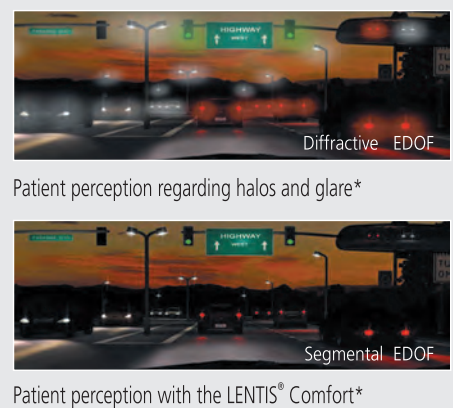
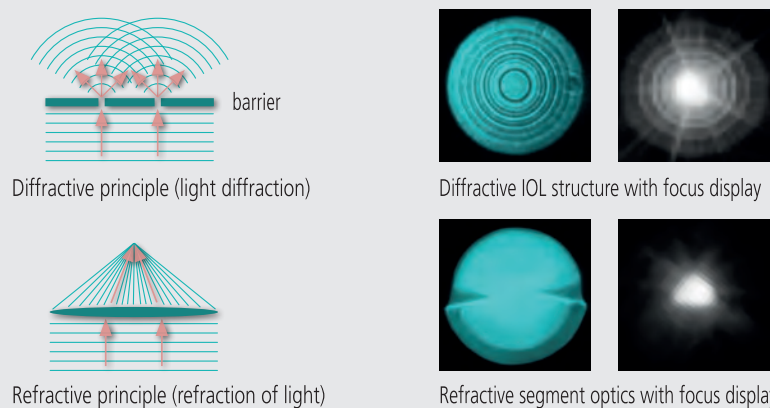


## Superior visual comfort than with standard monofocal care



## Unique refractive segment optics

Minimal reported subjective photic phenomena



\* Source: Presentation at ESCRS 2024, Dr. P. Versace

## Clinical results



### Monofocal IOL vs LENTIS® Comfort

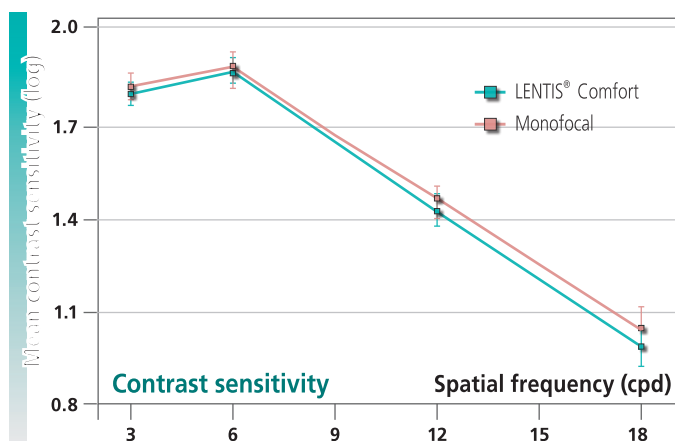
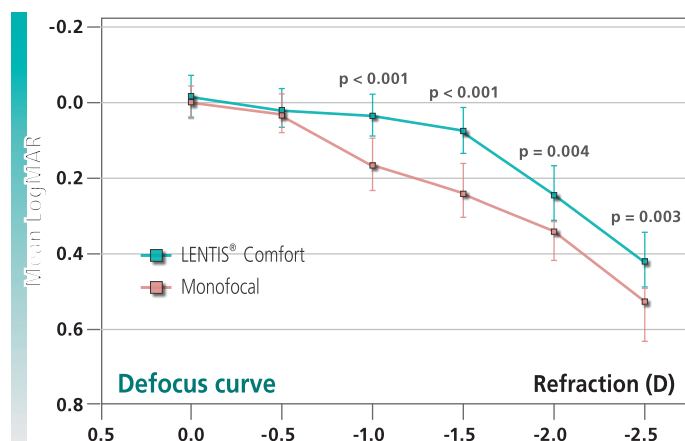
in 42 Patients

<https://doi.org/10.1007/s10792-017-0652-x>

**E. Pedrotti (MD)**



- Very good distance visual acuity with significantly better intermediate vision up to 60 cm for LENTIS® Comfort
- Comparable contrast sensitivity to monofocal IOLs
- Great patient satisfaction & spectacle independence with LENTIS® Comfort



### LENTIS® Comfort - Clinical visual acuity results after 12 months

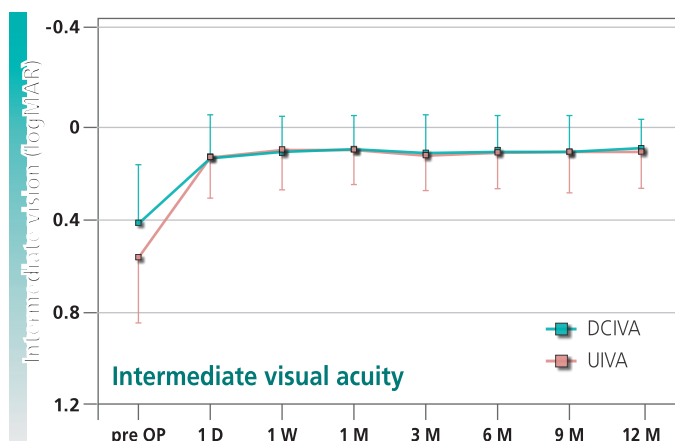
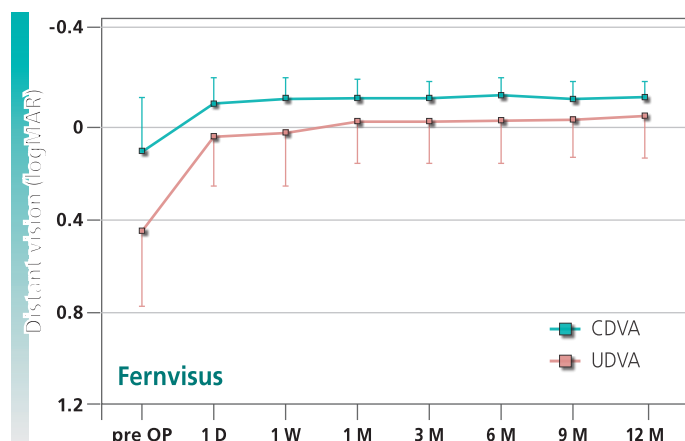
in 120 eyes

<https://doi.org/10.1038/s41598-019-49524-z>

**Prof. T. Oshika (MD)**

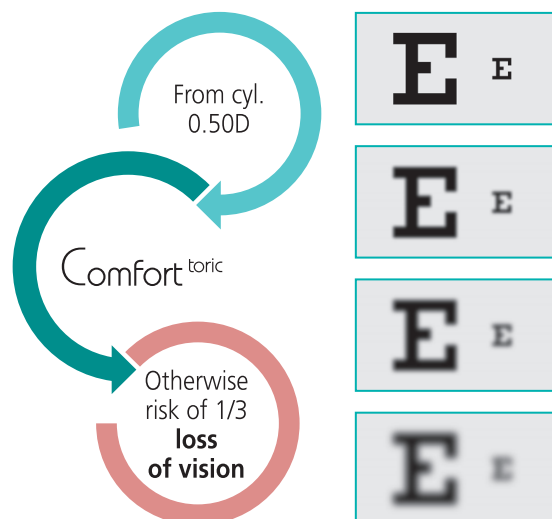


- Excellent distance visual acuity with very good intermediate visual acuity
- Excellent defocus performance
- Very low incidence of photic phenomena and high patient satisfaction



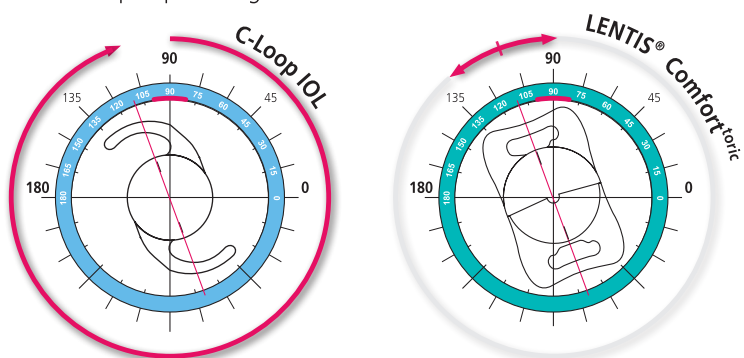
# LENTIS<sup>®</sup> Comfort<sup>toric</sup>

## The toric EDOF-IOL for correcting corneal astigmatism



### Easy IOL alignment

Adjustment possible in both directions compared to a toric IOL with C-loop haptic design



Alignment axis IOL torus 110° | Incision 90°

Easy toric configurator for effortless calculation and ordering of toric IOLs: [www.teleon-toric.com](http://www.teleon-toric.com)

## Clinical results



### LENTIS<sup>®</sup> Comfort<sup>toric</sup> 6 month follow-up

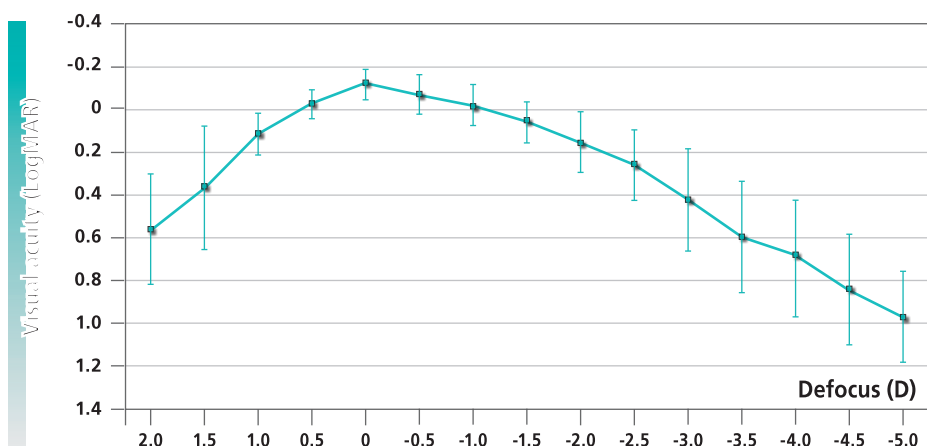
in 59 eyes

<https://doi.org/10.1186/s12886-020-01731-3>

Prof. T. Oshika (MD)



- Postoperative distance and intermediate visual acuity were highly satisfactory
- High contrast sensitivity
- Very low incidence of photic phenomena: 96.6% reported neither halo nor glare



### IOL rotation

(6 months after the surgery)

Excellent rotational stability

- 98.1% of the eyes < 5°
- Mean rotation 1.66°

# What do experts say

about the LENTIS® Comfort and LENTIS® Comfort<sup>toric</sup> \*



The LENTIS® Comfort showed no significant increase in decentration or tilt at six months postoperatively. The plate-haptic IOL provided strong stability as an IOL platform.

**T. Kuriyama (MD), Cureus 2025**

During 5 years after surgery, the LENTIS® Comfort maintained excellent distance and intermediate visual acuity as well as good contrast sensitivity. Glare and halo symptoms were mild, and patients' satisfaction level was high.

**Prof. T. Oshika (MD), Ophthalmology and Therapy 2023**



The LENTIS® Comfort provides a complete distance and intermediate visual rehabilitation after cataract surgery, with excellent visual quality, high patient satisfaction and minimal induction of photic phenomena. Near visual acuity of the majority of patients is within a functional range which leads to acceptable levels of spectacle independence.

**F. Rüfer (MD) und D. Holland (MD), EC Ophthalmology 2019**

Compared to other EDOF-IOLs, the Comfort IOL offers a larger range of functional vision with excellent results from distance to an extended near range. The relative absence of unwanted visual phenomena makes this an easy choice for most patients.

**P. Versace (MD), WOC 2020**



\* Source: [www.teleon-surgical.com](http://www.teleon-surgical.com)

## Hear what patients have to say

about LENTIS® Comfort<sup>toric</sup>

### **Anna K., 68 years**

Cataract, nearsighted with corneal astigmatism, dry eye, never tolerated contact lenses, dissatisfied with varifocal glasses.

**IOL used:** OD: +14.50 D T6 | OS: +15.00 D T5

„Now after surgery I wonder why I didn't do it much earlier. I hardly need glasses in everyday life. Now, I feel safe driving a car again, especially at night and I can see much better on my tablet too, even knitting instructions and travel guides are easy to read without spectacles.“



# LENTIS® Comfort | Comfort<sup>toric</sup>

The tried and tested design with advanced EDOF technology offers discerning cataract patients, who are increasingly dependent on intermediate vision in everyday life (computer work, driving etc.) a comfortable treatment option that goes far beyond the standard solution

| Parameters                             | LENTIS® Comfort MF15                                                                                                                         | LENTIS® Comfort MF15 T0-T6                                                                                                       |
|----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| Type                                   | Foldable one-piece acrylic IOL                                                                                                               | One-piece <sup>toric</sup> acrylic IOL for capsular bag fixation                                                                 |
| Optic Size                             | 6.0 mm                                                                                                                                       | 6.0 mm                                                                                                                           |
| Overall Length                         | 11.0 mm                                                                                                                                      | 11.0 mm                                                                                                                          |
| Haptic Angulation                      | 0°                                                                                                                                           | 0°                                                                                                                               |
| Optic Design                           | - Dioptres: Convex-concave   + Dioptres: Biconvex<br>Aspherical surface - posterior,<br>sector-shaped near vision segment - anterior: +1.5 D | Biconvex<br>Aspherical and toric surface -posterior,<br>sector-shaped near vision segment - anterior: +1.5 D                     |
| IOL Design                             | Plate haptic   Optic and haptics with square edges, posterior<br>360° continuous barrier effect                                              | Plate haptic<br>Optic and haptics with square edges                                                                              |
| Material                               | HydroSmart® - a copolymer, consisting of acrylates with hydrophobic properties, UV absorbing                                                 |                                                                                                                                  |
| Available Diopters                     | -10.0 D to -1.0 D (1.0 D)<br>±0.0 D to +36.0 D (0.5 D)                                                                                       | SE: +10.0 D to +30.0 D (0.5 D)<br>Cyl.: T0 +0.75 D   T1 +1.5 D   T2 +2.25 D   T3 +3.0 D  <br>T4 +3.75 D   T5 +4.5 D   T6 +5.25 D |
| Refractive Index                       | 1.46                                                                                                                                         | 1.46                                                                                                                             |
| A constant (nominal)                   | 118.0                                                                                                                                        | 118.0                                                                                                                            |
| Sterilisation                          | Steam sterilisation                                                                                                                          | Steam sterilisation                                                                                                              |
| Storage                                | Supplied in sterile water                                                                                                                    | Supplied in sterile water                                                                                                        |
| Recommended Injector-Sets [disposable] | Check compatibility of IOL with injector matrix provided at <a href="https://lentic-eifu.com">https://lentic-eifu.com</a>                    |                                                                                                                                  |

Source: IOLcon.org

Please note that neither Teleon nor IOLcon can be held responsible for correctly specifying the optimized A constants for the Zeiss IOLMaster. The specified constants are therefore to be seen as a guide value and starting point for calculating the IOL refractive power

## Advantages of the LENTIS® Comfort | Comfort<sup>toric</sup>:

- Excellent visual acuity results for the distance and intermediate ranges
- More spectacle independence compared to monofocal standard IOLs results in a better quality of life
- Good contrast - comparable with monofocal standard IOLs

MANUFACTURER:

Revision: QF2341v4



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