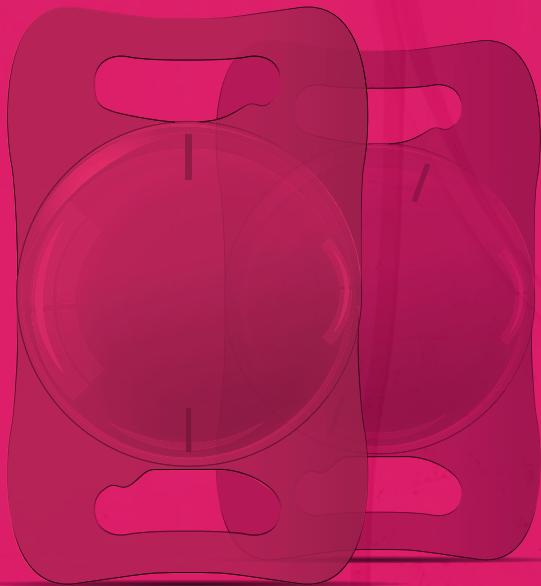


TELEON®

# LENTIS®

T<sub>plus</sub>× | T<sub>plus</sub>

Patient-matched  
treatment of  
cataract and  
astigmatism

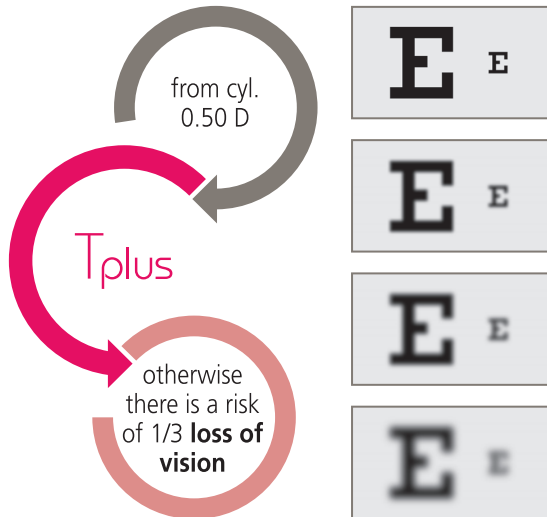


ALWAYS ON AXIS



# LENTIS® Tplus<sup>×</sup> & Tplus

## Monofocal IOL for astigmatism correction



### Astigmatism

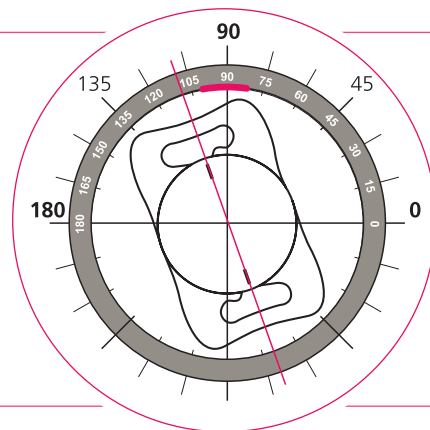
Deterioration in vision at all distances if the cornea of the eye is not evenly round.



### Easy and effective astigmatism correction

LENTIS® Tplus correction cylinders 0.75 D - 5.25 D correct **99%** of all regular corneal astigmatisms

Online configuration @ [www.teleon-toric.com](http://www.teleon-toric.com)



## Clinical results



### Intraoperative positioning of toric intraocular lenses

<https://pubmed.ncbi.nlm.nih.gov/30999325>

Prof. Heinrich Gerding, MD



- Intraoperative alignment of the IOL could easily be performed
- Residual astigmatism: 93% cylinder  $\leq$  0.5 D and 100% cylinder  $\leq$  0.75 D with the LENTIS® Tplus

### Precision and quality of vision with LENTIS® Tplus

<http://dx.doi.org/10.1016/j.jfo.2011.10.012>

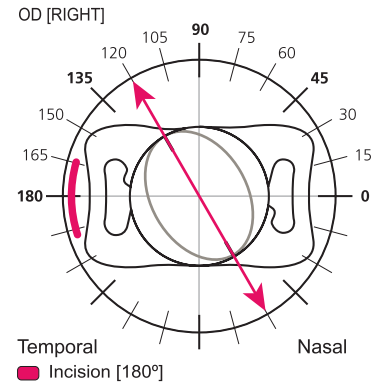
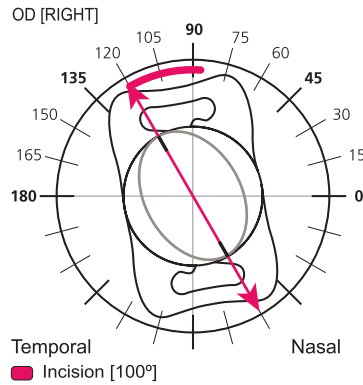
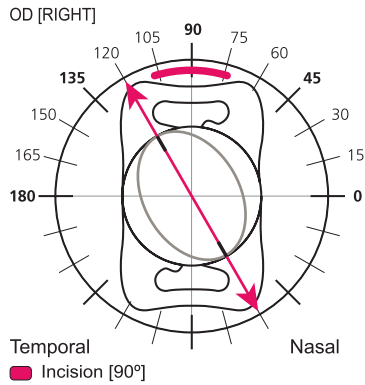
Arnaud Debois, MD



- Effective corneal astigmatism correction
- Stable positioning in the capsular bag, less than 5° rotation after 6 months

# LENTIS® TplusX

Individually manufactured cylinders in 0.01 D steps



**Incision position = haptic orientation**

## Clinical results



### Rotational stability and postoperative visual acuity with LENTIS® TplusX

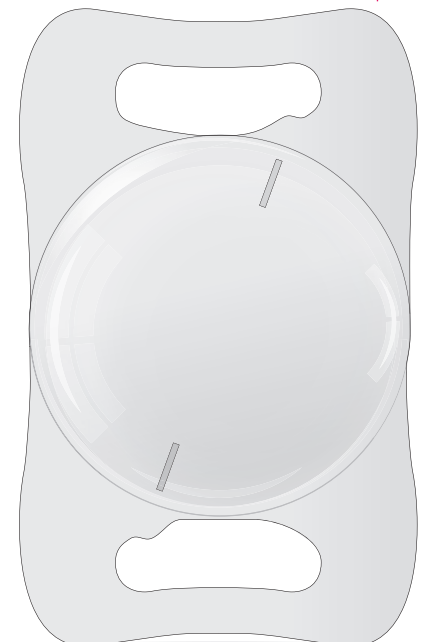
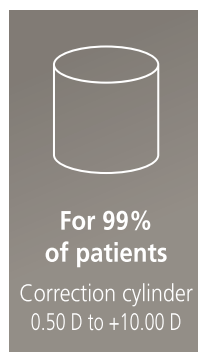
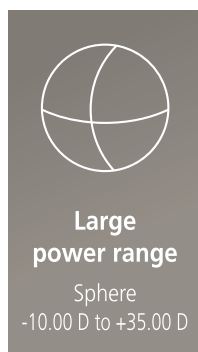
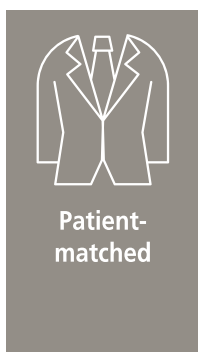
<https://pubmed.ncbi.nlm.nih.gov/25735041>

Nuria Garzón, MD



- Very good postoperative visual acuity of at least 0.1 logMAR
- High rotational stability (<5°)

## Individual production for optimal results



- Each IOL is individually calculated and manufactured
- Minimal residual astigmatism
- Simple implantation and alignment
- Unique approach in the monofocal IOL market
- Optional with violet light filter

# LENTIS® Tplus<sup>X</sup> & Tplus

One-piece monofocal-toric posterior chamber lens with aspherical surface

Parameters	LENTIS® Tplus <sup>X</sup> LU-313 T/TY	LENTIS® Tplus LS-313 T0-T6
<b>Type</b>	Foldable one-piece monofocal- <b>toric</b> IOL for capsular bag fixation	Foldable one-piece monofocal- <b>toric</b> IOL for capsular bag fixation
<b>Optic Size</b>	6.0 mm	6.0 mm
<b>Overall Length</b>	11.0 mm	11.0 mm
<b>Haptic Angulation</b>	0°	0°
<b>Optic Design</b>	- Dioptres: Convex-concave + Dioptres: Biconvex Monotoric surface - anterior Aspherical surface - posterior Spherical aberration neutral Incision-dependent IOL torus production Additionally available with <b>violet light filter</b>	Biconvex Monotoric surface - anterior Aspherical surface - posterior Spherical aberration neutral
<b>IOL Design</b>	Plate haptic   Optic and haptic with square edges, posterior 360° continuous barrier effect	Plate haptic   Optic and haptic with square edges, posterior 360° continuous barrier effect
<b>Material</b>	HydroSmart® - a copolymer, consisting of hydrophilic acrylates with hydrophobic properties; UV absorbing; Additionally available with <b>violet light filter</b>	HydroSmart® - a copolymer, consisting of hydrophilic acrylates with hydrophobic properties; UV absorbing
<b>Available Diopters</b>	sph. -10.0 D to +36.0 D (0.01 D) cyl. +0.5 D to +10.0 D (0.01 D) (sph. + cyl. < 40.0 D) axis (1°-scaling)	SE: +10.0 D to +30.0 D (0.5 D) cyl. T0 +0.75 D   T1 +1.50 D   T2 +2.25 D   T3 +3.0 D   T4 +3.75 D   T5 +4.5 D   T6 +5.25 D
<b>Refractive Index</b>	1.46	1.46
<b>A constant (nominal)</b>	118.0	118.0
<b>Sterilisation</b>	Steam sterilisation	Steam sterilisation
<b>Storage</b>	Supplied in sterile water	Supplied in sterile water
<b>Recommended Injector-Sets</b> [disposable]	Check compatibility of IOL with injector matrix provided at <a href="https://lentis-eifu.com">https://lentis-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

## MANUFACTURER:

Revision: QF2532v2

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