

ALWAYS ON AXIS

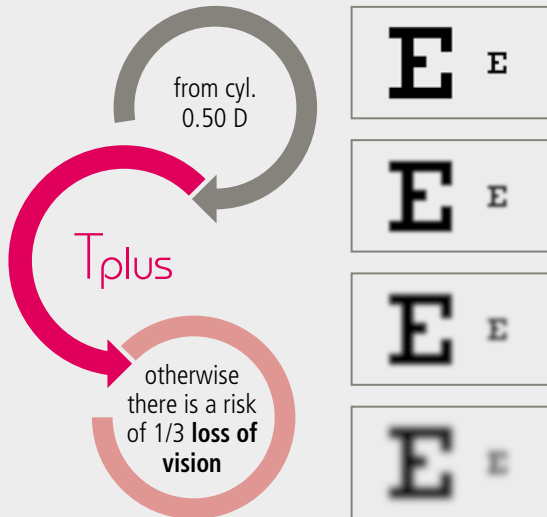


LENTIS<sup>®</sup> Tplus<sup>✕</sup> & Tplus

Tailor-made treatment of  
cataract and astigmatism

# LENTIS® Tplus<sup>×</sup> & Tplus

Monofocal IOL for astigmatism correction



## Astigmatism

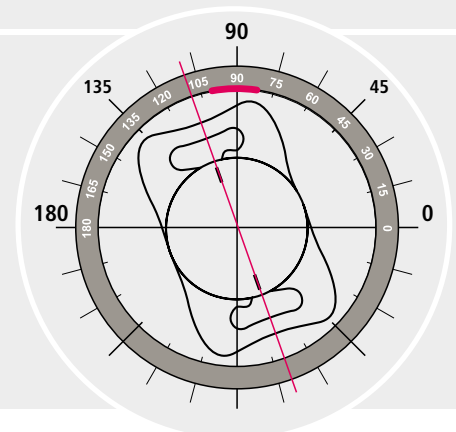
Deterioration in vision at all distances if the cornea of the eye is not perfectly rounded.



Easy to use and highly effective  
in terms of visual acuity results

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



- Ease to use and precise intraoperative alignment
- 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>

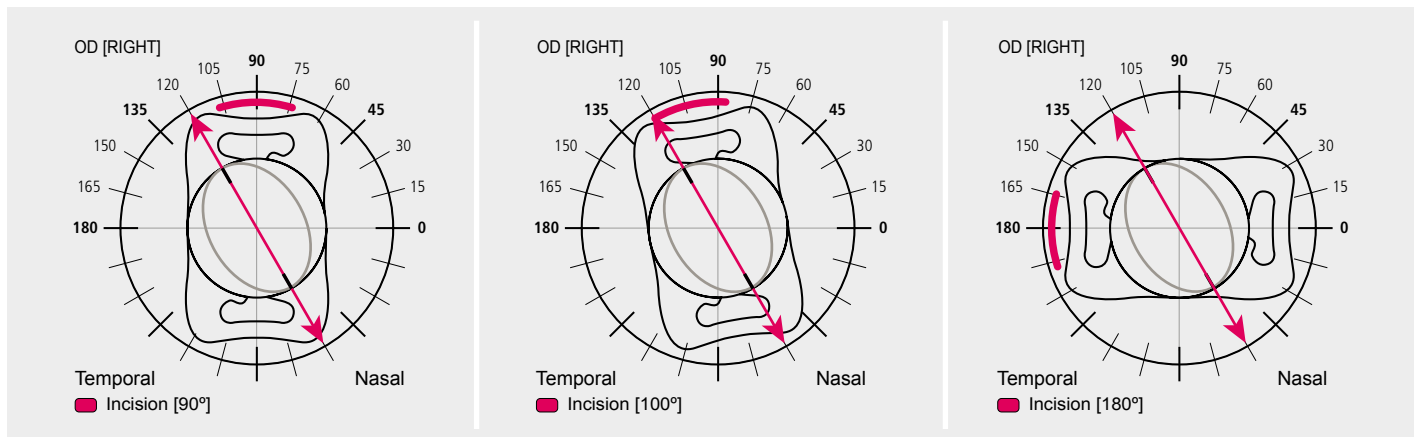
Arnaud Debois, MD



- Safe and 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 (<math><5^\circ</math>)

## Individual production for optimal results

Tailor-made  
for  
every patient

Large  
power range  
Sphere  
-10.00 D to +35.00 D

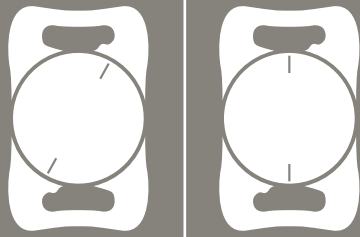
For 99%  
of patients  
Correction cylinder  
0.50 D to +10.00 D

Very high  
precision  
in 0.01 steps



- Each IOL is individually calculated and manufactured
- No residual astigmatism
- Simple and quick implantation and alignment
- This is unique in the monofocal IOL market
- Optional: violet light filter for effective retinal protection

Perfect  
alignment



# LENTIS® T<sub>plus</sub>× & T<sub>plus</sub>

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

Product	LENTIS® T <sub>plus</sub> × LU-313 T/TY	LENTIS® T <sub>plus</sub> LS-313 T0-T6
Type	Foldable one-piece monofocal-toric IOL for capsular bag fixation	Foldable one-piece monofocal-toric IOL for capsular bag fixation
Optic Size   Overall Length	6.0 mm   11.0 mm	6.0 mm   11.0 mm
Haptic Angulation	0°	0°
Optic Design	<ul style="list-style-type: none"> <li>- Dioptres: Convex-concave</li> <li>+ Dioptres: Biconvex</li> <li>Monotoric surface - anterior</li> <li>Aspherical surface - posterior</li> <li>Spherical aberration neutral</li> <li>Incision-dependent IOL torus production</li> <li>Additionally available with <b>violet light filter</b></li> </ul>	<ul style="list-style-type: none"> <li>Biconvex</li> <li>Monotoric surface - anterior</li> <li>Aspherical surface - posterior</li> <li>Spherical aberration neutral</li> </ul>
IOL Design	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
Material	HydroSmart® - a copolymer, consisting of hydrophilic acrylates with hydrophobic surface; UV absorbing; Additionally available with <b>violet light filter</b>	HydroSmart® - a copolymer, consisting of hydrophilic acrylates with hydrophobic surface; UV absorbing
Available Diopters	sph. -10.0 D to +35.0 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
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://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:

**TELEON®**

**Teleon Surgical B.V.**

Van Rensselaerweg 4 b

6956AV Spankeren, The Netherlands

✉ [info@teleon-surgical.com](mailto:info@teleon-surgical.com) [www.teleon-surgical.com](http://www.teleon-surgical.com)