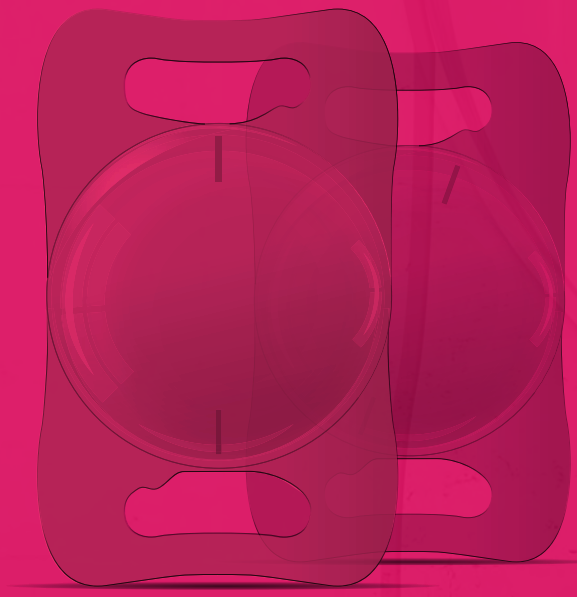
TELEON®

LENTIS®

Tplus X | Tplus

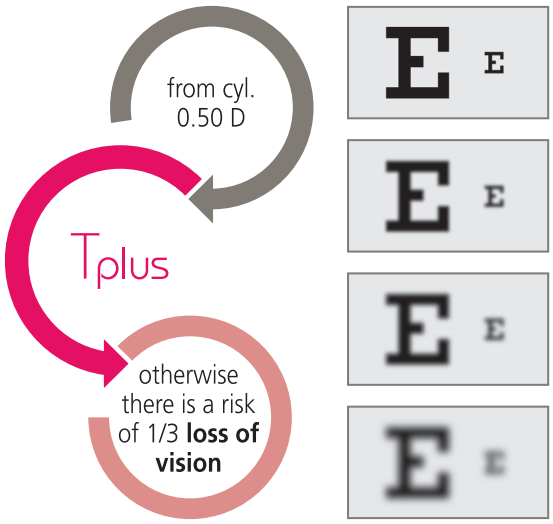
Patient-matched treatment of cataract and astigmatism



ALWAYS ON AXIS

LENTIS® Tplus✕ & Tplus

Monofocal IOL for astigmatism correction



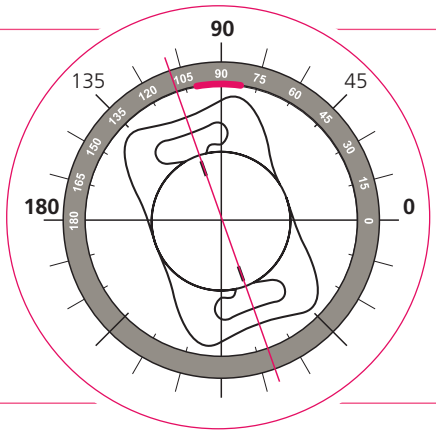
Astigmatism

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



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 ≤ 0.5 D and 100% cylinder ≤ 0.75 D with the LENTIS® Tplus

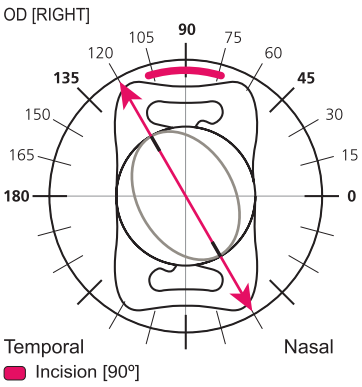
Precision and quality of vision with LENTIS® Tplus

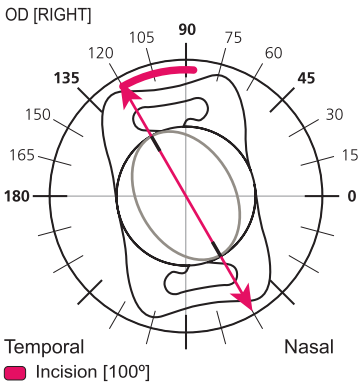
http://dx.doi.org/10.1016/j.jfo.2011.10.012
Arnaud Debois, MD

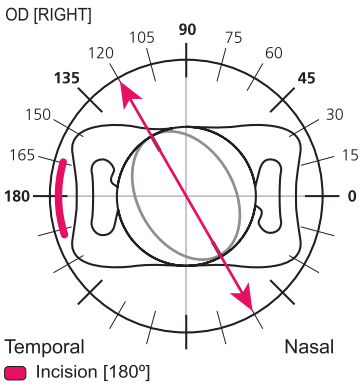
- Effective corneal astigmatism correction
- Stable positioning in the capsular bag, less than 5° rotation after 6 months

LENTIS® Tplus

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

Patient-matched

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

- 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^{X} & Tplus

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

Parameters	LENTIS® Tplus^{X} LU-313 T/TY	LENTIS® Tplus 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	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 Monotoric surface - anterior Aspherical surface - posterior Spherical aberration neutral Incision-dependent IOL torus production Additionally available with **violet light filter**	Biconvex Monotoric surface - anterior Aspherical surface - posterior Spherical aberration neutral
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 properties; UV absorbing; Additionally available with **violet light filter**	HydroSmart® - a copolymer, consisting of hydrophilic acrylates with hydrophobic properties; UV absorbing
Available Diopters	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
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 **https://lentis-eifu.com**	

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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