

ALWAYS ON AXIS

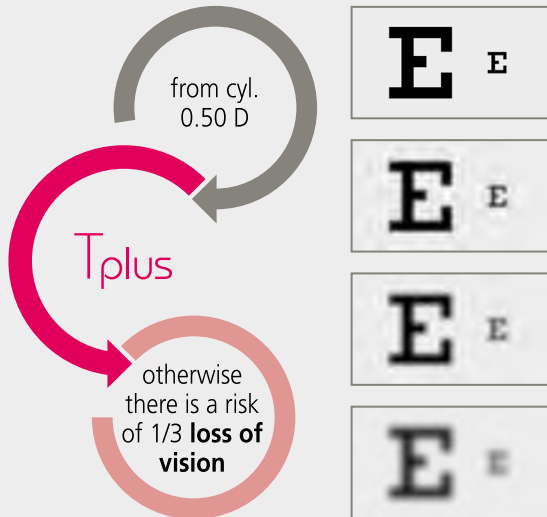


LENTIS[®] Tplus[✕] & Tplus

Tailor-made treatment of
cataract and astigmatism

LENTIS® Tplus[×] & Tplus

Monofocal IOL for astigmatism correction



Astigmatism

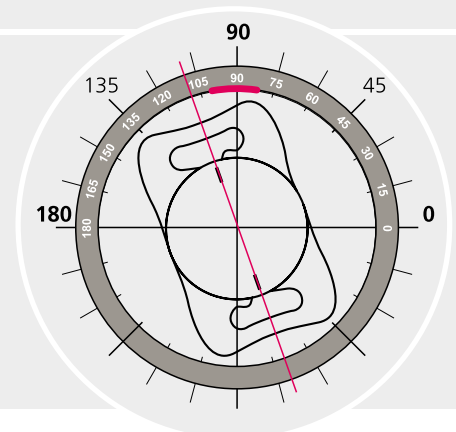
Deterioration in vision at all distances if the cornea of the eye is not perfectly rounded.



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



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 ≤ 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>

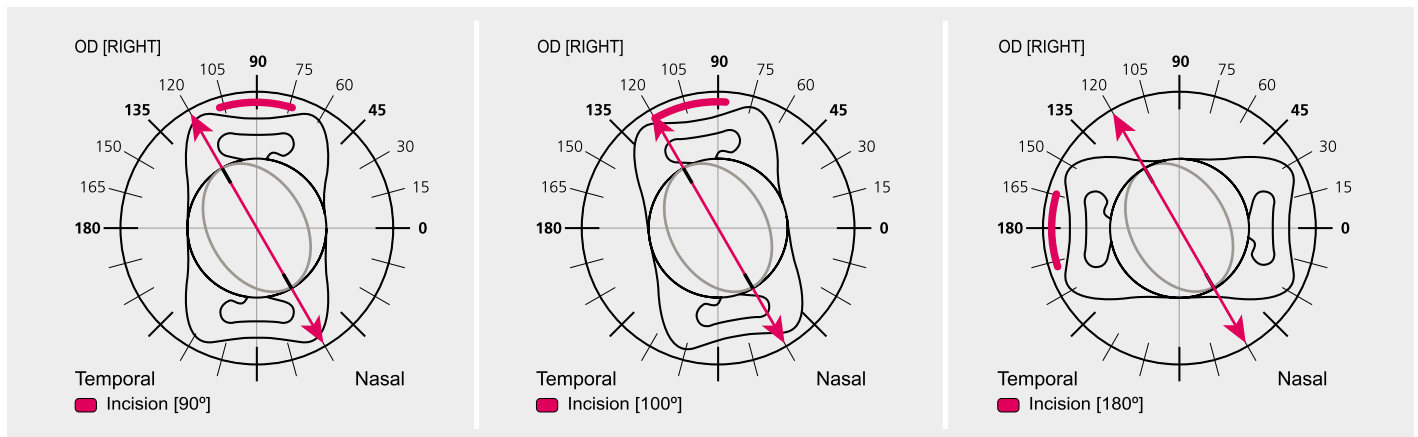
Arnaud Debois, MD



- 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 (<5°)

Individual production for optimal results

**Tailor-made
for
every patient**

**Large
power range**
Sphere
-10.00 D to +35.00 D

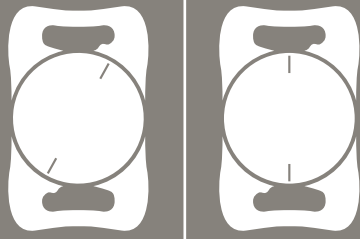
**For 99%
of patients**
Correction cylinder
0.50 D to +10.00 D

**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_{plus}✕ & T_{plus}

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

Product	LENTIS® T _{plus} ✕ LU-313 T/TY	LENTIS® T _{plus} LS-313 T0-T7
	monofocal aspherical customised toric	monofocal aspherical standard toric
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	- 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 T7 +6.00 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:



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