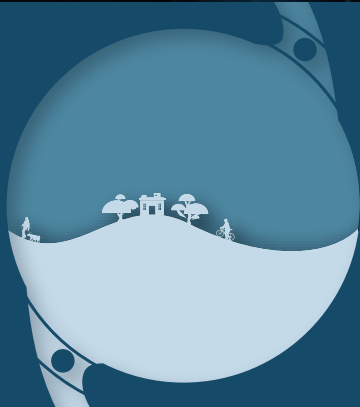


UNIQUE BRILLIANCE

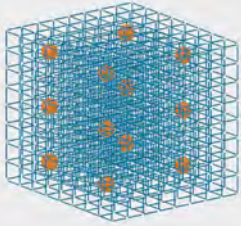


ACUNEX<sup>®</sup>

THE ASPHERIC  
MONOFOCAL **NoGLIS-IOL**  
FOR EVERY CATARACT PATIENT

# ACUNEX<sup>®</sup>

HYBRID MATERIAL WITH EXCELLENT PROPERTIES

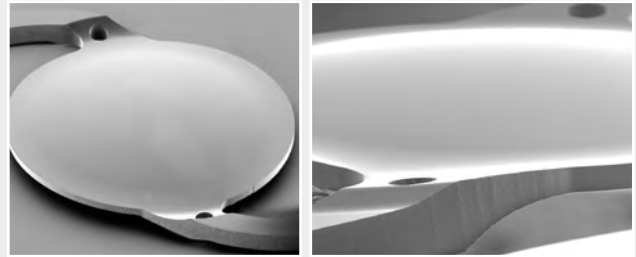
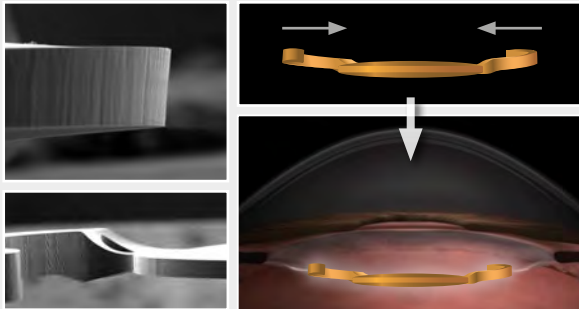


## HYDROPHOBIC MATERIAL

A constant water content of 4% (pre-hydrated) ensures a consistently stable, homogeneous grid structure of the biomaterial and thus maximum physical integrity.

## EXCEPTIONAL RESISTANCE TO SCRATCHES

due to highest surface quality.\*

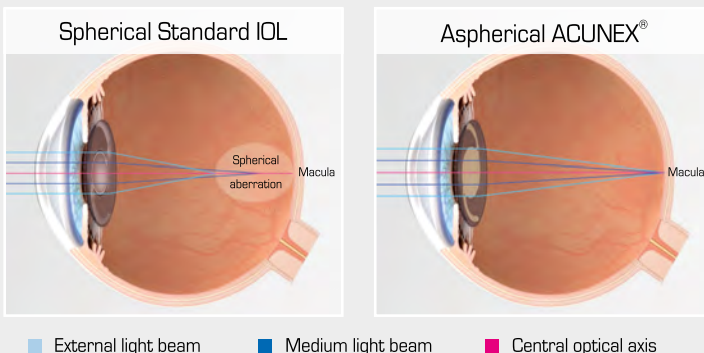
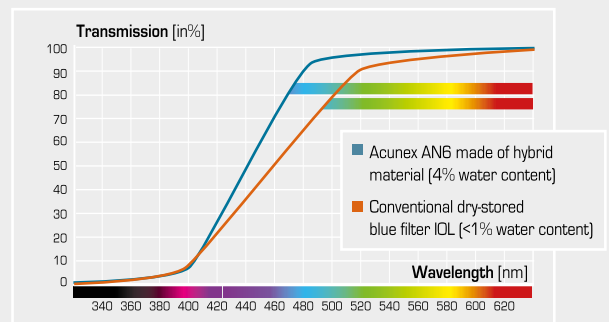


## STEP-VAULTED C-LOOP

Reliable C-Loop IOL design & sharp 360 ° optic edge for efficient PCO prevention. Step-vaulted haptic design for optimal positioning in the capsular bag and therefore no development of striae that could reduce visual quality.

## NATURAL UV-FILTER

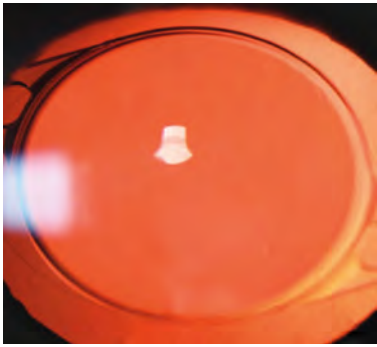
Filter properties imitate these of a natural lens absorbing harmful UV light and the violet part of the blue light spectrum, for natural color perception.



## ASPHERIC OPTICS

Correcting spherical aberration for high contrast and better image quality compared to spherical standard lenses, especially in mesopic light conditions.

\* Manfred Tetz & Matthew R. Jorgensen (2015) New Hydrophobic IOL Materials and Understanding the Science of Glistenings, Current Eye Research, 40:10, 969-981, DOI: 10.3109/02713683.2014.978476



## NoGLIS IOL TECHNOLOGY

First hydrophobic IOL material certified by the FDA in 2012 as glistening free, for permanent and excellent optical clarity after implantation.

### WHAT DO EXPERTS SAY ABOUT ACUNEX® IOLS:



#### Prof. G. Auffarth (MD, Germany)

This IOL convinced me. Firstly, the optical clarity of the material and that it is completely glistening-free.

Secondly, the proven concept of step-vaulted C-Loop haptic design with a sharp edge and therefore very good PCO prevention.

#### Prof. J. Alio (MD, Spain)

The haptic design favours simple implantation and very high postoperative refractive stability. Thanks to the modern biomaterial with very high optical quality and best biocompatibility, this IOL platform offers an ideal basis for multifocal and toric optical concepts.



Source: Surgeons interviews, [www.teleon-surgical.com](http://www.teleon-surgical.com)

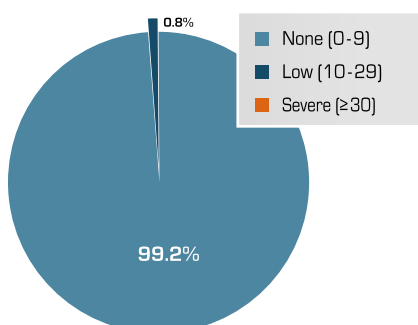
### SIMPLE AND FLEXIBLE IOL HANDLING

The ACUNEX® IOL adapts to your habits, not the other way around!

- Controlled unfolding behaviour
- Small incisions as of 2.0 mm possible
- Universal application of various common injector systems

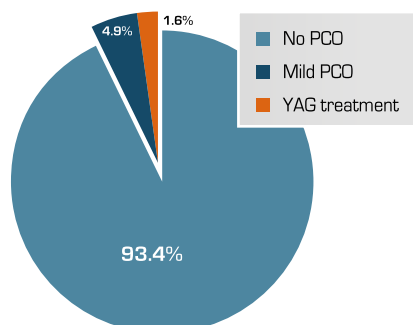
#### Glistening evaluation

6 months - 7 years postop. (n=812)\*\*  
[Quantity in a 10 x 2 mm optics area]



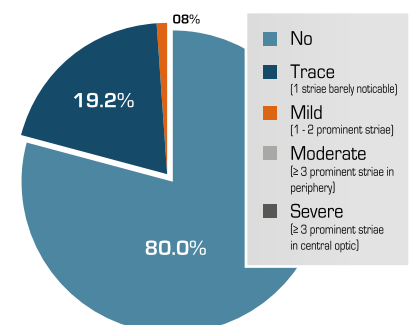
#### YAG rate 12 months postop.

(n=122)\*\*\*



#### Striae 12 months postop.

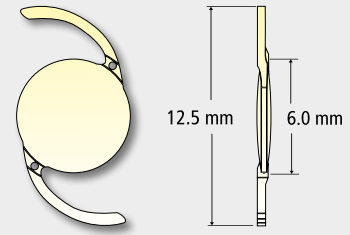
(n=120)\*\*\*



\*\* Archive data, based on studies with hydrophobic hybrid material

\*\*\* Archive data based on ACUNEX® studies

## One-piece monofocal posterior chamber lens with aspherical surface and blue light filter



<b>Product</b>	ACUNEX® AN6	aspheric
<b>Type</b>	Foldable one-piece monofocal IOL for capsular bag fixation	monofocal
<b>Optic Size</b>	6.0 mm	blue light filter
<b>Overall Length</b>	12.5 mm	glistening-free
<b>Haptic Angulation</b>	0°	
<b>Optic Design</b>	Biconvex Aspherical surface - posterior Spherical aberration correction: -0.13 µm	
<b>IOL Design</b>	C-Loop haptic Optic and haptics with square edges, posterior 360° continuous barrier effect	
<b>Material</b>	Hydrophobic glistening-free acrylate UV absorbing with additional blue light filter	
<b>Available Diopters</b>	SE +10.0D to +30.0D (0.5D)	
<b>Refractive Index</b>	1.54 @ 35°	
<b>A-Constant (nominal)</b>	119.1	
<b>Sterilisation</b>	Gamma sterilisation	
<b>Storage</b>	Storage in 0.9 % saline solution	
<b>Recommended Incision Size</b>	≥ 2.0 mm	

## CONSIDERABLE REQUIREMENTS FOR A MODERN MONOFOCAL LENS

- Highest **optical quality**     ■ **High stability** in the capsular bag
- **Brilliant image quality** and excellent refractive outcomes
- **Easy handling** for a hassle-free implantation
- Enduring optical clarity (**glistening free**)

### MANUFACTURER::

Teleon Surgical B.V.

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🌐 [www.teleon-surgical.com](http://www.teleon-surgical.com)