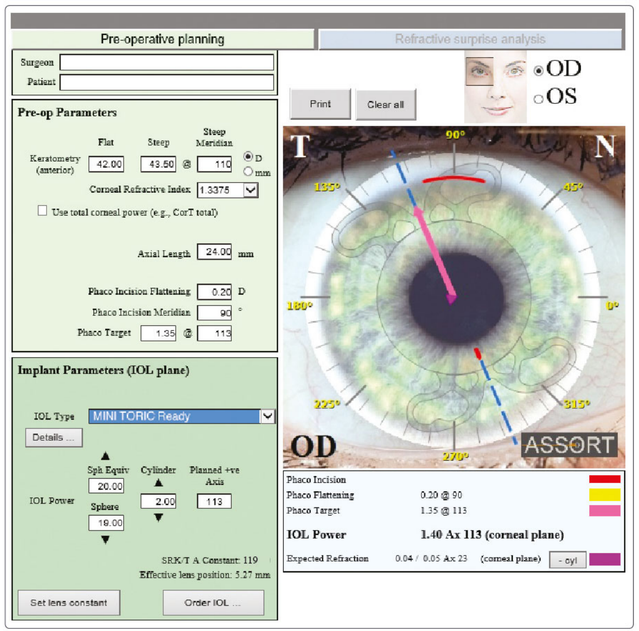
PRECISE RESULTS

MINI TORIC allows **precise correction of astigmatism**.

- The Mini Toric Calculator software, developed on the basis of a vectorial calculation algorithm, ensures elevated **reliability of results**.



www.minitoriccalculator.com

MINI TORIC READY 4 INTRAOCULAR LENS

MONOFOCAL IOL FOR THE SURGICAL TREATMENT OF ASTIGMATISM

Digitally signed by Pereteatco Alina
Date: 2024.12.07 18:39:05 EET
Reason: MoldSign Signature
Location: Moldova
MOLDOVA EUROPEANĂ

SAFETY

MINI TORIC offers surgeons very high **intra and post-operative safety**.

- High sterility
- Lower risk of IOL damaging

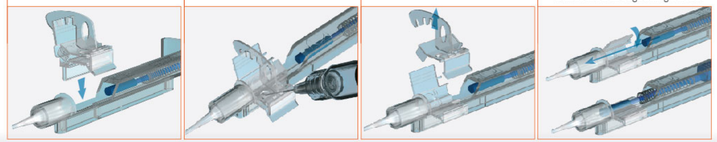
PRELOADED INJECTION SYSTEM FOR MINI INCISION

- Reduction of the induced astigmatism
- Reduced surgery time

CE 0123

INSTRUCTION FOR USE:

1. Insert the cartridge, containing the IOL, into the injector.
2. Apply viscoelastic solution first through the front hole (until is filled) and then a little through the rear hole.
3. Remove the clip of safety block by lifting it using your index and thumb fingers.
4. Close the cartridge sides together until the "click-lock" mechanism engages. Push forward the plunger softly and ensure that the silicone cushion correctly enters into the cartridge loading chamber.



Cod. 70010682MED

Rev. 01 dated Sept.2019

TECHNICAL SPECIFICATIONS

		Cylindrical diopter powers (D) on IOL optics	Cylindrical diopter powers (D) on cornea
Material	Copolymer	1,5	1
Positioning	Bag	2	1,3
Total diameter (mm)	10.75	2,5	1,7
Optics diameter (mm)	6	3	2
Vaulting	5°	3,5	2,3
Optics shape	Biconvex aspheric (front) toric aspheric (back)	4	2,7
Posterior edge	Double	4,5	3
Estimated A Constant	118.6		
Estimated A.C.D. (mm)	5.32		
Spherical dioptric range (D)	OD to +30D (OD to +10D incr. 1D; +10D to +30D incr. 0.5D)		

For exclusive use by healthcare professionals

Bibliography
1 Mukherjee R. et al., Micron 43 (9) 2012, 937-94
2 Anastasi E. et al., Poster presentato a XXXIV European Society of Cataract and Refractive Surgery Copenhagen, Denmark 2016, FP 24606
3 Chang F., J Cataract Refract Surg. 2003 May 29 (5): 935–40
4 Ruhswurm I. et al., J Cataract Refract Surg. 2000 Jul 26 (7): 1022–1027

medicalinformation@sifigroup.com
www.sifigroup.com

SIFI

MINI TORIC READY 4 INTRAOCULAR LENS

MONOFOCAL IOL FOR THE SURGICAL TREATMENT OF ASTIGMATISM

THE BEST COMBINATION BETWEEN SAFETY AND STABILITY

ROTATIONAL STABILITY
QUALITY OF VISION
4 PLUS
PRECISE RESULTS
SAFETY

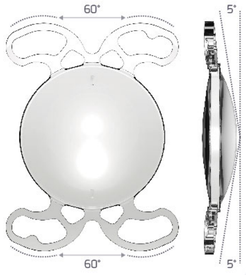
SIFI

toric READY
mini 4
INTRAOCULAR LENS

MONOFOCAL IOL FOR THE SURGICAL TREATMENT OF ASTIGMATISM

ROTATIONAL STABILITY

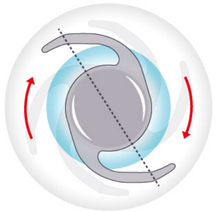
MINI TORIC has a design which ensures the IOL **rotational stability** over time.



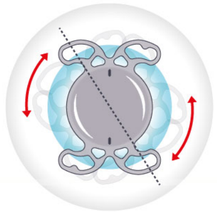
- Micro-roughness and the 120° contact of the 4 haptics support the anchorage to the capsular bag (***gripping ability***) reducing the risk of rotation[1].

- 5° **vaulting** loops and **constant thickness of the optcis edge** sinergically contribute for a better adherence of the IOL to the posterior capsule.

- The symmetrical design of the loops facilitates both the **self-centering** (evidenced by the technological platform of the MINI IOLs) and **360° rotation in either direction** simplifying the IOL alignment on the target axis.



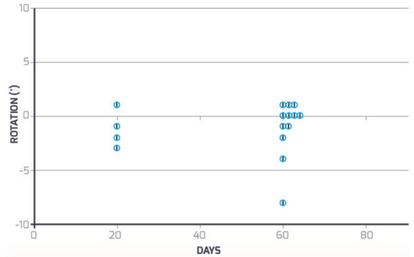
C-loop IOLs
can be rotated clockwise only



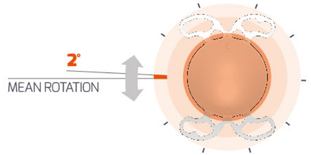
IOLs with 4 fenestrated haptics, like **MINI TORIC**, can be rotated clockwise and counterclockwise easily and in extreme safety

A trial on **MINI TORIC** carried out on 12 patients, 2 months after the implant, showed:

- **excellent rotational stability over time**[2]

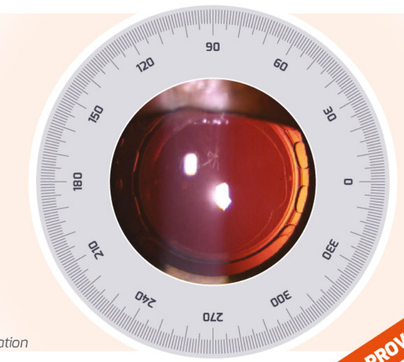


Postoperative absolute rotation <5° in 92% of **MINI TORIC** implanted



2° **MINI TORIC** mean rotation is not significant[3,4]

- **centration stability in the capsular bag due to the 4 haptics design**[2]

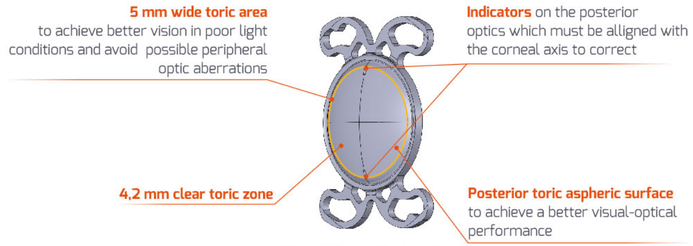


Slit lamp examination

PROVED ROTATIONAL STABILITY

QUALITY OF VISION[2]

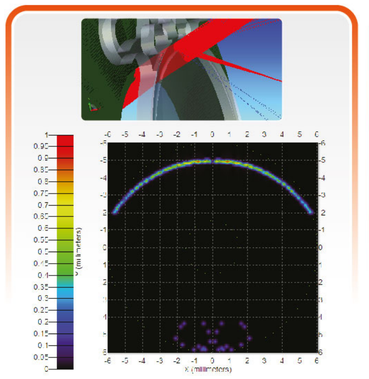
MINI TORIC is designed to ensure **high quality of vision**.



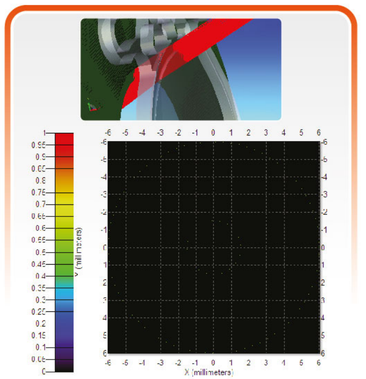
View of the posterior optics

- **Anti-scattering optics** edge avoids the secondary light rays devert on the retina creating effects of visual confusion.

SCATTERING PHENOMENA



ANTI-SCATTERING OPTICS



Optical simulations performed by Zemax software