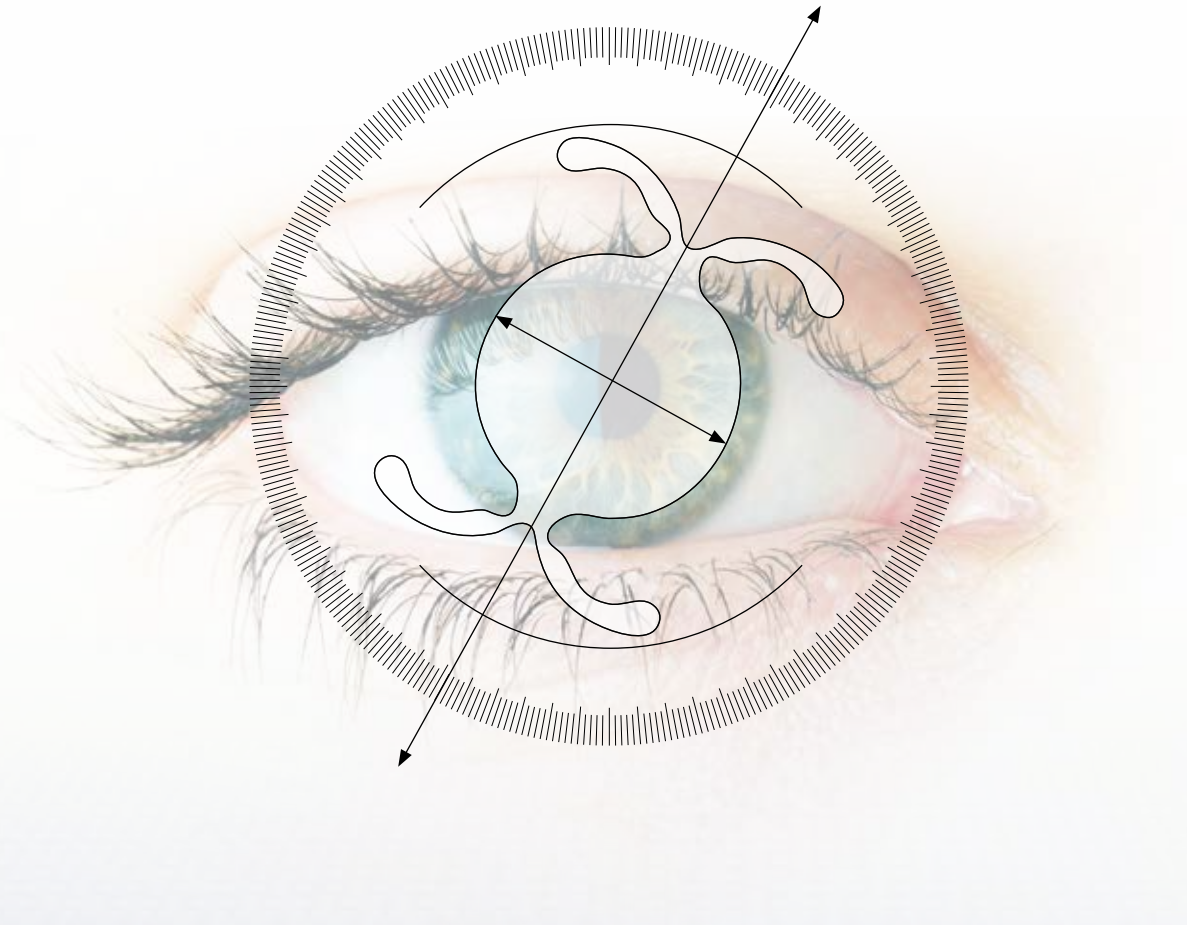


ANKÖRIS

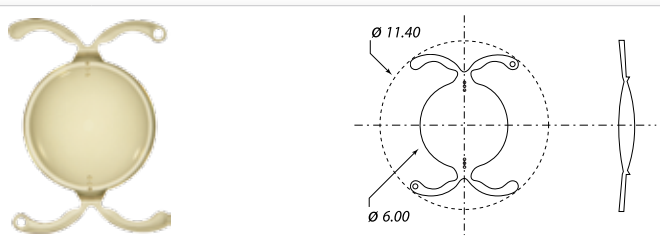


TORIC IOL WITH
OPTIMAL ROTATIONAL STABILITY

PhysIOL

- ▶ The design of the **Ankoris** has been developed:
 - a. To optimize the rotational stability and to limit the horizontal/vertical displacement of the IOL in the eye after surgery
 - The rotation is limited to **2.5°** +/- 2.06° after 3 months postoperative¹
 - b. To access to an **easy and reproducible** injection and positioning during surgery

▶ Technical specifications

	
Material	26% hydrophilic acrylic
Overall diameter	11.40 mm
Optic diameter	6.00 mm
Optic	Biconvex aspheric aberration-correcting (-0.11μ SA)
Filtration	UV and blue light
Refractive index	1.46
Angulation	5°
AC Depth	5.59
Injection system	Medicel Accuject 2.0 from +10D to +25D Medicel Accuject 2.2 from +25.5D to +30D
Incision size	≥ 2.0 mm
Spherical power	+10D to +30D (0.5 steps)
Cylinder power (IOL plane)	1.50 – 2.25 - 3.00 - 3.75D (4.50 - 5.25 - 6.00D on demand)
Suggested constants interferometry*	Hoffer Q : pACD = 5.59 Holladay 1 : Sf = 1.83 SRK II : A = 119.31 SRK/T : A = 118.95 Haigis (not optimized) : a0 = 1.36, a1 = 0.4, a2 = 0.1
Square edge	360°

* Estimates only: surgeons are recommended to use their own values based upon their personal experience. Release date: 25.06.12.
Refer to our website for updates.

DESIGNED FOR STABILITY

- ▶ User friendly and most accurate **calculator: www.physioltoric.eu**

Calculation on 29/11/2012 at 09:07:06

OD (Right)

TEMPORAL (Left eye map) and **NASAL** (Right eye map) diagrams showing corneal topography with axes from 0° to 315°.

Surgical intervention

Surgeon: [dropdown] Intervention: [dropdown]
Patient: John Civil [dropdown]
Comment: [text area]

Pre-surgery details

Model: ANKORIS
Choose the eye: OD OS
Flat K: 40,00 D @ axis 90°
Steep K: 42,00 D @ axis 180°
Surgically induced astigmatism: 0,00 D Axis of incision: 180°
Calculated spherical power of the IOL: +22,50 D

Recommended IOL

Ankoris +22.50 D CYL 2.25 D

Spherical equivalent: +22,50 D
Power of the cylinder in the IOL plane: 2,25 D
Positioning axis: 0°

In the corneal plane

Crossed cylinder: 2,00 D @ Axis 0°
Expected residual astigmatism: 0,46 D @ Axis 0°

▶ Surgical guidelines

Preoperative:

1. Use the PhysiolToric calculator www.physioltoric.eu to calculate the spherical and cylindrical lens powers and the optimal axis alignment of the IOL.
2. Mark the eye with the patient sitting upright in order to avoid cyclotorsion effect.

Peroperative:

1. When the Ankoris lens is injected in the capsular bag, remove all viscoelastic behind and in front of the lens using I/A canula.
2. With a syringe filled with BSS solution, test the watertight self-sealing of the incisions and ensure that the normal intraocular pressure is recovered.
3. If necessary, reposition the lens in the axis of the IOL marks using a micro-manipulator.
4. Gently push the lens towards the posterior capsule with the micromanipulator.
5. Check again that the incision is watertight.
6. Carefully remove the eyelid speculum.

DO NOT OVER-INFLATE THE CAPSULAR BAG AT THE END OF THE SURGERY.

PHYSIOL AT A GLANCE

► Experienced IOL manufacturer

Created in 1986, PhysiOL has evolved from the University of Liège, Belgium, and serves the world of ophthalmology by designing, manufacturing and marketing innovative intraocular lenses responding to the strictest quality requirements.

► Attractive and fast evolving product offer

PhysiOL offers attractive and efficient solutions, in line with the fast evolution of surgical techniques :

- 2006** YellowFlex : the first hydrophilic acrylic IOL with blue-light filtration for better retinal protection
- 2007** SlimFlex-m 123 : preloaded IOL for a fast, safe and reproducible implantation without lens handling
- 2007** MicroSlim : designed for injection through incisions as small as 1.8 mm
- 2008** Micro AY and Slim AY 123 : aspheric lenses for improving contrast sensitivity and preserving depth of field
- 2009** Poly A 123 and Poly AY 123 : preloaded IOLs for all dimensional situations
- 2010** Micro A 123 and Micro AY 123 : the first preloaded IOLs for injection through 1.8 mm incisions
- 2011** FineVision : the first trifocal diffractive IOL
- 2012** PodEye : a hydrophobic acrylic glistening-free IOL;
Ankoris : a new hydrophilic toric IOL design with optimal rotational stability

► International ambition

Our products are marketed in the Benelux and France through our own commercial structure and worldwide through a specially selected distribution network in more than 45 countries.

Reference :

1. Christophe Chassain, Christophe Pagnouille, Laure Gobin, Jos Rozema : Evaluation d'une nouvelle plateforme d'implant intraoculaire : centrage et stabilité rotatoire, Journal Français d'Ophthalmologie (2013) 36, 336-342.

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