

TECHNICAL SPECIFICATIONS

REVERSO®

DESIGNATION	MULTIFOCAL TECHNICAL SPECIFICATIONS
Lens type	For implantation in the ciliary sulcus, in pseudophakic patients
Optic diameter	6.50 mm
Overall diameter	13.80 mm
Design	One piece round edge on 360°
Optic design	Spherical, convex anterior surface Diffractive multifocal concave posterior surface
Angulation	10°
Material	25% hydrophilic acrylic
Multifocal specifications	Light distribution: 65% far - 35% near Step apodization: from Ø 3.0 mm to Ø 4.5 mm
Dioptric powers	From - 3.0 D to + 3.0 D by 0.5 D
Addition (at IOL plane)	Standard: + 3.00 D On request: + 1.50 D / + 2.00 D / + 2.50 D / + 3.50 D
Estimated A-Constant	Not applicable
Refractive index	1.46
Sterilization	Steam
Recommended incision size	< 2.0mm

Also available in MONOFOCAL version to correct a potential refractive error in pseudophakic patients

DESIGNATION	MONOFOCAL TECHNICAL SPECIFICATIONS
Optic design	Spherical, convex anterior surface, concave posterior surface
Dioptric powers	On request: from - 6.0 D to + 6.0 D by 0.5 D



Intraocular Lenses
 Manufacturer
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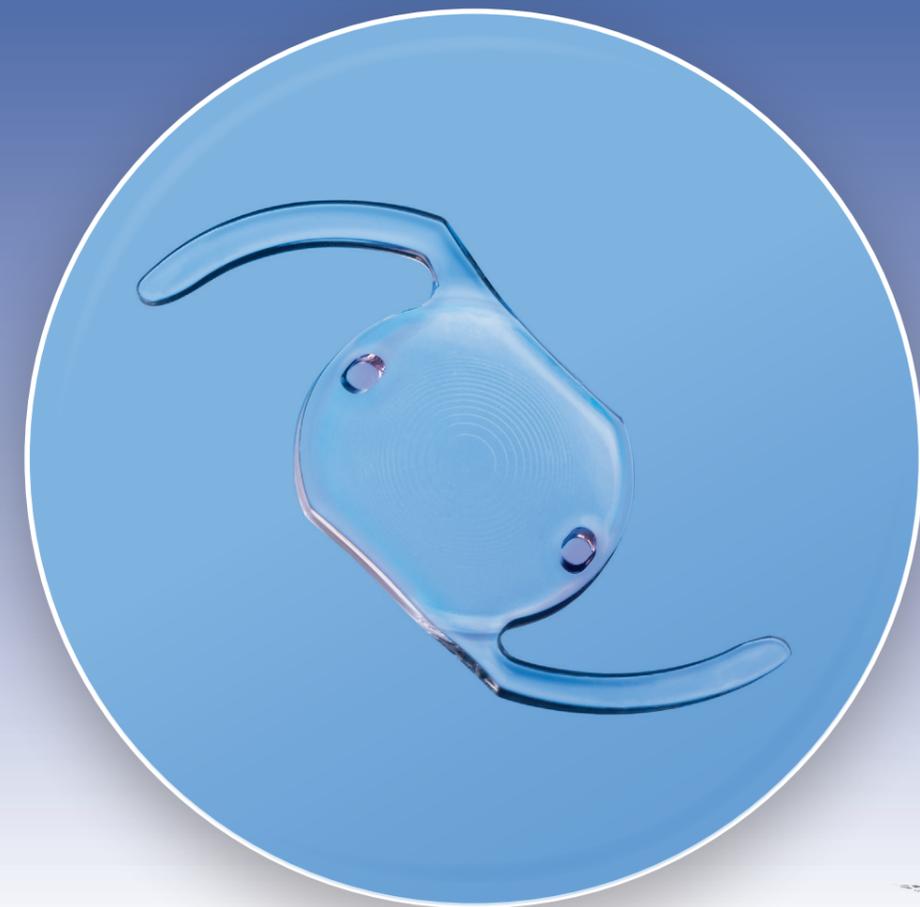
Edition 24/08/2015 DOC_4_Philic

MULTIFOCAL INTRAOCULAR LENS

REVERSO®

HYDROPHILIC ACRYLIC

Correction of presbyopia for pseudophakic patients

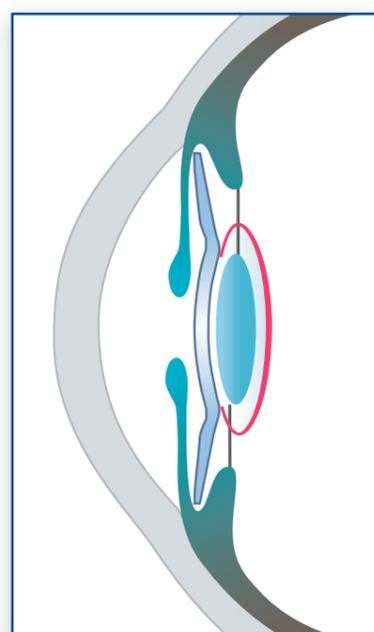


Intraocular Lenses
 Manufacturer
Cristalens

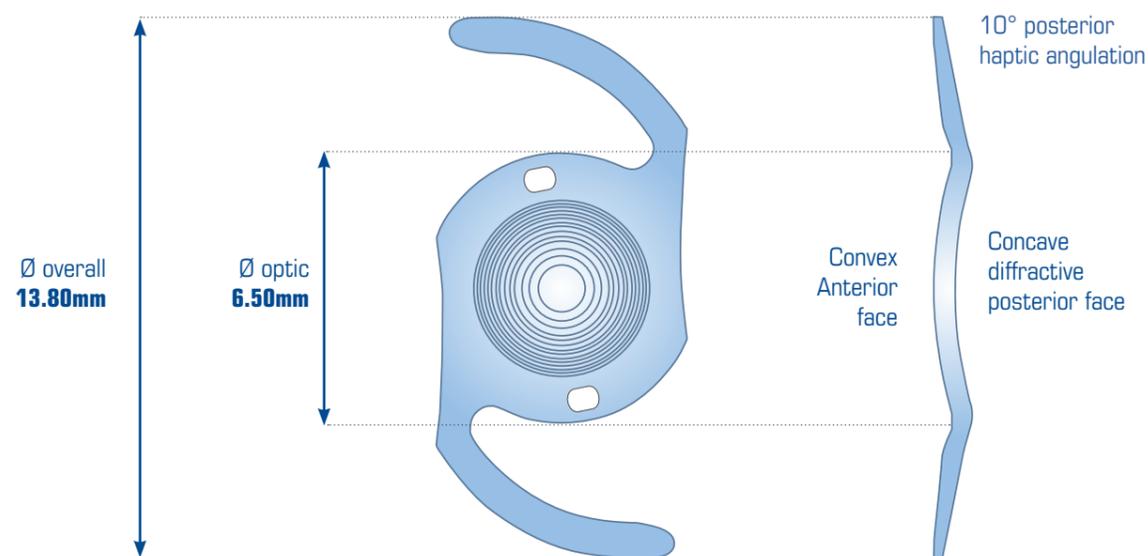
MADE IN FRANCE
 CE 0459

A design fitting the sulcus

For a safe implantation, respecting the anatomy and ensuring optimum performances.

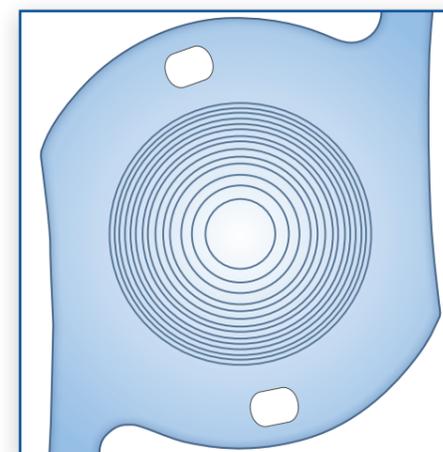


- ✓ Non invasive surgery with micro-incision $\lt 2$ mm.
- ✓ **Rounded haptics** respecting the sulcus' anatomy.
- ✓ **10°** posterior haptic angulation, optic diameter of **6.50mm** and **360°** round edge to avoid pupillary capture or any irritation of the iris.
- ✓ An overall diameter of **13.80mm** adapted to the sulcus size.
- ✓ **A concave posterior face** ensuring in between the two IOLs and a perfect centering with the capsular bag IOL.



Multifocality safely and confidently

Choosing a multifocal lens should not be a dilemma. Because it is never too late to change your mind, you can now correct presbyopia at any time.

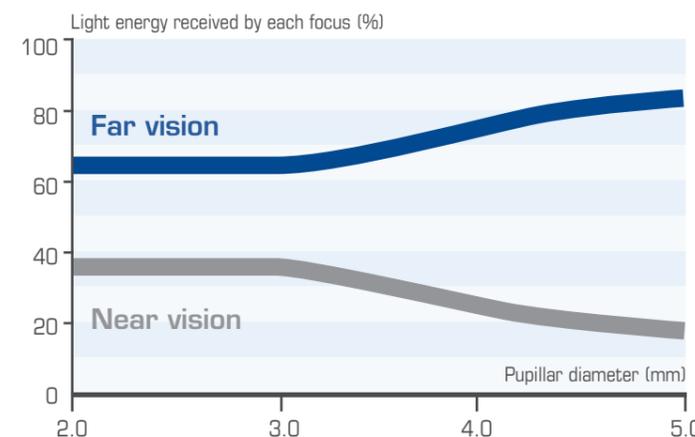
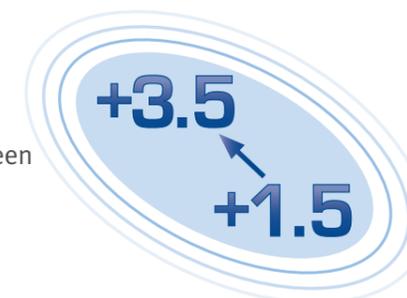


Every cataract surgery in which the crystalline lens is replaced by a monofocal implant is tantamount to **postoperative presbyopia**.

Thanks to the Cristalens Reverso® IOL, spectacle **independence is now a reality**, even after choosing a monofocal lens.

The Reverso® IOL is the result of Cristalens' own R&D team, making it the **1st diffractive multifocal hydrophilic lens** to be implanted in the ciliary sulcus, on top of a monofocal lens located in the capsular bag.

For a bifocal implant, the distance of near vision is determined by the addition. With an addition choice from **+1.5D to +3.5D**, offering a sight distance between 90 cm and 35 cm, the Reverso® IOL enable functional vision **adapted to each patient lifestyle**.



- **The energy distribution** is adjusted to the pupillary diameter so that the addition of a near vision does not compromise the quality of distance vision.
- The far focus receives between 60% and 80% of the light energy and the near focus from 40% to 20%, so as to **avoid the perception of halos in low light conditions**.

The Reverso® IOL does not cause any additional spherical aberration. Therefore the lens located in the bag accounts for the correction of its own spherical aberrations and of the corneal aberrations.