

Trifocal
Toric
Hydrophilic


Technical Specifications

Commercial name	POD FT							
Material	26% hydrophilic acrylic							
Overall diameter	11.40 mm							
Optic diameter	6.00 mm							
Optic	Biconvex aspheric (-0.11 μ SA) toric trifocal diffractive FINEVISION							
Filtration	UV & blue light							
Refractive index	1.46							
Abbe number	58							
Angulation	5°							
Additional power	+ 1.75D for intermediate vision and + 3.50D for near vision							
Injection system	Medical Accuject 2.0 up to 24.5D and Medical Accuject 2.1/2.2 up to 35D							
Incision size	≥ 2.0 mm							
Spherical power	6D to 35D (0.5D steps)							
Cylinder power (IOL plane)	1.00 - 1.50 – 2.25 - 3.00 - 3.75 - 4.50 - 5.25 - 6.00D							
Square edge	360°							
Nominal manufacturer A constant	118.95							
Suggested A constant ¹				Interferometry			Ultrasound	
	Hoffer Q: pACD			5.59			5.35	
	Holladay 1: Sf			1.83			1.57	
	Barrett: LF			1.86			-	
	SRK/T: A			118.95			118.73	
	Haigis²: a0; a1; a2			1.36; 0.4; 0.1			1.13; 0.4; 0.1	
	POD FT 1.0	POD FT 1.5	POD FT 2.25	POD FT 3.0	POD FT 3.75	POD FT 4.5	POD FT 5.25	POD FT 6.0
Cylinder power at IOL plane	1.00D	1.50D	2.25D	3.00D	3.75D	4.50D	5.25D	6.00D
Cylinder power at corneal plane ³	0.68D	1.03D	1.55D	2.06D	2.57D	3.08D	3.60D	4.11D
Recommended corneal astigmatism correction range	0.50D - 0.89D	0.90D - 1.28D	1.29D - 1.80D	1.81D - 2.32D	2.33D - 2.82D	2.83D - 3.33D	3.34D - 3.85D	3.86D - 4.36D

¹ Estimates only: surgeons are recommended to use their own values based upon their personal experience. Refer to our website for updates.

² Not optimized.

³ Savini G., J Cataract Refract Surg 2013; 39:1900–1903.

Product Information

Manufacturer	<p>PhysIOL s.a. - Liège Science Park Allée des Noisetiers 4 B-4031 Belgium +32 4 361 05 49 physiol@bvimedical.com</p>
Certificate information	<p>CE: Certificate N° CE658516 ISO 13485:2016: Certificate n° MD658518 MDSAP: Certificate N° MDSAP 691544 ISO 9001:2015: Certificate N° FM 658519</p>
Shelf life	<p>Five (5) years from manufacturing date</p>
Intended Use	<p>Intended use (for all IOLs): The posterior chamber intraocular lens which is intended to be placed into the capsular bag for the replacement of the human lens to achieve the visual correction of aphakia in adult patients in whom the cataractous lens has been removed by extracapsular cataract extraction.</p>
Indication for use	<p>The lens should be used as intended in adult patients, with pre-existing astigmatism, surgically treated for cataract, with possibly associated presbyopia, who desire improved uncorrected far vision, useful near and intermediate visual functions and reduced spectacle dependence.</p>
Product Composition	<p>No products of animal or human origin are present in the implant. The implant is made of the HELIOFLEX material, composed of an acrylate copolymer Hydroxyethyl methacrylate (HEMA) and Methyl methacrylate (MMA), including a UV and blue light filter</p>
For sterile product	<p>All IOLs from PhysIOL are steam sterilized</p>
Packaging Material	<p>Holder (Polypropylene) Container (Polypropylene) Storage liquid (0.9% NaCl solution) Aluminium lid (Aluminium Gold) Container label (paper) Blister PP (Polypropylene) Tyvek lid</p>
Product Class	<p>MDD Class IIb Sterile, According to European Medical Device Directive 93/42/EEC Not available in the United States</p>

Injection Guidelines

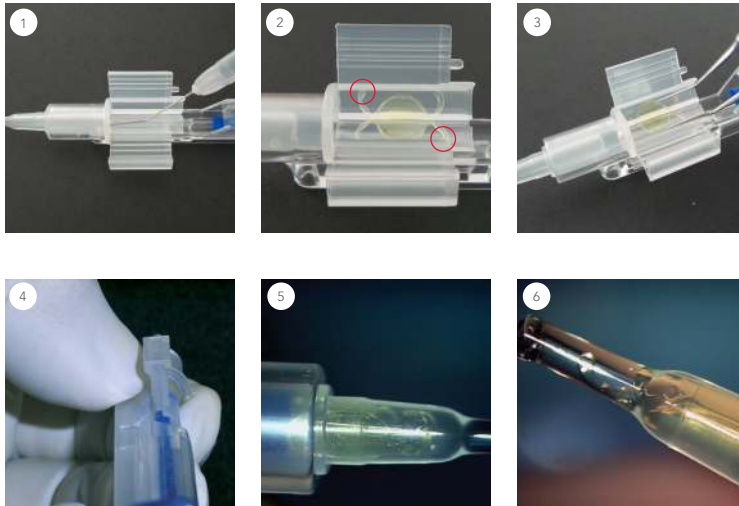
The Medical Accuject injection system is recommended for implanting the FINEVISION TORIC lenses.

This fully single-use system represents total reliability for safe and effective lens injections.

Its compact design with integrated cartridge enables a simple, predictable loading and positioning of the lens.

Accuject 2.0 for lens diopters up to 24.5D

Accuject 2.1 or 2.2 for lens diopters up to 35D



1. Apply ophthalmic viscoelastic device (OVD) into the tip and the loading chamber of the injector cartridge.
2. Remove the lens from the lens holder. Position the lens into the cartridge in such way that the two haptics with the notches are pointing at 1 and 7 o'clock.
3. Exert slight pressure onto the lens optic and make sure that all haptics are inside before further closing the cartridge. Close the cartridge and check the position of the lens.
4. Once the "click-lock" mechanism engages, the lens is securely loaded and ready for injection.
5. Press the injector plunger forward and push the lens into the conical tip of the cartridge.
6. Pull the plunger back a few millimeters and then inject the lens in one continuous motion. For gentle implantation, it is not necessary to fully push the plunger to the bottom of the cartridge.

Surgical Guidelines

Preoperative:

1. Use the PhysiOL Toric Calculator www.physioltoric.eu which will recommend you the 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 FINEVISION TORIC lens is injected in the capsular bag, remove all ophthalmic viscoelastic device (OVD) behind and in front of the lens using I/A canula.
2. With a syringe filled with Balanced Salt Solution (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 micromanipulator.
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.