



**Technical Specifications**

Commercial name	POD L GF		
Material	PhysIOL G-free® (GFY) (hydrophobic acrylic glistening-free) <sup>1</sup>		
LCA	Chromatic aberration-corrected <sup>2</sup> 		
Overall diameter	11.40 mm		
Optic diameter	6.00 mm		
Optic	Biconvex aspheric (-0.11 μ SA)		
Haptic design	Double C-loop & RidgeTech®		
Filtration	UV & blue light		
Refractive index	1.52		
Abbe number	42		
Angulation	5°		
Additional power	Elongated depth of focus energy with + 1.75D & + 3.50D addition		
Injection system	Medicel Accuject 2.0 up to 24.5D Medicel Accuject 2.1/2.2 up to 35D		
Incision size	≥ 2.0 mm		
Spherical power	10D to 35D (0.5D steps)		
Square edge	360°		
Nominal manufacturer A constant	119.40		
Suggested A constant <sup>3</sup>		<b>Interferometry</b>	<b>Ultrasound</b>
	<b>Hoffer Q: pACD</b>	5.85	5.59
	<b>Holladay 1: Sf</b>	2.06	1.80
	<b>Barrett: LF</b>	2.09	-
	<b>SRK/T: A</b>	119.40	119.05
	<b>Haigis<sup>4</sup>: a0; a1; a2</b>	1.70; 0.4; 0.1	1.214; 0.4; 0.1

<sup>1</sup> The PhysIOL G-free® (GFY) is patented since 2010. Chassain C, *J Fr Ophthalmol* 2018, 41(6):513-520.

<sup>2</sup> For far and intermediate vision.

<sup>3</sup> Estimates only: surgeons are recommended to use their own values based upon their personal experience. Refer to our website for updates.

<sup>4</sup> Not optimized.

## Product Information

<b>Manufacturer</b>	PhysIOL s.a. - Liège Science Park Allée des Noisetiers 4 B-4031 Belgium +32 4 361 05 49 physiol@bvimedical.com
<b>Certificate information</b>	CE: Certificate N° CE658516 ISO 13485:2016: Certificate n° MD658518 MDSAP: Certificate N° MDSAP 691544 ISO 9001:2015: Certificate N° FM 658519
<b>Shelf life</b>	Five (5) years from manufacturing date
<b>Intended Use</b>	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.
<b>Indication for use</b>	The lens should be used as intended in patients surgically treated for cataract, with possibly associated presbyopia, who desire improved uncorrected far vision, useful near and intermediate visual functions and reduced spectacle dependence.
<b>Product Composition</b>	No products of animal or human origin are present in the implant. The implant is made of the GFY material proprietary to PhysIOL. It is composed of an acrylate copolymer Ethylene Glycol Phenyl Ether Acrylate (2-Phenoxyethyl Acrylate) (EGPEA) and 2 Hydroxyethyl Methacrylate (HEMA) including a UV light filter and a blue light filter
<b>For sterile product</b>	All IOLs from PhysIOL are steam sterilized
<b>Packaging Material</b>	Holder (Polypropylene) Container (Polypropylene) Storage liquid (0.9% NaCl solution) Aluminium lid (Aluminium Gold) Container label (paper) Blister PP (Polypropylene) Tyvek lid
<b>Product Class</b>	MDD Class IIb Sterile, According to European Medical Device Directive 93/42/EEC Not available in the United States

## Injection Guidelines

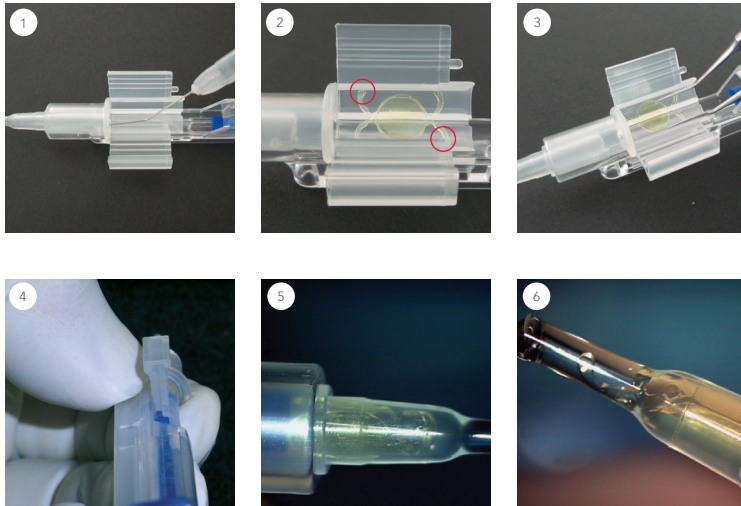
The Medcel Accuject injection system is recommended for implanting the FINEVISION TRIUMF lenses.

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.

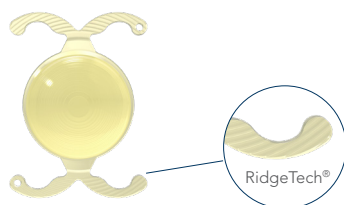
Accuject 2.0 for lens diopters up to 24.5D

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.

## RidgeTech



The **RidgeTech**® design reduces the risk of stickiness between the haptics and the optic.

It ensures a safe injection and reliable unfolding of the lens.