

# MICROPURE

MONOFOCAL OPTIC



## PhysIOL

ADVANCED OPTICAL SOLUTIONS



## MICROPURE

Hydrophobic  
glistening-free IOL

### Technical specifications

Commercial name	<b>MicroPure</b>		
Material	PhysIOL G-free® (hydrophobic acrylic glistening-free)*		
Overall diameter	-10D to 24.5D: 11.00 mm 25D to 35D: 10.75 mm		
Optic diameter	-10D to 24.5D: 6.00 mm 25D to 35D: 5.75 mm		
Optic	Aspheric aberration-correcting (-0.11 $\mu$ SA)		
Filtration	UV & blue light		
Refractive index	1.52		
Abbe number	42		
Angulation	2°		
Injection system	Medicel Accuject 1.8 & Viscoject Bio 1.8 from -10D to 24.5D Medicel Accuject 2.0 / 2.1 / 2.2 & Viscoject Bio 2.2 from 25D to 35D		
Incision size	≥ 1.8 mm		
Spherical power	-10D to 9D (1D steps) & 10D to 30D (0.5D steps) & 31D to 35D (1D steps)		
Square edge	360°		
Nominal manufacturer A constant	119.40		
Suggested A constant**		<b>Interferometry</b>	<b>Ultrasound</b>
	Hoffer Q: pACD	5.85	5.59
	Holladay 1: Sf	2.06	1.80
	SRK II: A	119.80	119.40
	SRK/T: A	119.40	119.05
	Haigis***: a0; a1; a2	1.70; 0.4; 0.1	1.214; 0.4; 0.1

\* The PhysIOL G-free® is patented since 2010.

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

\*\*\* Not optimized.

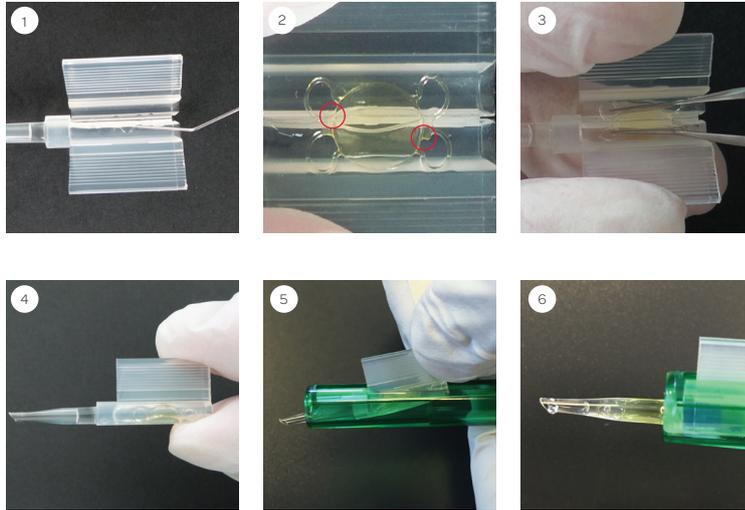
## INJECTION GUIDELINES

The Medcel Viscoject Bio 1.8 / 2.2 and Accuject 1.8 / 2.0 / 2.1 / 2.2 injection systems are recommended for implanting the MicroPure lenses.

These fully single-use systems represent total reliability for safe and effective lens injections.

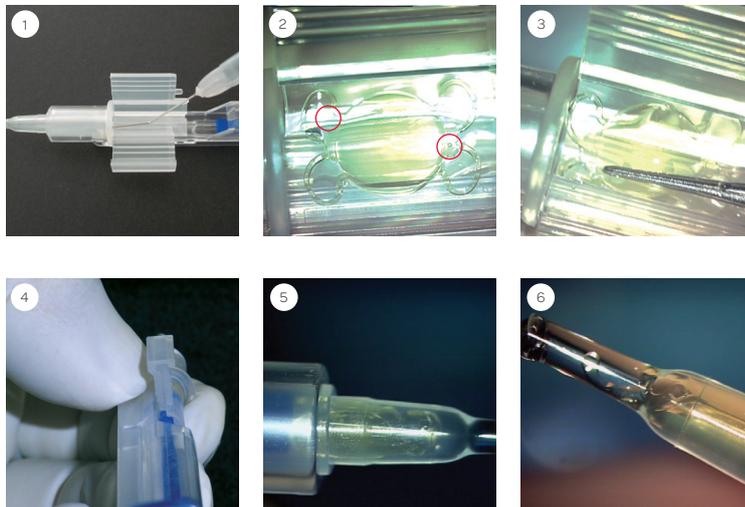
Their compact design with integrated cartridge enables a simple, predictable loading and positioning of the lens.

With Viscoject:



1. Apply viscoelastic 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.
4. Close the cartridge and check the position of the lens. Once the "click-lock" mechanism engages, the lens is securely loaded.
5. Engage the cartridge in the injector.
6. Press the injector plunger forward and push the lens into the conical tip of the cartridge. Pull the plunger back a few millimeters and then inject the lens in one continuous motion. For gently implantation, it is not necessary to push the plunger until the end of the cartridge.

With Accuject:



1. Apply viscoelastic 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. Once the "click-lock" mechanism engages, the lens is securely loaded and ready for injection.
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 gently implantation, it is not necessary to push the plunger until the end of the cartridge.

Distributed by



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