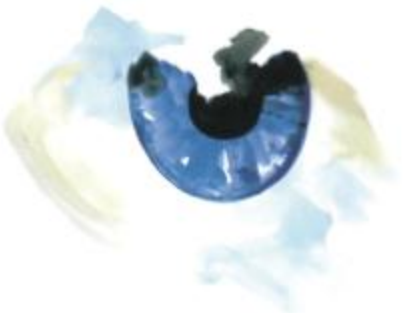


O&O mdc
Ophthalmic & Orthopaedic
medical devices consultant

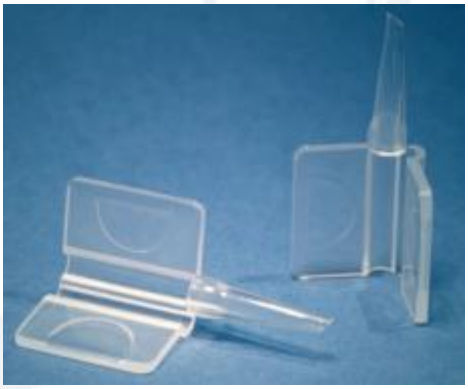
"Nothing generates more value than innovation..."

Within the "O&O mdc" Cartridge Family...

IOL INJECTION CARTRIDGES

- HydroGlide
- HydroGlideMini

The "O&O mdc" disposable cartridges are moulded from a biocompatible Polypropylene copolymer using a patented low temperature injection technique that ensures the smoothness of the material surface by increasing the amorphous phase.
This, in turn, enhances the gliding effect, but, most importantly, any remaining risk of GMS residue is greatly minimized, resulting in contamination-free lens surfaces.
The slow surface migration of the gliding agent gives our cartridges an accepted expiry date of between two and three years.



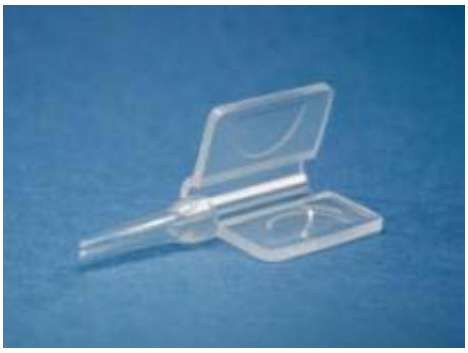
O&O mdc Ltd.
1 West Street, Lewes, East Sussex,
BN7 2NZ, United Kingdom
A Private Limited Company N°4304596
VAT# GB932472231

Website: www.oo-mdc.com
Email: info@oo-mdc.com

O&O mdc S.r.l.
Via Macchia dello Sterparo, 31-2D
00044 Frascati, Italia.
P.IVA – CF: IT09539461005

HydroGlide for 2.6 mm incision:

The **"HydroGlide"** cartridge, used in conjunction with our **"EasyShooter"** disposable Injector with the soft, blue silicone stopper, has a hydraulic effect on the viscoelastic solution, which uniformly pushes on the IOL.
Furthermore, the **"HydroGlide"** cartridge has been designed with a parallel end tip which allows a constant incision size, regardless of the insertion depth.
Depending on whether the surgical technique used is docking or traditional, the surgeon is now able to make a microincision of only **1.70 mm** and **2.60 mm**.



Reference	Theoretical Diameters	
HG-1618-GA	**Oval Shape** Inner Ø: 1.50 mm x 1.70 mm Outer Ø: 1.85 mm x 2.05 mm	

HydroGlideMini for 2.2 mm incision:

The **"HydroGlideMini"** cartridge is thinner and smaller than our traditional **"HydroGlide"** cartridge and is intended to meet today's needs for sub microincision. In combination with our disposable **"EasyShooter"** Injector, it has the same hydraulic effect on the viscoelastic solution, where the soft, blue silicone stopper evenly pushes the IOL through the cartridge funnel.
The **"HydroGlideMini"** cartridge has a parallel end tip as standard, allowing the surgeon to control the IOL injection via a sub microincision of only **1.40 mm** and **2.20 mm** (depending on whether the surgical technique used is docking or traditional).

This significantly reduces both the healing time and the risk of infection to the patient.

Reference	Theoretical Diameters	
HGM-1400-GA	**Round Shape** Inner Ø: 1.40 mm Outer Ø: 1.80 mm	

Inserting IOL into HydroGlide or HydroGlideMini Cartridge:

- Open wide the two cartridge flaps.
- Spread viscoelastic solution on the inner barrel of the cartridge and on the hinge.
- As in Fig.1, place the IOL so that the lens is centred.
- Start folding the cartridge flaps whilst gently pressing on the lens, thus ensuring the IOL is held between the two grooves of the cartridge barrel.
- As in Fig. 2, fold the trailing haptics in towards the optic.
- As in Fig. 3, ensure that neither the haptics nor the optic get caught between the flaps whilst folding.

Fig. 1

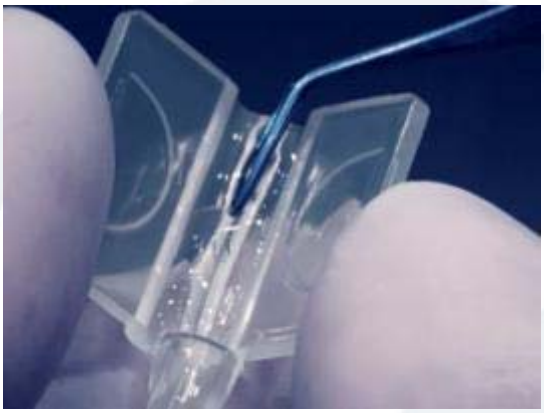


Fig. 2

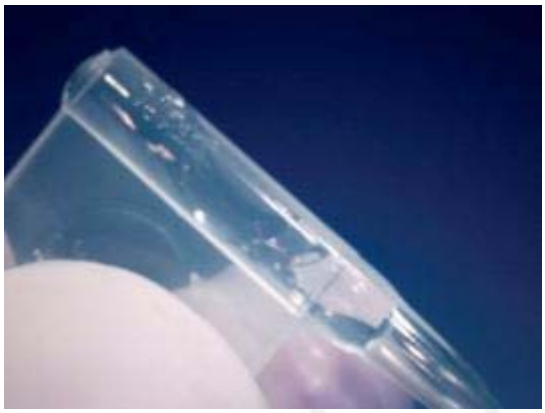


Fig. 3

Using EasyShooter Disposable Delivery System:

The **"EasyShooter"**, with its **"HydroGlide"** and much smaller and thinner cartridge, **"HydroGlideMini"**, ensures the accuracy of the IOL's placement during injection, consequently eradicating any complications during implantation.

- Hold the cartridge by the closed flaps and insert it into the injector body.
- As in Fig. 1, lubricate the entrance of the cartridge barrel with viscoelastic, and/or coat the silicone stopper.
- Avoid IOL dehydration and subsequent cartridge damage by keeping the IOL folded in the cartridge for less than one minute.
- Gently push the injector stopper until it touches the viscoelastic and the IOL.

Fig. 1

- Apply slight pressure to glide the viscoelastic and the IOL into the cartridge barrel. The lens can be observed through the transparent injector body.
- As in Fig. 2, drive the IOL through the cartridge funnel.
- Insert the cartridge tip in the incision towards the capsulorhexis.
- As in Fig 3, deliver the IOL into the patient's eye by applying an even pressure on the push button. Push the lens through slowly and monitor the release of the IOL from the cartridge carefully, finishing before the blue silicone stopper reaches the end of the cartridge tip, as in Fig. 4.

Fig. 2

Fig. 3

Fig. 4

For any queries or comments, please contact:

Cinzia MEUNIER, Email: sales@oo-mdc.com

Thank you for choosing the "O&O mdc" Disposable IOL Delivery System.