



**O&O mdc**  
Ophthalmic & Orthopaedic  
medical devices consultant

"Nothing generates more value than innovation..."

## The "O&O mdc" CTR Delivery System

### The "RingShooter" Preloaded Disposable CTR Injector

**A sophisticated disposable pre-loaded Capsular Tension Ring (CTR) Injector.  
An essential tool for both the surgeon and the patient...**



Constant surveillance of the ophthalmic market helps "O&O mdc" achieve their goal of designing highly efficient, cost-effective Delivery Systems in line with their customers' needs and expectations. Only by using a combination of advanced Medical Grade Polymers and our high-tech injection moulding techniques, are we able to offer such a high standard of Disposable Injectors to our clients. The "RingShooter" CTR Delivery System is extremely user friendly and encompasses the necessity for uncompromising efficiency and safety of patient as standard.

#### **"RingShooter" Preloaded Disposable CTR Delivery System:**

- ✚ This system is fully compatible with any type of CTR and any material (e.g. Cross Link, Compress Moulding and standard PMMA).
- ✚ The "RingShooter" CTR Delivery System has been developed specifically to simplify the safe implantation of a Capsular Tension Ring into the patient's eye in order to stabilise the capsular bag before, during and after cataract surgery.



#### **O&O mdc Ltd.**

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

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Website: [www.oo-mdc.com](http://www.oo-mdc.com)  
Email: [info@oo-mdc.com](mailto:info@oo-mdc.com)

#### **O&O mdc S.r.l.**

Via Macchia dello Sterparo, 31-2D  
00044 Frascati, Italia.  
P.IVA – CF: IT09539461005

- ✦ The injector is equipped with a translucent guide which allows the surgeon to see the movement of the CTR in the cartridge funnel right up to the point of insertion.
- ✦ The “RingShooter”, with its anti-rotating system, ensures that delivery of the CTR into the eye is achieved with optimum results.



### Reasons to use the CTR:

- ✦ Circular expansion and stabilisation of the capsular bag.
- ✦ The CTR should be used whenever there is a loss, or potential loss, of stability in the zonular structures that may result in insufficient support for IOL implantation.
- ✦ Both multifocal and aspheric lenses require precise centration in order to achieve optimum results.
- ✦ CTRs minimize decentration from capsular bag shrinkage and weakened zonules.
- ✦ Fewer capsular stretch folds.
- ✦ Simplification of foldable IOL implantation.

### Using the “RingShooter” Preloaded Disposable CTR Delivery System:

- ✦ Pull the Security Clip to draw the CTR up into the injector cannula, and then remove the Security Clip.
- ✦ Introduce the tip of the cannula into the capsular bag.
- ✦ Implant the CTR into the capsular bag by carefully depressing the plunger.
- ✦ Ensure that the CTR is correctly positioned and that the plunger is fully extended.
- ✦ The CTR is then released from the injector by removing the injector hook from the CTR eyelet.
- ✦ Finally, draw the hook back up into the injector before removing it from the capsular bag to avoid any tissue damage.



### Injector Packaging:

- ✦ The “O&O mdc” “RingShooter” can be individually packed in a double PETG blister, sealed with a Tyvek® lid, to ensure perfect sterile conditions. To have the CTR packed preloaded with our injection system is therefore a viable option.
- ✦ This affords an ease of use and provides a means for excellent presentation to your clients.



- + CTR manufacturers can choose different methods of sterilisation for the injectors (which are not delivered in sterile conditions) such as Gamma, EtO or H2O2 Plasma.
- + Our customers now have the opportunity of making up their own blister packs by buying flat PETG sheets and Tyvek® Lids and using the Universal Blister Packing machine, available from Tommy Nielsen in Denmark. <http://www.tommy-nielsen.dk>

The “**O&O** mdc” “**RingShooter**” injector body can also be personalised with your company logo, and is available in a variety of colours.

**For any queries or comments, please contact:**

Cinzia MEUNIER, Email: [sales@oo-mdc.com](mailto:sales@oo-mdc.com)

Thank you for choosing the “**O&O** mdc” Disposable CTR Delivery System.