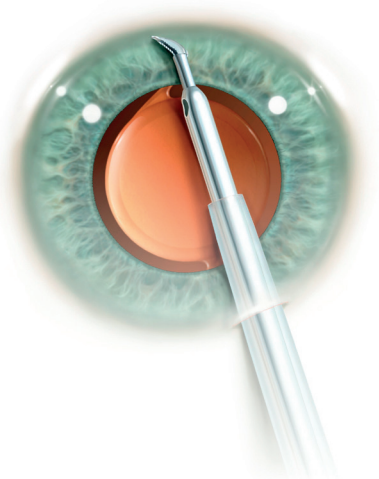
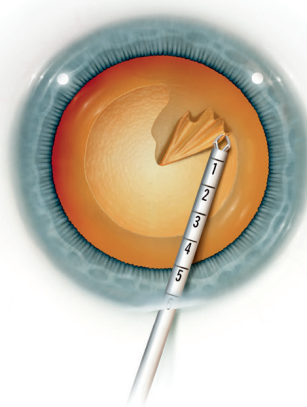
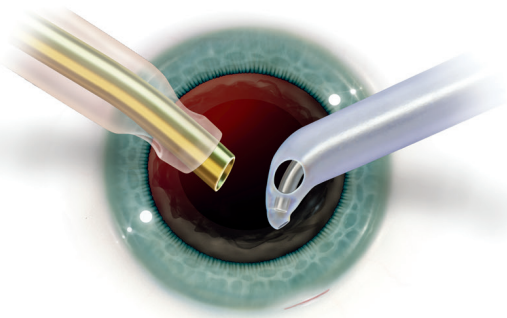


Bringing Innovation to Ophthalmology

Pupil Expansion





Our passion is creating exceptional products that improve vision for patients all over the world.

At MST, we strive to equip surgeons with the most innovative tools available, enabling them to achieve the best possible outcomes for their patients.

That's why we're constantly evolving to meet the distinct clinical needs of ophthalmic surgeons through our dedicated partnership with surgeon-designers, bringing innovation to ophthalmology.

Every MST product meets the highest standards and is designed to instill confidence during surgery. The MST team invests extraordinary care and attention into all elements of our products—not only in function but also in packaging, look and feel, and ease of adoption into the practice.

We stand by our high-quality products by providing samples, loaners, and surgical demos; all-inclusive warranties and guarantees; and personal service to create the best possible customer experience.

MST—bringing innovation to ophthalmology.



Every MST product comes with our 30-day, no-questions-asked, money-back guarantee. We're confident you will love our thoughtfully designed, high-quality products, but we're happy to offer a full refund should you decide they aren't for you.



Surgeons drive innovation at MST. Most of our unique products were developed when practicing surgeons came to us with an idea to solve a distinct clinical need.



Request samples, free loaner equipment or a surgical demo to try our products risk-free. We want to get our products in your hands so you can judge our design and quality for yourself.



All MST durable forceps, scissors and snare instruments—as well as their handles—carry a three-year, all-inclusive repair warranty. If an instrument is damaged through normal use, MST will repair it for free.



All MST products are sourced and developed in Redmond, Washington. We are a proud creator of U.S. jobs and we ensure the highest quality for all of our products—from the inception of a new device all the way to shipping to our customers.

Come in. We're open.

The Malyugin Ring Classic

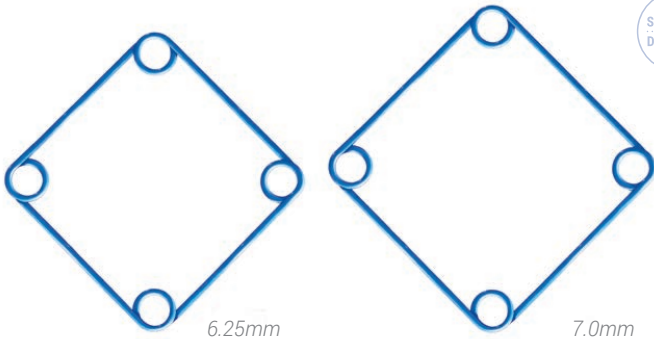
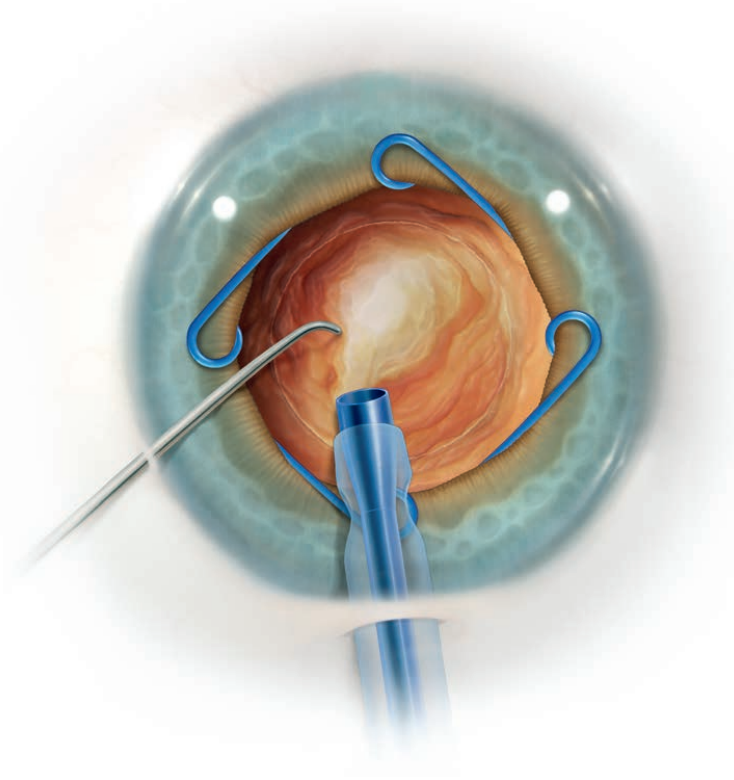
Manage small pupils and IFIS¹ with ease. The Malyugin Ring facilitates gentle, stable expansion of the iris during cataract surgery, making complex cases simpler and more routine. The Malyugin Ring Classic provides the following benefits:

No additional incisions. The Malyugin Ring Classic fits through your main incision (2.2mm or larger) and eliminates the need to make additional paracentesis.

Gentle expansion. The Malyugin Ring Classic provides eight points of contact on the iris, providing evenly-dispersed tension on the iris sphincter.

Save OR Time. The Malyugin Ring Classic is easily inserted and removed directly from the iris plane, providing you with complete control and reducing valuable OR time.

In 2014, Robert Osher, M.D. helped us continue the innovation of the Malyugin Ring by creating an injector that allowed for easier release and re-engagement of the ring. We are now thrilled to provide you with the Osher Modification to the Malyugin Ring Injector.



Malyugin Ring Classic

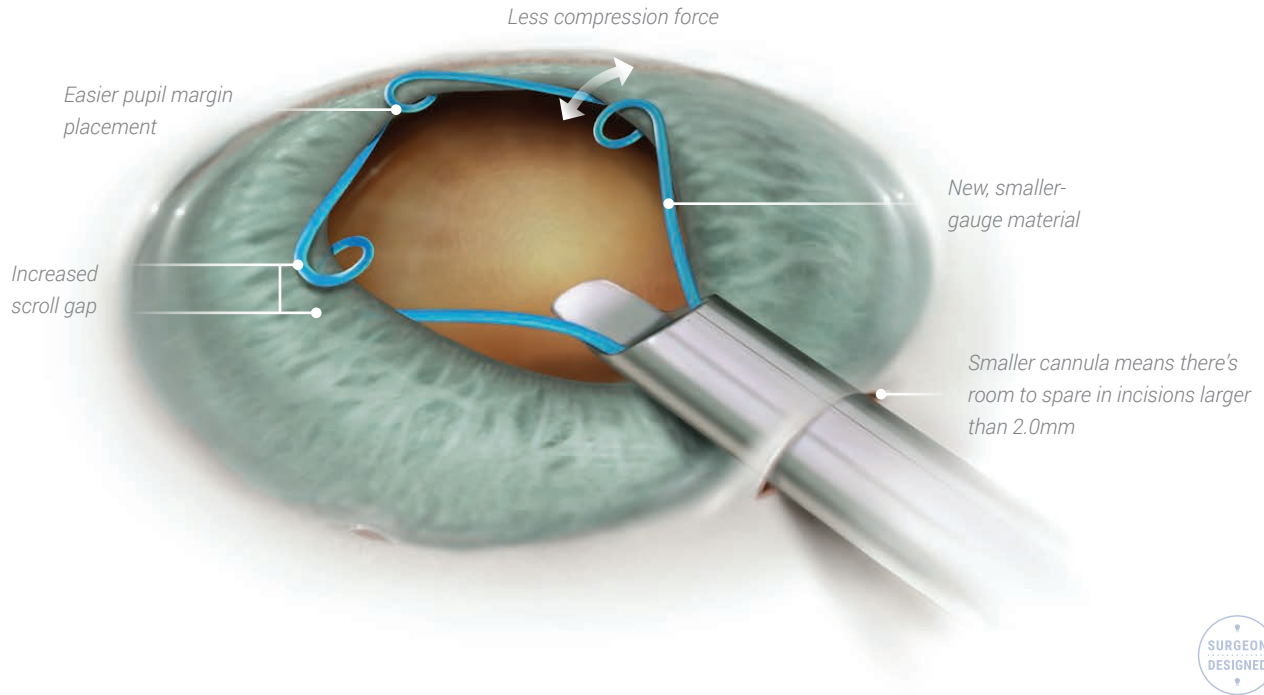
MAL-0001
6.25mm

MAL-0002
7.0mm



¹David F. Chang, MD, Use of Malyugin pupil expansion device for intraoperative floppy-iris syndrome: Results 30 consecutive cases. JCRS; 34:835-841 (May 2008)

Nothing's changed... Except for everything.



Introducing the Malyugin Ring 2.0

After several years of work, we are proud to introduce the Malyugin Ring 2.0. As we considered our next generation design, we wanted to create a device that would provide the same or better safety as the Malyugin Ring Classic while bringing added features that made the device even gentler and even easier to use. The Malyugin Ring 2.0 is made with smaller material and provides these additional benefits:

Increased space in the scroll gap. The Malyugin Ring 2.0 features more space between the anterior and posterior scrolls, providing easier engagement and disengagement from the iris.

More flexible. The Malyugin Ring 2.0 requires less than half as much force to compress the ring scroll to scroll than the classic version. This translates to greater flexibility and an even gentler expansion of the iris.

Small incision access. The Malyugin Ring 2.0 injector allows for entry into 2.0mm incisions and provides more room to work in wounds larger than that.

Malyugin Ring 2.0

MAL-1001
6.25mm

MAL-1002
7.0mm

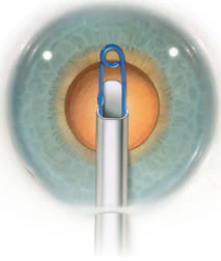


Malyugin Ring
Classic

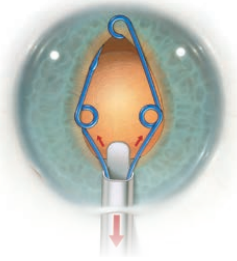


Malyugin Ring 2.0

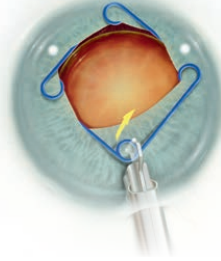
Ring Placement



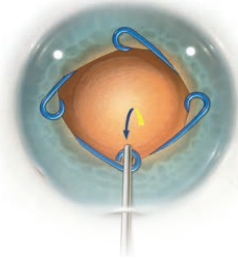
With viscoelastic in the anterior chamber, inject the ring starting with the cannula end at the mid-pupil.



Inject while simultaneously retracting the injector. Pointing the distal tip of the injector down eases placement of the lateral scrolls.

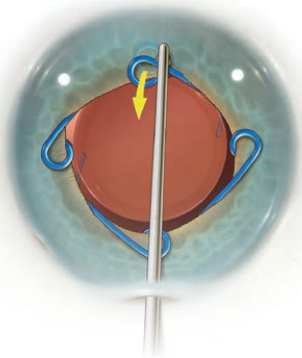


To disengage, lift before placing the proximal scroll in the iris.

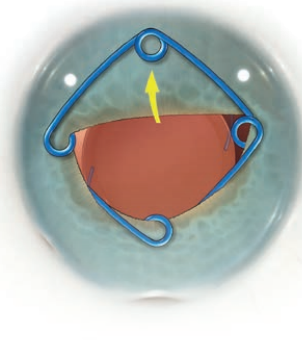


Use the Osher/Malyugin Manipulator to place the proximal scroll.

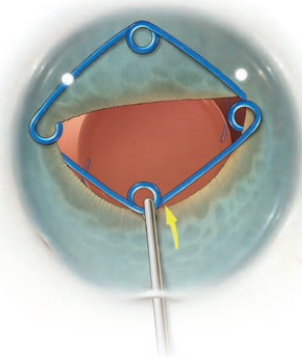
Ring Removal



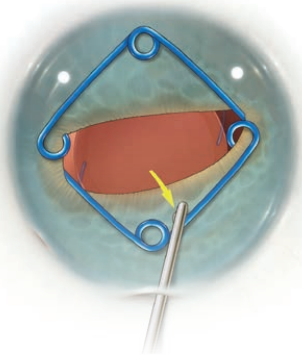
Use the Osher/Malyugin Manipulator to disengage the distal scroll.



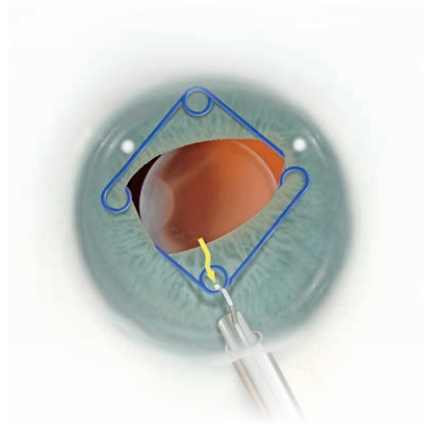
Place the distal scroll on the anterior iris.



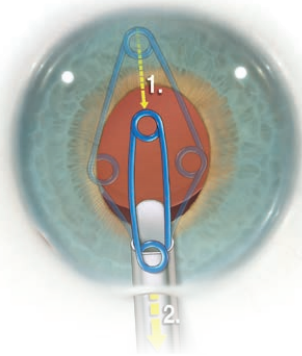
Move the proximal scroll toward the center of the pupil and a bit anterior to disengage.



Place the proximal scroll into the anterior iris.

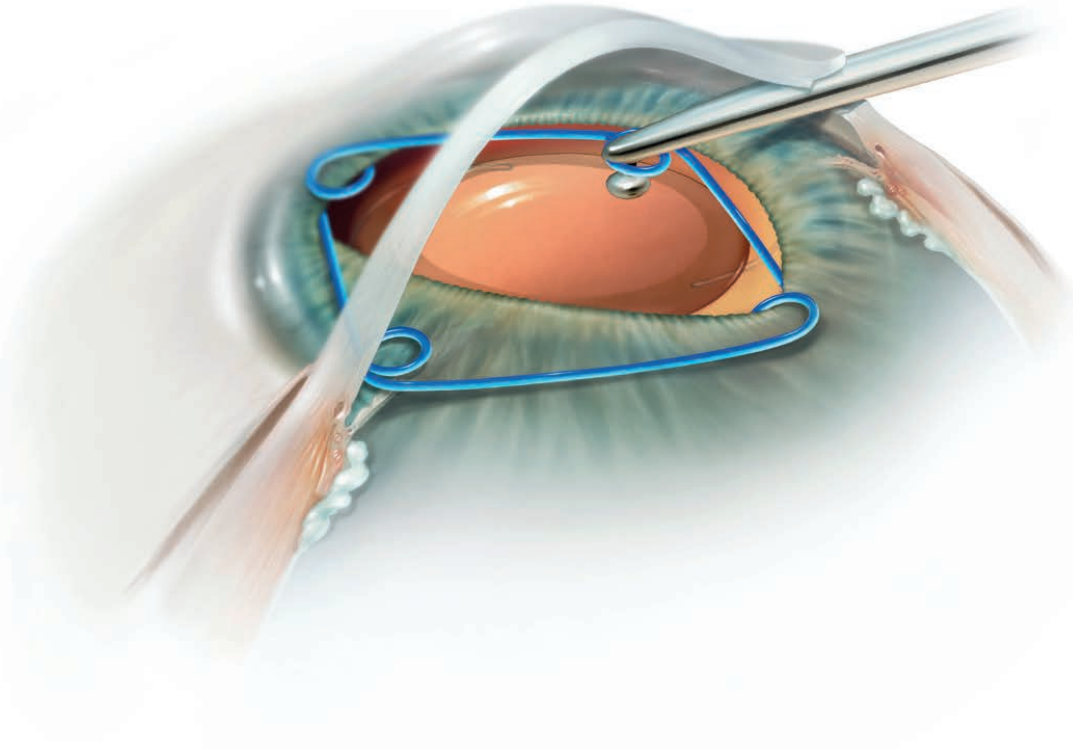


Enter the proximal scroll, and pull by moving the button back.



Stop when the lateral scrolls meet at the cannula, then remove the assembly.

They were made for each other.



The Osher/Malyugin Manipulator

There are several instruments that a surgeon might consider using when inserting and removing the Malyugin Ring, but only one was designed to work hand-in-hand with the Malyugin Ring specifically.

With a design from Robert Osher, M.D., the Osher/Malyugin Manipulator was created to fit the specific dimensions and tolerances of the ring. The device fits inside the scrolls of the Malyugin Ring to allow for complete control when placing the ring or removing it from the iris.

Continuing from our original design, Dr. Osher also helped us craft the Osher/Malyugin Manipulator 2.0, an updated version that is the best fit for the new dimensions and tolerances of the new Malyugin Ring 2.0.

We are so confident that this is the best, safest tool to use with the Malyugin Ring, we include one free with your first order of the Malyugin Ring Classic or Malyugin Ring 2.0.*

**Limit one per facility.*



Osher/Malyugin Manipulator Classic

MAL-0003

Compatible with Malyugin Ring Classic



Osher/Malyugin Manipulator 2.0

MAL-1003

Compatible with Malyugin Ring 2.0



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MST—bringing innovation to ophthalmology.

