





### The Visian ICL Advantages

Many vision correction procedures promise an improved level of vision, but few vision correction alternatives offer the quality and features found with the Visian ICL.

#### These include:

- O Sharp, clear vision 1, 2, 3
- O 99% patient satisfaction 4
- O Excellent night vision 5
- Quick results
- O Great for those with thin corneas 6,7
- O Does not induce dry eye syndrome 8
- A removable option
- In harmony with your natural eyes
- UV protection
- Treats moderate to high myopia (nearsightedness)
- Treats astigmatism

#### What It Is and How It Works

Visian ICL, also known as the Implantable Collamer® Lens, is a type of refractive procedure to help correct common visual problems, such as myopia and astigmatism.

Simply put, our procedure can be described as additive vision correction. Unlike other procedures, the Visian ICL procedure does not remove corneal tissue, but works in harmony with your natural eyes.

#### Our Advanced Collamer® Lens Material

Collamer is a proprietary material used exclusively by STAAR Surgical in our Visian ICL and other corrective lenses. This material consists of collagen which naturally occurs in your body. Visian ICL Collamer technology provides exceptional quality of vision.

#### The Visian ICL Benefits

#### **Legacy of Success**

The Visian ICL has been approved in Europe since 1997 and in the U.S. since 2005. In that time, over 1,000,000 eyes have been implanted with Visian ICLs by certified, specialized surgeons.<sup>9</sup> In a clinical trial, patients reported a 99% satisfaction rate.<sup>4</sup>

#### In Harmony with your Natural Eyes

Our procedure can be described as additive vision correction. Unlike other procedures, the Visian ICL procedure does not remove corneal tissue, but works in harmony with your natural eye.

#### A Removable Option

Visian ICL patients can correct their vision with peace of mind. In the event of a major prescription change or the availability of new vision correction options, Visian ICL is completely removable, assisting our patients, together with their doctor, to make changes to keep pace with technology and their changing needs.

#### A Quick Procedure and Recovery

The Visian ICL Collamer material enables our insertion method to be minimally invasive. With only a small incision, we can optimize the procedure and recovery time dramatically. Additionally, the procedure is also painless because of the numbing medication. Patients can expect a short recovery time. The procedure is 20-30 minutes or less and most people are able to resume daily activities in just a few days with clearer vision.

#### **Protection From UV Rays**

By gently inserting our Visian ICL into the eye we're able to create a barrier of UV protection. The Collamer material that makes up our Visian ICLs has unique properties that provide UV protection while letting natural visible light pass through unaltered.





# Outstanding Outcomes<sup>10</sup> and Established Safety<sup>11</sup>

#### **Technology Suited to High Demands**

Since 2006, the Visian ICL has been improving the vision of the bravest people in our nation under harsh conditions. In fact surgeons in the U.S. Military have implanted over 10,000 Visian ICLs <sup>9</sup> with exceptional results.<sup>6</sup>



#### In a study consisting of military soldiers:6

- 96% of patients had 20/20 visual acuity or better
- 99% were able to see the same as or better than before surgery wearing contacts or glasses

If the Visian ICL can meet the demands of soldiers in the US Military, imagine what it can do for you!

#### **Established Safety Profile**

The Visian ICL has an established safety profile. A study has shown that the Visian ICL provides safe postoperative results with a very high patient satisfaction of over 99%.<sup>4</sup>



# What to Expect During the Visian ICL Implantation Process

#### Prior to Surgery (2 to 3 weeks)

Your doctor will schedule a procedure to prepare your eye for implantation of the Visian ICL. This is necessary to ensure the fluid inside your eye flows properly after your surgery. After this procedure, you will be given eyedrops to prepare your eyes for surgery.

#### The Day of Surgery

It is important that you do not drive yourself home so make arrangements before the day of surgery. Prior to implantation, you will receive anesthetic eye drops to minimize any discomfort. Your surgeon may also administer a sedative. Then, a small opening will be made into your cornea that will be used to insert and position the lens. Next the lens is injected, gently unfolding in your eye. That's it—the procedure usually takes about 20-30 minutes! Recovery time is short. A few hours after the procedure you will be able to leave the clinic.

#### After Surgery (Just a few days)

To complete the procedure, the surgeon will provide eye drops to help prevent infection and inflammation. You will continue to use these drops for several days once you are home.

Do not rub your eyes, especially for the first 3 to 5 days. If you experience pain or notice any sudden decrease in vision, you should contact your doctor immediately. After that your only instructions are to check in for eye exams on a routine basis.



#### **Good For You to Know**

The Visian ICL is approved for use by the U.S. Food and Drug Administration (FDA) in patients from 21 to 45 years of age with a correction in myopia ranging from -3.0 D to -15.0 D with or without astigmatism up to 4.0 D and a reduction in myopia ranging from -16.0 to -20.0 D.

The Visian ICL should not be used in people who have the following characteristics:

- Anterior Chamber Depth (ACD) of < 3.0 mm
- Anterior chamber angle less than Grade III as determined by gonioscopic examination
- Are pregnant or nursing
- O Do not meet the minimum endothelial cell density

Results may vary and the Visian ICL may not be right for everyone. Like all surgical treatments of the eye the Visian ICL carries various risks. Consult with your healthcare provider to learn more about the Visian ICL, possible complications, and to see if you will be a candidate for the Visian ICL.





# Discover what you've been missing with Visian ICL!

- Sanders D. Vukich JA. Comparison of implantable collamer lens (ICL) and laser-assisted in situ keratomileusis (LASIK) for Low Myopia. Cornea. 2006.
- Shin, JY. Ahn, H. Seo, KY. Kim, EK. Kim, TK. Comparison of higher order aberrations after implantable collamer lens implantation and wavefront-guide LASEK in high myopia. J Refract Surg. 2012; 28(2): 106-111.
- Igarashi, A. Kamiya, K. Shimizu, K. Komatsu, M. Visual Performance after implantable collamer lens implantation and wavefront-guided laser in situ keratomileusis for high myopia. Am J Opthalmol. 2009.
- 4. MICL PMA data.
- Parkhurst, GD. Comparison of Night Vision and Contrast Sensitivity in Patients Undergoing Implantable Collamer Lens Implantation or LASIK. Presented at: American Academy of Ophthalmology (AAO); October 19, 2010; Chicago, IL.
- 6. Parkhurst, G. Psolka, M. Kezirian, G. Phakic intraocular lens implantantion in United States military warfighters: A retrospective analysis of early clinical outcomes of the Visian ICL. J Refract Surg. 2011;27(7):473-481.



- 7. Gimbel, Howard V et al. Management of myopic astigmatism with phakic intraocular lens implantation. Journal of Cataract & Refractive Surgery, Volume 28, Issue 5, 883–886.
- Naves, J.S. Carracedo, G. Cacho-Babillo, I. Diadenosine Nucleotid Measurements as Dry-Eye Score in Patients After LASIK and ICL Surgery. Presented at American Society of Cataract and Refractive Surgery (ASCRS) 2012.
- 9. Data on file. STAAR Surgical.
- 10. Packer M. Meta-analysis and review: effectiveness, safety, and central port design of the intraocular collamer lens, Clinical Ophthalmology. 2016, 10:1059-1077
- Lee, J., Kim, Y., Park, S., Bae, J., Lee, S., Park, Y., Lee, J., and Lee, J.-E. (2015) Long-term clinical results of posterior chamber phakic intraocular lens implantation to correct myopia. Clinical and Experimental Ophthalmology, doi: 10.1111/ceo. 12691.



## Important Safety Information for the Visian ICL and Visian Toric ICL

It is important to consider that Visian ICL and Visian Toric ICL is approved by the Food and Drug Administration (FDA) which means it has been determined to be safe and effective. As with any procedure, there are risks to consider. If you have any questions or concerns it's always best to speak with a certified Visian ICL doctor. The Visian ICL product family is designed for the correction or reduction of moderate to high nearsightedness and astigmatism. Visian ICL surgery is intended to safely and effectively correct or reduce nearsightedness between -3 diopters to -20 diopters in eyes with astigmatism up to to 4.0 D. If you have nearsightedness or astigmatism within these ranges, Visian ICL surgery may improve your distance vision without eyeglasses or contact lenses. Because the Visian ICL corrects for distance vision, it does not eliminate the need for reading glasses, you may require them at some point, even if you have never worn them before. Implantation of the Visian ICL is a surgical procedure, and as such, carries potentially serious risks. Please discuss the risks with your eye care professional. Complications, although rare, may include need for additional surgical procedures, inflammation, loss of cells from the back surface of the cornea, increase in eye pressure, and cataracts. You should not have Visian ICL surgery if: your doctor determines that the shape of your eye is not an appropriate fit for the Visian ICL; you are pregnant or nursing; you do not meet the minimum endothelial cell density for your age at the time of implantation as determined by your eye doctor; your vision is not stable as determined by your eye doctor. Before considering Visian ICL surgery you should have a complete eye examination and talk with your eye care professional about Visian ICL surgery, especially the potential benefits, risks and complications. You should discuss the time needed for healing after surgery.

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