

Your eyes deserve to see their best.

 **Visian ICL**<sup>®</sup>

The Implantable Collamer<sup>®</sup> Lens

## Your Choice for the Best Quality of Vision Correction

STAAR Surgical's Visian ICL® has a proven track record of providing improved quality of vision. When compared to other surgical vision correction procedures, the Visian ICL delivers sharper vision and high patient satisfaction. The immediate improvement of vision quality and the remarkably short and painless recovery creates a unique "WOW!" factor you will notice immediately.

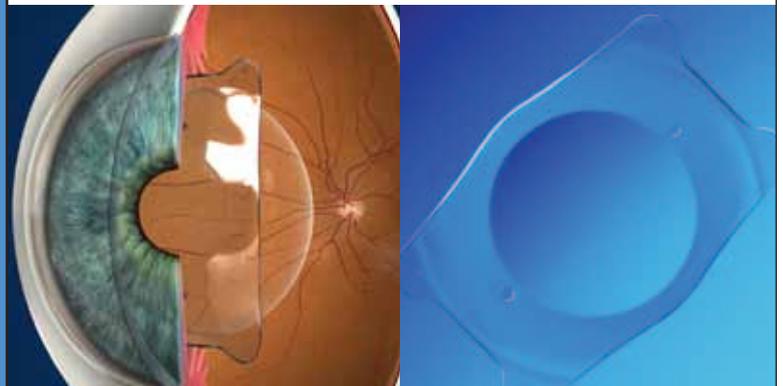
The Visian ICL is the procedure of choice for patients who need and expect higher quality results in performance and safety. In fact, the US Military has embraced the Visian ICL because of the reliable visual clarity it achieves. The Visian ICL is clearly the choice for patients with an active lifestyle and those who cannot accept anything less than the highest quality vision.

### **What It Is and How It Works**

The Visian ICL is an Implantable Collamer Lens that works with the eye to correct vision. Unlike traditional contact lenses that go on the surface of the eye, the Visian ICL is positioned into the eye between the iris (the colored part of the eye) and the natural lens where it stays indefinitely. If your vision changes dramatically, however, it can be removed from the eye.

### **Technologically Advanced Lens Material**

Unlike other lenses, the Visian ICL is made from Collamer, a technologically advanced lens material exclusive to STAAR Surgical. Because of the collagen base in Collamer, it is biocompatible with the eye (not seen as a foreign object to the body) and provides exceptional quality of vision. The lens rests quietly in position while accurately correcting vision. The Visian ICL is the best choice for a lens that is going to remain inside your eye for a lifetime.



## The Visian ICL Advantages

### High Definition Vision

For years, the only method of permanent vision correction that didn't involve glasses or contact lenses was corrective laser eye surgery. With the advent of the Visian ICL, however, that's all changed. Now, you can enjoy "High Definition Visian™" – a new level of vision correction that's sharper, clearer, more vivid, and has greater depth and dimension – in a simple, 15-minute outpatient procedure.

### The "Wow" Factor

After the simple 15-minute outpatient procedure, patients experience an immediate improvement in vision quality and are "Wowed" by the results. In fact, the quality of vision achieved is many times often better than any previous vision correction solution.

### Designed to be Permanent, Yet Is Removable

One of the important advantages of the Visian ICL is that while it can permanently correct your vision, the lens can be simply removed and/or replaced if necessary. Also, concerns involving the cornea typically do not apply to the Visian ICL, as no natural corneal tissue is permanently removed or reshaped in any way during implantation. LASIK, on the other hand, involves cutting and removing eye tissue that cannot be replaced.

### Short Recovery Time

The recovery for the Visian ICL is quick and pain-free, and may be as little as one day, due to the very small size of the opening required. Patients typically experience minimal discomfort, and many times go back to work the next day.

### Invisible and Undetectable

Because the Visian ICL is positioned between the iris and natural eye lens, the lens is invisible to both the patient and any observer. Also, its positioning in the eye maintains normal iris function and promotes stability.

### UV Protection

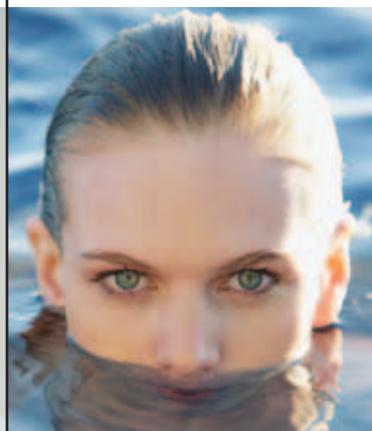
Long-term exposure to UV radiation can damage the eyes; and longer term or more intense exposure increases the chance of eye disorders including the development of cataracts and some retinal problems. As an added feature, the Visian ICL advanced lens material contains a UV blocker that actually prevents harmful UVA and UVB rays from entering the eye, possibly preventing the development of UV related eye disorders.

### Does Not Cause Dry Eye

Visian ICL does not cause or contribute to dry eyes, a common side effect associated with LASIK procedures. If you have dry eyes, ask your doctor if the Visian ICL may be the best vision correction option for you.

### Treatment Flexibility for the Future

Your vision changes as you grow older and eventually almost everyone will need cataract surgery. An important benefit with the Visian ICL is that you have options. The lens can be removed and replaced if your vision changes substantially, or you have had another procedure at any time. This is an important benefit compared to LASIK because the natural structures of the eye are not altered in any way. With LASIK, tissue is actually removed, making future treatment options extremely limited and the predictability of those surgical treatment outcomes difficult to determine.





## The Ultimate Performance for the Ultimate in Satisfaction

When nothing less than ultimate vision performance will do, super athletes and elite US Military personnel choose the Visian ICL. Why? Because they had a choice and they chose the best technology for their individual vision needs. There have been over 180,000 patient eyes treated worldwide—are you ready to get the best in performance and satisfaction for your eyes?

### Superior Technology for Super Athletes

In 2008 Team USA bobsled pilot Steven Holcomb almost gave up the sport because of his poor vision. His eyesight was reported to be 20/500 and was extremely limiting his performance on the ice. When he could no longer compete with contact lenses and other treatment options did not fit his individual needs, he almost gave up. Then his doctor said he was an ideal candidate for the Visian ICL.

After the Visian ICL procedure Holcomb not only achieved 20/20 vision, he went on to win gold medals at both the 2009 World Championships and 2010 Olympics. This was the first bobsledding gold medal win for the US in 62 years.

***“It was about ten minutes, and as soon as I was up I could see 20/20. It’s been pretty incredible ever since and literally a year later I’m a world champion.”***

If the Visian ICL can help him perform like a champion going 100 mph on slick ice, you can imagine how it can improve your vision for your active, fast-paced lifestyle.



## Highly Advanced Technology for the “Best of the Best”

### When Nothing Less Than Ultimate Vision Performance Will Do.

Since it was introduced in 2006, the Visian ICL has been improving the vision of the bravest people in our nation under the harshest conditions imaginable. In fact, to date, surgeons in the US Military have implanted over 3,000 Visian ICLs with results that are nothing short of heroic.

In studies conducted to evaluate the eyes of the US Military that received the Visian ICL, these were the results:

- More than 98% of patients had 20/20 visual acuity or better
- 100% were able to see better than before surgery wearing contacts or glasses
- 100% believe they function and perform better

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

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## The Potential Risks of Refractive Eye Surgery and The Visian ICL Procedure

### **The potential risks of refractive eye surgery.**

As with any surgical procedure, there are potential complications associated with the surgery itself; these include: irritation of the conjunctiva, corneal swelling, eye infection, non-reactive pupil and irritation of the iris. In the vast majority of cases, these complications



are short term, transient in nature, and will be treated by the doctor performing the surgery.

Other complications that can occur are associated with the correction of your vision; these include: halo and/or glare around lights, under or over correction of your vision (which may require retreatment), induced dry eye, and induction of higher order aberrations that can impact quality of vision. Again, the vast majority of these complications will be treated by the doctor performing your surgery. The Visian ICL procedure, unlike LASIK, does not cause or worsen dry eye, does not induce spherical aberrations and if necessary, the lens can be removed from the eye.

### **The potential risks of the Visian ICL procedure.**

Early complications reported at the time of surgery or within the first week after Visian ICL surgery include: removal and reinsertion of the VISIAN ICL at the time of initial surgery; removal or replacement of the VISIAN ICL after surgery; pupillary block resulting in raised eye pressure, which may necessitate the creation of an additional peripheral iridotomy to improve fluid flow, or by clearing the iridotomy made prior to implantation of the lens.

Potential Complications that can occur after the first week post surgery include: the development of small



cloudy areas or opacities on your natural crystalline lens, which may or may not cause visual symptoms – in a very limited number of cases these opacities can become more widespread and develop into a cataract. Other complications include an increase in the rate of endothelial cell loss (a loss that occurs naturally with age) from the back surface of the cornea (which may require lens explantation and could result in a corneal transplant) and an increase in the pressure inside of the eye (post-op drops are used to minimize pressure increase).

You should carefully review all of the benefits and risks of the Visian ICL eye surgery with your eye care professional before making the decision to proceed with the procedure.

## Corrects a Wide Range of Vision Needs

If you are between 21 and 45 and nearsighted, you are an excellent candidate for the Visian ICL. It is preferable that you have had no previous ophthalmic surgery or history of ophthalmic disease such as glaucoma, iritis, or diabetic retinopathy.

### Extreme Refractive Error

Refractive error in the focusing of light by the eye is

### Dry Eyes

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### Excellent Safety Profile

The Visian ICL has an excellent safety profile compared to other procedures. With LASIK and PRK, there may be



a frequent reason for reduced visual acuity. Anyone seeking clear vision may be a candidate for the Visian ICL, including patients with refractive error as low as -3 diopters up to as high as -20 diopters.

### Thin Corneas

The cornea is the curved surface on the front of the eye. The Visian ICL does not have any effect on the cornea and may be appropriate if you have thin corneas, unlike LASIK procedures that actually remove part of the cornea.

side effects such as dry eye and thinning of the cornea. The LASIK procedure involves permanent removal of tissue from the cornea, which means some of its complications may be irreversible. Because PRK surgery requires that the outer layer of cells covering the cornea be removed during the procedure, there is an increased healing time for the eye and may be more painful than other procedures due to the removal of the epithelial cells.

## What to Expect During the Visian ICL Implantation Process

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

Your doctor will schedule a YAG laser iridotomy 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.

This is virtually painless as your doctor will apply numbing drops to the eye before making tiny openings in the colored portion of the eye with a laser beam.



After the iridotomy 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 topical anesthetic drops to minimize discomfort. Your surgeon may also administer a sedative.

Then, the doctor will create two micro openings in the edge of your cornea that will be used to position the lens.

The next step is the injection of the lens. The lens is folded and loaded into a small cartridge which will now be placed through the last opening.

As the lens is injected, it will gently unfold in your eye. Special marks on the lens ensure proper positioning.

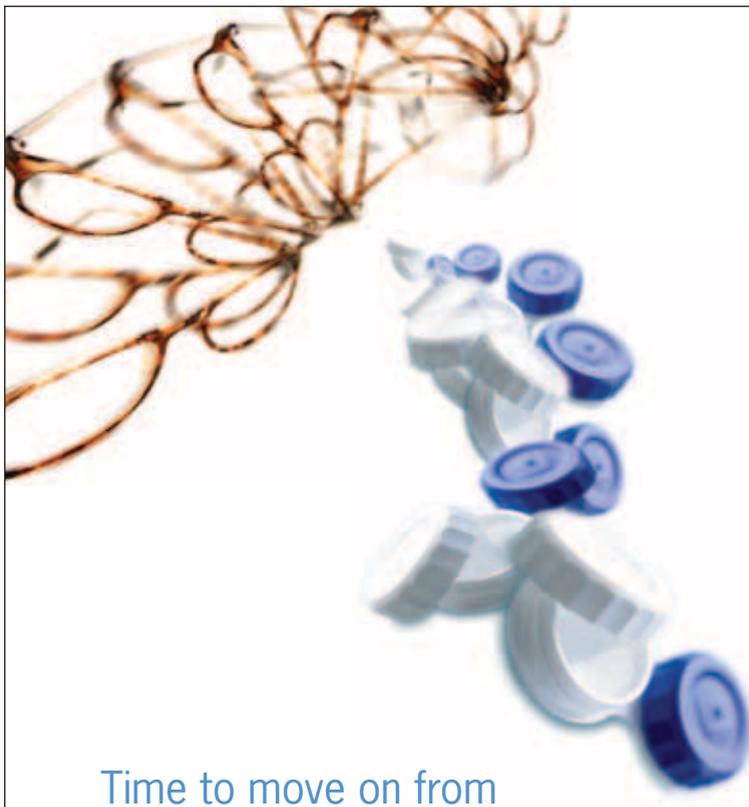
That's it—the procedure takes about 15 minutes! Because the opening is microscopic, it will recover naturally in a very short period of time without needing any sutures. A few hours after the procedure you will be able to leave the clinic.

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

To complete the procedure, the surgeon will instill eye drops which 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.

Then your only instructions are to check in for eye exams on a routine basis.



## Time to move on from contacts and eyeglasses

### **Are contacts and eyeglasses a constant hassle and a huge expense?**

Every morning and every night you have the constant hassle of putting in and taking out your contact lenses. Sometimes you forget to buy cleaning solution. Or you forget to clean your lenses and you could get an eye infection. Let's not forget how easy it is to sit on those glasses. Correction: those \$400 glasses.

If any of these situations sound too familiar then the Visian ICL may be a good option for your individual vision needs. You should ask yourself how much it's worth to have a better lifestyle, to live life without the constant burden and hassle of contacts and eyeglasses.

### **Find out how much you're spending**

Do yourself a favor and add up the monthly and yearly costs of buying and maintaining contacts and glasses. Now spread that cost out over 10 or 15 years and you will start to see the potential cost advantage of having the Visian ICL procedure.



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For more information visit [Visianinfo.com](http://Visianinfo.com)



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