

BETTER VISION FOR A LIFETIME

Services at Frantz EyeCare
LASIK • Cataract Surgery • Reading Vision • Cosmetic

A GUIDE FOR PATIENTS
& THEIR FAMILIES

FRANTZ
EyeCare

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FOREWORD

When I first started practicing Ophthalmology in Southwest Florida in 1989, I never dreamed I would be able to help so many people. At Frantz EyeCare, **we measure success differently**. While many other businesses and practices use metrics like profits and high volume, we see things quite differently.

Frantz EyeCare measures success by the number of people whose lives have been improved by the services we provide. There are so many **life-changing stories** over the years. People from all walks of life and from all around the country - and, indeed, the world - have come to Frantz EyeCare to have their vision improved and for a more youthful appearance.

Hope is such an important word, and nothing is more tragic than someone who has lost all hope due to poor vision.

One of the things we are most proud of is our partnership with Mission Cataract and our annual Day of Giving Back.

William, for example, was a homeless veteran. He developed a cataract in his only eye that prevented him from being able to drive and work. Bad luck and unfortunate circumstances resulted in William's becoming legally blind, uninsured, destitute, homeless and, yes, hopeless. He learned about the free cataract surgery program at Frantz EyeCare as part of Mission Cataract and traveled with a friend who was kind enough to drive him from St. Petersburg to Fort Myers.

When he arrived, William could not see the big "E" on the eye chart. Now, one day postoperatively, William's vision is 20/25! He and I embraced, both of us with tears in our eyes, before he headed home. William now has a job, a home, and of great importance, renewed confidence in humanity and yes, HOPE. There are many stories just like William's.

So, when people ask me, I tell them that HOPE and a commitment to excellence is what Frantz EyeCare is really about.

We started in an office of roughly 2200 square feet. Through a commitment to excellence and providing the latest and best technology to our patients, Frantz EyeCare has grown to facilities that include a licensed Outpatient Surgery Center, Laser Vision Correction Center, Cosmetic Center and offices of about 30,000 square feet employing more than 150 people over 5 locations and 3 counties.

Our multi-specialty practice includes specialists in Cataract, Cornea and External Diseases, Refractive Surgery, Glaucoma, Retina and Vitreous diseases, surgery, and Oculoplastic and Cosmetic surgery.

I want to personally welcome our patients and future patients to this wonderful area. The beauty and serenity of this region is something we are very proud to share with full-time residents and visitors alike.

At Frantz EyeCare, we specialize in providing **Total Eye Care** to provide you with **Vision for a Lifetime**. Whether you are having your first eye exam before starting school, need glasses or contacts, LASIK surgery, Cosmetic services or have medical conditions like Diabetes, Glaucoma, Dry Eye, Cataracts or Corneal diseases, we have specialists that focus on your unique visual needs. We want to take care of you and your entire family.

We can't wait to meet you and it would be our honor to serve you.

Warm Regards,

Jonathan Frantz, M.D., FACS

Jonathan Frantz, M.D., F.A.C.S



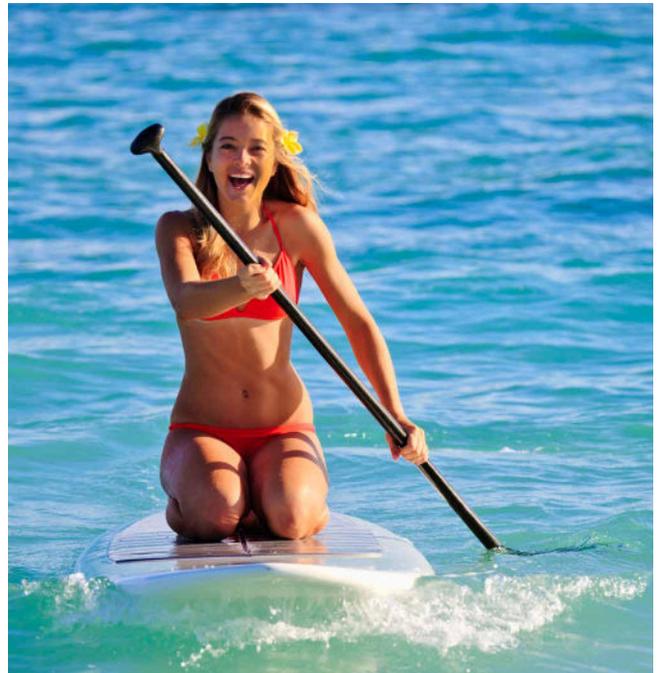
1 BRIEF HISTORY OF REFRACTIVE SURGERY

Refractive surgery (in some form) goes back farther than you might think. Archaic attempts at vision correction have been found as far back as 13th-century Italy, where the very first eyeglasses were crafted. Even laser vision correction has a longer history than you might think, as doctors around the world have long sought a more permanent solution to correcting vision problems.

In the 1970s, one invention – the excimer laser – propelled the field of vision correction toward the solution.

The laser used for Laser Vision Correction is a cold laser. It was initially developed by IBM to precisely etch computer chips. This laser has the ability to divide a red blood cell into several pieces.

By the late 1980s, doctors were developing and perfecting photorefractive keratectomy (PRK), the procedure which preceded LASIK.



HOW REFRACTIVE SURGERY HAS CHANGED

In 1999, scientists developed wavefront analysis – technology that maps a patient's prescription, creating a corneal map as unique as a fingerprint. Amazing! As researchers and developers learned to marry wavefront analysis data with the excimer laser, the result was a truly customized procedure with greatly improved results.

Wavefront analysis for LASIK gained FDA approval in the U.S. in 2002. During this same year, LASIK became the world's most common elective procedure. LASIK quickly became a household name as ads flooded the market and more than a million procedures were performed in the U.S. each year.

WHY IT'S SO MUCH BETTER NOW

Technology always continues to push forward in every industry and laser vision correction is no exception. Today, most LASIK procedures are 100% bladeless. With blade-free LASIK, a femtosecond laser (rather than a blade) is used to create a corneal flap at the precise depth and diameter desired by the surgeon.

Advances in LASIK technology have provided a platform for:

- **More effective results**
- **Accuracy of visual outcomes**
- **Improved understanding of who makes a good candidate**

The future of this simple, yet life-changing, procedure is even brighter now than it was for the trail-blazing innovators along the way. Frantz EyeCare continues to maintain a commitment to provide the best and safest new technology available to our patients.

FUN FACT ●

Your retinas actually perceive the outside world as upside-down – your brain flips the image for you. If you want to see the world as your retinas do, try a pair of prism glasses. Just don't, you know, drive or operate heavy machinery while wearing them!

2 WHAT VISION CHALLENGES ARE CORRECTABLE

Perfect vision without the need for glasses and contacts would be just... well... perfect. Right? Unfortunately, the amazing laser vision of Superman only exists in comic books. Precious few people can see perfectly without some form of correction and most of us will experience at least one vision condition at some point during our lifetime.

DID YOU KNOW

The eye is the second most complex organ, right after the brain.

The eye is incredibly complex. Even the slightest disruption in the lens, cornea, retina or iris can dramatically affect your vision. The good news is that many vision problems can be solved through a comprehensive eye exam followed by the appropriate vision correction product or procedure.

To understand the different types of vision problems and refractive errors that can affect the human eye, it is helpful to have a basic understanding of optics and eye anatomy.

The eye has often been compared to a camera and the cornea is often likened to a clear watch crystal that covers the front of the eye. The lens lies behind the iris (the colored part of the eye).

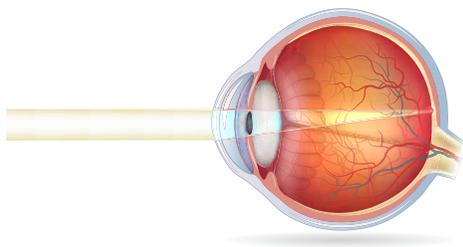
Some of the most common, correctable vision problems include:

MYOPIA: Commonly called “nearsightedness,” this vision condition results in seeing nearby objects clearly and faraway objects poorly.

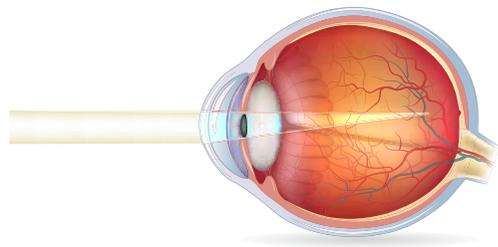
ASTIGMATISM: This visual impairment is the result of an irregular curvature in the eye. Instead of being shaped like a basketball, the eye is shaped more like a football. Astigmatism affects the way the eye processes light and results in varying degrees of blurred vision.

HYPEROPIA: Commonly called “farsightedness,” this vision condition results in seeing faraway objects clearly and nearby objects poorly.

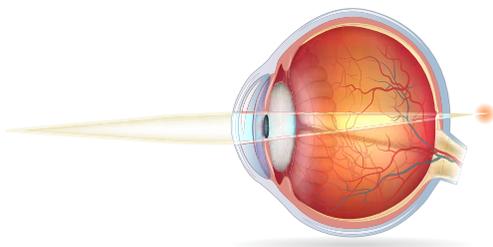
PRESBYOPIA: This age-related condition causes a decrease in the eye’s ability to sharply focus on nearby objects due to the hardening of the eye’s lens.



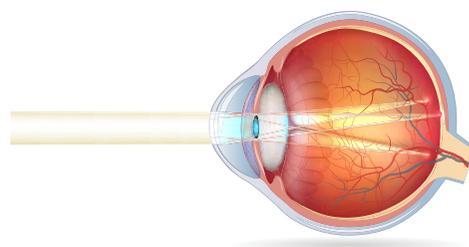
NORMAL VISION



MYOPIA



HYPEROPIA



ASTIGMATISM

3

LASIK EXPLAINED

Chances are you've heard of LASIK. Everyone has. But do you know how it works? What it corrects? Or even what the procedure entails?

LASIK, a form of laser vision correction surgery, can be used to correct some of the most common vision problems. In fact, many Frantz EyeCare patients report that LASIK has helped them eliminate their need for contact lenses or glasses. Some of these ecstatic patients have worn corrective lenses their entire lives.

In the last 20 years, millions of people all over the world have improved their vision and their lives with LASIK. Let's dive in and discover what makes LASIK such an incredible, life-changing procedure.

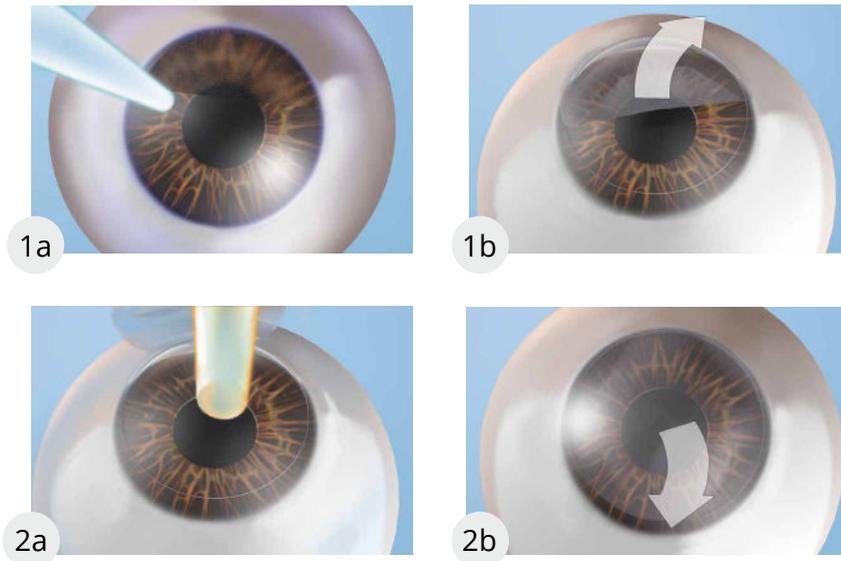
DID YOU KNOW

LASIK is the most popular refractive procedure performed in the United States today (and has been since 2001).

In the most scientific sense of the word, LASIK (laser-assisted in situ keratomileusis) uses a specially-calibrated, computer-guided excimer laser to treat nearsightedness, farsightedness and astigmatism. It is a procedure that permanently changes the shape of the cornea, the clear covering of the front of the eye, using an excimer laser to help you see more clearly. In nearly all cases, LASIK is pain-free and takes about 8-10 minutes for both eyes.

LASIK works by reshaping the cornea to enable the light entering the eye to focus properly onto the retina. Numbing eye drops are applied to the eye surface and the surgeon creates a thin circular flap in the cornea (1a).

The surgeon then folds back the hinged flap to access the underlying cornea (1b). Using a highly specialized laser with a cool ultraviolet light beam, the surgeon removes and re-molds a small amount of tissue to change the shape of the cornea, improving how light rays are focused to enhance your vision (2a). After reshaping the main part of the cornea, the flap is replaced to serve as a natural bandage (2b).



LASIK is performed on each eye separately, with each eye taking only about five minutes. Most patients report little or no discomfort after LASIK. In as few as 24 hours, patients typically enjoy vision of 20/20 or better without glasses or contacts.

LASIK QUICK FACTS

- **The most commonly performed laser eye surgery**
- **Quick recovery and results**
- **Patients see results almost immediately**

4 TOP 10 CONCERNS PEOPLE HAVE ABOUT LASIK

• CONCERN #1

I need to put off having LASIK until it's been perfected.

Since LASIK was first introduced in 1999, an estimated 16 million people in the U.S. and 25 million people worldwide have undergone the procedure with excellent results. It is a remarkably successful, FDA-approved procedure that is the gold standard for patients who want to permanently correct their vision and reduce or even eliminate their need for glasses and contacts.

In fact, LASIK is approved by the U.S. Military for servicemen and women, and by NASA for astronauts. Did you know that LASIK is the most intensively researched and studied elective surgical procedure in all of medicine? Most patients can expect a greater than 90% chance of achieving 20/20 vision without correction following LASIK.

• CONCERN #2

LASIK is too risky. Could I permanently damage my eyesight?

No surgery is risk-free, but according to an extensive, multi-center study undertaken by the FDA and the US Department of Defense and reported in 2014, LASIK has an excellent record of visual results, minimal risks/complications and very high patient satisfaction. More than 95 percent of patients in the study achieved 20/20 vision or better after their procedure and all were very satisfied with their results.

Realistically, the only completely risk-free vision correction is wearing glasses. While safe in the vast majority of patients, risks of complications with contact lenses are well documented and have the potential for problems related to improper use or poor hygiene which can lead to infections of the cornea. In addition, contact lens solution has the potential for contamination, which could be damaging to eyesight. And, recent studies are finding that prolonged use of contact lenses may contribute to other vision challenges.

- CONCERN #3

I wouldn't qualify for LASIK. The degree of correction I need is too severe.

Thanks to advances in technology, the vast majority of people are good candidates for LASIK surgery today. A combination of sophisticated preoperative diagnostic tools and our leading-edge lasers used during the procedure make LASIK appropriate and safe for a wide range of prescriptions.

It is true that when LASIK was first introduced more than two decades ago, it was only available to patients with nearsightedness. But today, it is widely used and accepted for nearsightedness, farsightedness and astigmatism. While there may still be certain situations where LASIK is not recommended, if you, a friend or family member were told in the past that you were not a good candidate for LASIK, we recommend that you get a second opinion to see if that might have changed. Our free evaluation can help you to determine whether or not you are a candidate for the procedure.

- CONCERN #4

LASIK is only temporary. I'll have to undergo surgery when I'm older.

LASIK is permanent. The procedure reshapes the cornea, the clear outer surface of the eye. Once the procedure is complete, the corneal tissue that is removed never grows back.

You may know of people who needed an "enhancement" or a "touch-up," but this is a very small percentage – less than 5 percent. Enhancements are performed in order to upgrade the results after the three-month visit and up to one-year post-surgery. It is rare for LASIK-corrected vision to regress to the point that you would need to have the procedure again years later.



- CONCERN #5

If I have LASIK, I won't be able to have cataract surgery if I need it in the future.

There is no relationship between LASIK and cataract surgery. LASIK does not cause cataracts, accelerate the development of cataracts, or interfere with patients undergoing successful cataract surgery. LASIK changes the shape of the cornea to correct vision errors, while cataracts are a gradual clouding of the lens inside the eye, usually due to age.

Patients who underwent LASIK two decades ago while in their 30s and 40s are now in their 50s and 60s and may be developing cataracts. With our Bladeless Laser Cataract Surgery procedure, we are able to offer them excellent outcomes. Thousands of people all over the world have had successful cataract surgery after LASIK.

- CONCERN #6

LASIK causes dry eyes and terrible nighttime vision.

In the early days of LASIK, there were reports of dry eye and nighttime glare or halos. With the introduction of Bladeless LASIK and other advances, however, these issues are less of a problem for the majority of patients.

It is true that following LASIK, there may be some degree of temporary dryness due to decreased tear production post-surgery. But we take steps to manage this side effect by having patients use lubricating eye drops to reduce any discomfort. The vast majority of patients report significant improvement in only a few months.

Similarly, nighttime vision is also less of an issue today due to improvements in the way the laser is used to reshape the cornea. Mild symptoms almost always disappear within a few months. Dr. Robin performed LASIK on two brothers who are professional baseball players. Their major motivation for LASIK was to sharpen their nighttime vision, and they have been very pleased with the results.

- CONCERN #7

I am too old or too young to have LASIK.

The truth is, there is really not an age limit for LASIK. However, most LASIK surgeons specify that patients must be at least 18 years old. Prior to that, your prescription may still be changing due to the normal growth and development that occurs during the teen years. If you will be attending college in the near future and want to have LASIK before starting school, schedule a consultation, so we can discuss whether vision correction is appropriate at this time. You can also take our 60-second quiz to determine if LASIK is right for you.

LASIK can also be successfully performed on patients in their 50s, 60s or even 70s. However, these age groups are more likely to have other potentially vision-affecting disorders, like cataracts. Patients who are in their 50s, 60s and 70s and desire to be less dependent on glasses should also schedule a consultation to make sure they are good candidates.

If cataracts are an issue, we may recommend cataract surgery with a Lifestyle Lens that allows for seamless vision at all distances without the need for contacts or glasses.

- CONCERN #8

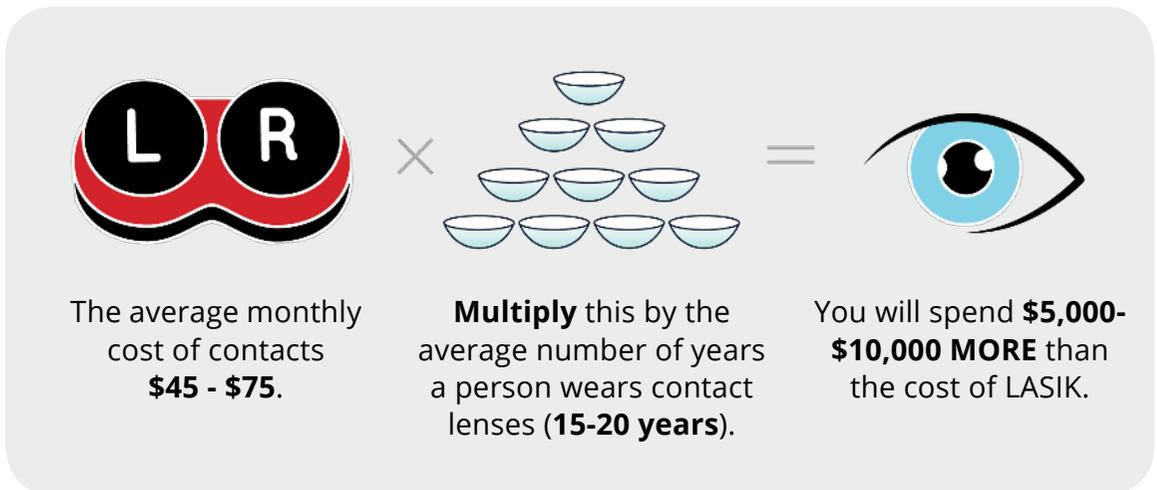
LASIK is only for distance, and I need reading glasses.

Some patients have the misunderstanding that by the time they reach 40, they are too old for LASIK. Others think that because they now need reading glasses, they do not qualify for LASIK. Neither situation is accurate. Loss of sharp, close-up vision is called presbyopia and is common as people age. Fortunately, there is now an effective solution – we can correct one eye for distance and the other eye for near vision. This technique is called monovision.

For patients who don't have difficulty with distance vision and have never worn glasses, it may be possible to correct just one eye for reading. The vast majority of patients tolerate monovision well. We will assess your tolerance of monovision during your preoperative evaluation. If you need reading glasses and also want LASIK, schedule a consultation to determine if monovision would be appropriate for you.

● CONCERN #9
LASIK is too expensive.

Consider the costs associated with corrective eyewear. The list is endless and can include glasses, contact lenses, contact lens solutions, progressive lenses, cases, prescription designer sunglasses and doctor's visits. Now multiply that over a 20- or 30-year period. Your costs can easily run into tens of thousands of dollars, especially if you require more severe correction and need special lenses. LASIK is a one-time only cost. If you wear contact lenses, it is estimated that LASIK will pay for itself in about three years.



● CONCERN #10
Anyone can have LASIK.

While advances in LASIK technology make permanent vision correction a reality for the vast majority of adults, there are individuals who are not good candidates. People who have chronic issues related to the cornea, other eye diseases, certain medical conditions may not be appropriate candidates for LASIK. As with any procedure, there is no guarantee, although it is important to note that LASIK has a long track record of success with millions of satisfied patients.



5

MEET JEFFREY ROBIN, MD **One Of The Top LASIK Surgeons In The Country**

Dr. Jeffrey Robin loves to help his patients feel more at ease about laser vision correction, and specifically about LASIK. And he's really good at it. One of the top LASIK surgeons in the U.S., Dr. Robin has performed tens of thousands of laser vision correction procedures during his 20+ years in practice with the vast majority of his patients seeing 20/20 or better without glasses or contacts.

"LASIK is still the preferred treatment option for people wanting to get out of their glasses and contacts," said Dr. Robin. "When performed on the correct patients who are solid candidates, the results are overwhelmingly spectacular. LASIK is the most researched and studied elective procedure in history. The procedure just gets better and better - the results and the technology just get better and better, too."



DETAILS

- Specializes in Refractive Surgery and Dry Eye Diseases
- Named in *Best Doctors in America*
- Featured in Trusted LASIK Surgeons
- Internationally recognized Refractive Surgeon
- Past President of International Society of Refractive Surgery
- First Refractive Surgeon to receive Laser Vision Correction in the Country

MEDICAL DEGREE

- Jefferson Medical College
- Bachelor of Science - Summa Cum Laude
- Pennsylvania State University

INTERNSHIP

- Harbor, UCLA Medical Center

RESIDENCY IN OPHTHALMOLOGY

- Georgetown University Medical Center
- Department of Ophthalmology

FELLOWSHIPS IN CORNEA & EXTERNAL DISEASES & OCULAR VIROLOGY & IMMUNOLOGY

- Estelle Doheny Eye Foundation, University of Southern California
- L.S.U. Eye Center, Louisiana State University School of Medicine

ASSOCIATE PROFESSOR OF OPHTHALMOLOGY

- University of Central Florida College of Medicine

PROFESSIONAL ASSOCIATIONS

- Fellow, American Society of Cataract and Refractive Surgery
- Fellow, American Academy of Ophthalmology
- International Society of Refractive Surgery

FUN FACT

Dr. Robin is the first eye doctor to have personally had Laser Vision Correction in the world (in 1992). What a trailblazer!

6 WHY WAVELIGHT LASIK?

Every eye is as unique as every person. So, shouldn't your LASIK experience be highly customized for your unique eye anatomy? Absolutely, it should. And at Frantz EyeCare, it will be.

Frantz EyeCare's WaveLight® technology provides an advanced vision correction procedure that precisely adapts to the unique curvature of your eye. The result is a more ideal, natural eye shape for optimal vision.

WaveLight Technology leads the market in treatment times and allows for the seamless transfer of patient data, resulting in enhanced efficiency and accuracy, along with optimized outcomes for every LASIK patient.

The WaveLight® EX500 Excimer Laser offers a wide range of customization options for your unique eyes. Dr. Frantz and Dr. Robin can perform a highly individualized laser vision correction treatment just for you that can result in crisp, clear vision.

"Wavelight is the next generation in excimer laser technology and we are proud to offer what we feel is the best technology out there to our patients. With Wavelight, we have harnessed speed, effectiveness, precision and reliability."

-Dr. Jonathan Frantz

Standard LASIK surgery requires cutting a flap on the cornea using a sharp blade that simply can't compare to the precision and accuracy of a laser. Frantz EyeCare has invested in the best - the VisuMax Femtosecond System by Zeiss.

"This system has some remarkable features, including precision and innovative detail," said Dr. Frantz. "This groundbreaking system employs high-performance femtosecond laser technology and is characterized by its outstanding cutting precision, highly efficient speed and gentle treatment technique."

The new VisuMax system will be used for LASIK and corneal inlay procedures. "LASIK is now extraordinarily safe when compared to contact lenses or glasses," said Dr. Frantz. "Not only is it safer, but it is also less expensive. Our technology and experience are unmatched. There has never been a better time to have LASIK with our award-winning surgeons than now."

The blade-free procedure offered by the new VisuMax Femtosecond Laser provides:

- Outstanding precision and innovative detail
- Highly efficient speed
- Gentle treatment technique
- Proven safety profile
- Enhanced predictability

The team of expert surgeons at Frantz EyeCare knows that technology matters. Patients can trust that Frantz EyeCare uses the latest and best technology and techniques available to ensure great visual outcomes for their patients.



7

WHAT PEOPLE ARE SAYING ABOUT LASIK

A happy patient is our best advertisement. Here are some examples of what Frantz EyeCare's LASIK patients say about their experience:

- "If you've thought about having LASIK, go see Frantz EyeCare. Dr. Robin is a pro. He is the best. And the best part about it? I have 20/20 vision now. It took me over 10 years to decide to finally have LASIK and it was mainly because of fear. But let me tell you, if you are waiting because of fear, wait no more! The whole thing took 10 to 15 minutes - I was nervous for nothing. LASIK is something that has radically improved my life and everything I do."

-Nick Craig, 96.9 MORE FM

- "The day after LASIK, when I looked out my window at home, I could see my neighborhood clearly for the first time! If you use Instagram or any filter on a camera, you know how you apply that filter that makes everything look nicer and sharp and crisp? It's like they somehow put an Instagram filter on my eyes and suddenly, I could focus and see! Everything was clear and crisp. That's the WOW factor of LASIK. You're going to think, 'Did someone just put a filter on my life?'"

-Nick Craig, 96.9 MORE FM

- "When I became a PGA tour player in 2007, I realized that in order to be successful, I not only had to be in top physical condition, but I had to have great vision as well. Many of my peers were getting laser vision correction at the time, so I went to Frantz EyeCare, one of the leading eye surgery practices in southwest Florida. And after all these years, my vision is still perfect - and my golf game isn't that bad either."

-George McNeil, PGA Pro

- "I loved my experience and I would recommend this group to all my friends and family. I felt like I was treated like an individual, not just as another pair of eyes. The surgical center staff was absolutely wonderful – had a small town feel, almost like family. And I knew I was getting the best and most advanced type of procedure. I had great confidence in Dr. Frantz."

-Chelsey S.

- "The patient care at Frantz EyeCare was amazing. Everyone went above and beyond and took excellent care of me. Dr. Robin did my LASIK and he spent lots of time with me, explaining everything I could expect before, during and after my procedure. I started enjoying great vision the very next day! It's so amazing and everything is so clear. I think it was worth every single penny to have my procedure done at Frantz EyeCare."

-Nicole Y.



8

CATARACTS EXPLAINED

WHAT IS A CATARACT?

Many people think a cataract is a growth on the eye, but that's not the case. The eye actually works a lot like a camera, using a lens to focus on an image. A cataract is a clouding of the normally clear lens of the eye as you age.

Over time, cataracts can affect your vision, and may end up limiting your activities and ability to enjoy life.

A normally functioning lens focuses light onto the retina to produce clear images. When cataracts are present, the lens is cloudy, obstructing light from the retina. This is what causes blurred vision.

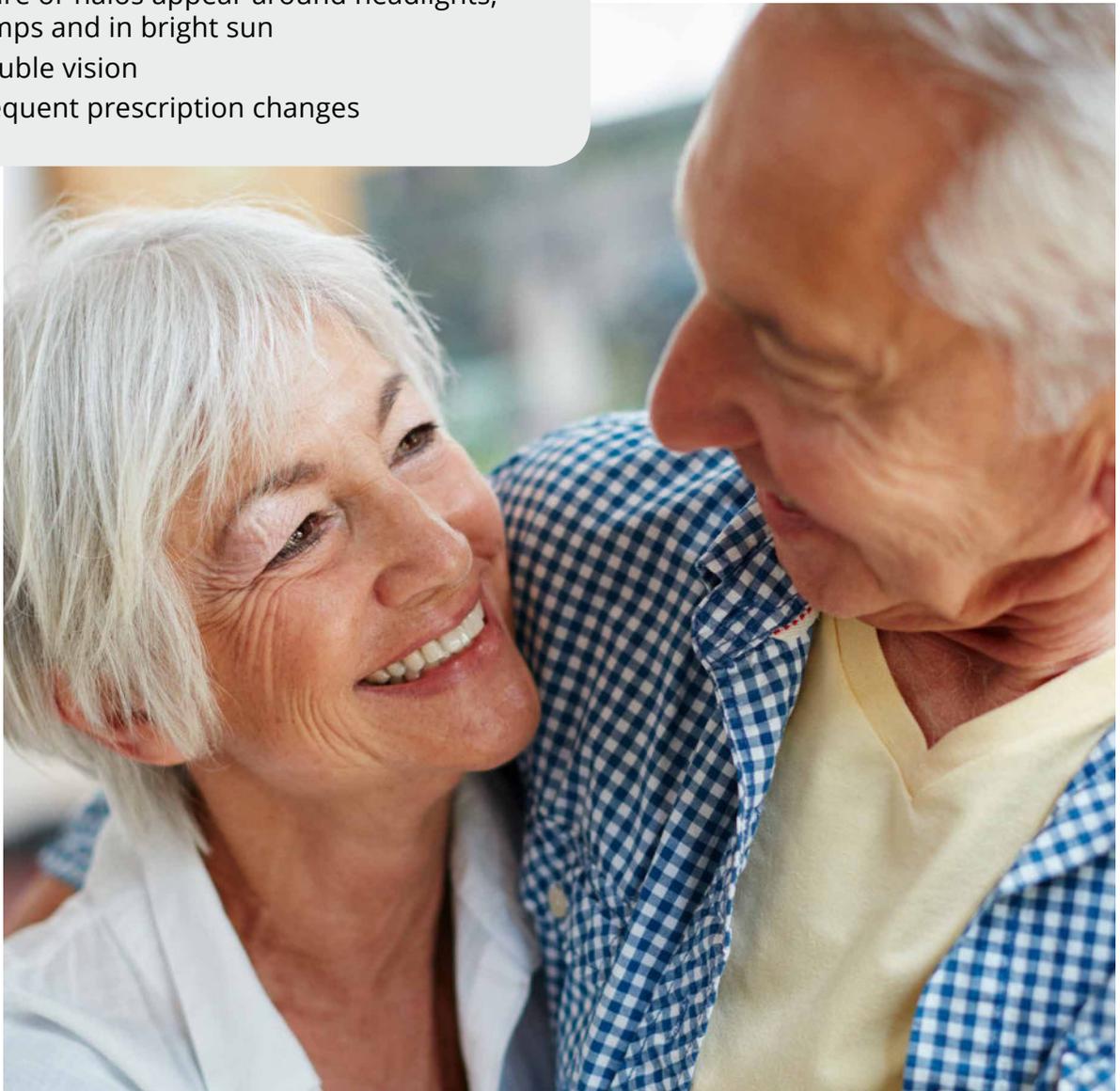
Cataracts are the most common cause of vision loss in people over 40 and are the number one cause of blindness in the world. In fact, there are more cases of cataracts worldwide than there are of glaucoma, macular degeneration and diabetic retinopathy combined, according to Prevent Blindness America (PBA).

Today, cataracts affect more than 22 million Americans age 40 and older. And as the U.S. population ages, more than 30 million Americans are expected to have cataracts by the year 2020, PBA says. By age 80, more than half of all people will either have a cataract or will have undergone cataract surgery.

There is no way to prevent cataracts from developing and surgery is the only way to reverse the process. Fortunately, technological advances in cataract surgery have created a safer, more precise and customized procedure for today's cataract patients.

COMMON SYMPTOMS OF
CATARACTS INCLUDE:

- Cloudy or blurry vision
- Colors seem faded
- Glare or halos appear around headlights, lamps and in bright sun
- Double vision
- Frequent prescription changes



9

MEET JONATHAN FRANTZ, MD, FACS **Most Experienced Laser Cataract Surgeon in Florida**

Dr. Jonathan Frantz is a Board-Certified Ophthalmologist and fellowship trained refractive surgeon. Frantz EyeCare has five thriving locations in Fort Myers, Naples, Cape Coral, Lehigh Acres and Punta Gorda serving Southwest Florida.

Dr. Frantz combines his extensive experience, dedication and impressive educational background with the latest technical advances in the field of laser vision correction and laser cataract surgery. He is the most experienced Laser Cataract surgeon in Florida. He has also been voted "Best Cataract Surgeon" by the Fort Myers News-Press readers.

A graduate of Vanderbilt University, Dr. Frantz graduated from the University of Miami School of Medicine. He completed his ophthalmology residency at Louisiana State University Eye Center and a fellowship in cornea, external diseases and refractive surgery.

Dr. Frantz is a Diplomate of the American Board of Ophthalmology, a Fellow of the American College of Surgeons. He is named in the Guide to America's Top Ophthalmologists and Best Doctors in America.



EDUCATION

- Vanderbilt University - Magna cum laude
- University of Miami Medical School
- Louisiana State University Eye Center
 - Ophthalmology Residency
 - Fellowship in Cornea, External Diseases and Refractive Surgery

LICENSE

- State of Florida

PROFESSIONAL ASSOCIATIONS

- Diplomate, American Board of Ophthalmology
- Fellow, American College of Surgeons
- American Academy of Ophthalmology
- American Society of Cataract and Refractive Surgery

AWARDS AND HONORS

- National Research Service Award - National Eye Institute
- Post-Doctoral Research Award - Southern Medical Association
- Principal Investigator, Autonomous Technology
- Principal Investigator, Visx
- Selected as one of the Top 100 Visx Star Surgeons
- Named in The Guide to America's Top Ophthalmologists
- Selected as one of The Best Doctors in America
- Voted The Best Cataract Surgeon in SWFL by the News-Press
- Assistant surgeon in the first laser vision correction for nearsightedness in the United States
- Performed the first laser vision correction procedure in Florida

A PIONEER IN CATARACT SURGERY

Dr. Frantz has earned wide acclaim for pioneering techniques in the successful treatment of cataracts, including sutureless cataract surgery. He was the first to bring bladeless laser cataract surgery to Southwest Florida. He also performed the area's first ReSTOR lens implant.

A LITTLE MORE ABOUT DR. FRANTZ

Dr. Frantz is married and, together with his wife Jennifer, has six children (and three dogs, three cats, three fish and a hermit crab).

Together, the Frantzes enjoy watching movies, boating and staying active. Dr. Frantz even completed an Olympic distance triathlon a few years ago. "We love living in Southwest Florida and enjoy that it still has a small-town feel," said Dr. Frantz. "I also love working with the senior citizens who live here. It's amazing to see how much history many of them have experienced."

Dr. Frantz, a history buff, particularly enjoys American history, especially WWII. His grandfather, Max, fought in WWI. "If I could go back in time, I would like to meet George Washington, Abraham Lincoln, John Kennedy, General George Patton and my grandfather Max," said Dr. Frantz.

FUN FACT ●

Dr. Frantz has an identical twin brother.

They are known as mirror twins since one is left-handed and one is right-handed.



10 WHAT IS MODERN CATARACT SURGERY?

Cataract surgery has historically been very successful in restoring vision. In fact, it is the most frequently performed surgery in the United States. More than 3 million Americans undergo cataract surgery each year, according to Prevent Blindness America.

The femtosecond laser technology that ushered in new levels of safety, accuracy and predictability to LASIK surgery has also greatly advanced cataract surgery. Modern cataract surgery - which is far less invasive than it used to be - has reached a level of sophistication, allowing for better recovery and more precise outcomes.

Additionally, advances in lens implants (intraocular lenses) for cataract surgery have enabled surgeons to customize a person's vision to uniquely match their lifestyle. That means your surgeon may be able to correct everything from your astigmatism to your near and distance vision at the same time he or she is taking care of your cataracts. New IOLs - we call them Lifestyle Lenses - are being developed all the time to make lenses more helpful to patients.

WHAT TO EXPECT DURING CATARACT SURGERY

During cataract surgery, the cloudy lens is removed and replaced with a clear artificial lens. The new lens can't be seen or felt and stays permanently inside the eye.

To prepare for the procedure, your Frantz EyeCare surgeon will make a tiny incision in your eye with a blade or the LenSx laser. This will allow the surgeon to remove the cloudy lens and insert the new one in its place. The incision is so small that stitches are not required. It will heal completely by itself.

Recovery time is minimal, thanks in large part to advances in technology. Most patients can return to normal activities within 24 to 48 hours, although strenuous physical activity is discouraged for several weeks. The eye may take several weeks to heal completely.

FRANTZ EYECARE'S CATARACT REFRACTIVE SUITE

The four industry-leading systems of the Frantz EyeCare Cataract Refractive Suite allow for seamless and synergistic integration of the various surgical technologies. They work together to offer laser-guided precision, increased accuracy and improved safety for better visual outcomes.

- THE VERION™ IMAGE GUIDED SYSTEM tracks your eye from the planning stages of your surgery to your actual cataract procedure. Because patients have dilated pupils for cataract surgery, the VERION image allows the lens to be centered on the patient's normal pupil, which is different than the center of the dilated pupil. The VERION captures a high-resolution image of the patient's unique eye when the eye is not dilated, then maps out iris and scleral details as well as pupil size and centration. This "fingerprint" of the eye helps create an optimal surgical plan that guides the surgeon through the procedure to ensure accurate centering and positioning of the intraocular lens and laser incisions. Frantz EyeCare was the first practice in Florida to offer the VERION Image Guided System.
- THE LENSX® LASER, the global leader in Bladeless Laser Cataract Surgery, allows your surgeon to plan and perform your surgery to exacting, individualized specifications not attainable with other surgical methods. By adding computer control to key steps of cataract surgery, the LenSx laser helps ensure the highest precision surgical incisions. The VERION image is transferred to the LenSx Laser for the most accurate centration and positioning of all the steps of cataract surgery.
- THE LUXOR™ OPHTHALMIC MICROSCOPE allows every facet of the procedure to be seen in crisp, brilliant detail. The VERION image is transferred to the operating microscope. A heads-up display shows the previously recognized iris and scleral details as well as centered pupil and map of astigmatism. This allows the most accurate placement of the lens and most precise surgery possible.
- THE CENTURION® VISION SYSTEM utilizes an intraocular sensor and the most advanced fluidics system available. It is designed to work seamlessly with the other technologies to help maintain consistent intraocular pressure (IOP) throughout the surgical removal of the cataract. A more stable IOP leads to a safer surgery.

11 BLADELESS LASER CATARACT SURGERY VERSUS TRADITIONAL CATARACT SURGERY

Traditional cataract surgery is covered by Medicare and most insurances. If you choose to have Bladeless Laser Cataract Surgery, it is considered a premium refractive procedure. We are happy to discuss out-of-pocket expenses and flexible payment options with you.

The three key patient benefits of the Bladeless Laser Cataract Surgery versus traditional cataract surgery are:

- 1 | The laser provides a more precise circular incision around the cataract, improves the accuracy during placement of the intraocular lens implant, and leads to a greater likelihood of clearer vision. A real time computerized laser imaging system guides the laser beam to the correct target during the surgery.
- 2 | The laser pre-softens the cataract, minimizing the use of ultrasound energy to remove the cataract lens. Decreased usage of ultrasound energy lessens recovery time.
- 3 | Astigmatism correction can be done at the time of cataract surgery using this laser as opposed to a manual incision using a surgical blade with traditional surgery. Astigmatism requires patients to wear glasses after cataract surgery. Correcting this at the time of cataract surgery lessens the need for glasses postoperatively.

In both traditional cataract surgery and Bladeless Laser Cataract Surgery, microsurgical instruments are used to remove the cloudy lens from the eye. The back membrane of the lens (called the posterior capsule) is left in place. A focusing intraocular lens is placed inside the eye to replace the natural lens that was removed. The focusing lens can correct nearsightedness, farsightedness and astigmatism, and may reduce your need for distance and reading glasses. The incision is self-sealing.



12 DROPLESS CATARACT SURGERY

Enjoy Freedom from Eye Drops with a New Generation of Cataract Surgery

Ask any cataract patient what is the most frustrating aspect of cataract surgery. Believe it or not, it's not the actual procedure - or even the recovery. Without exception, you'll hear about the grueling eyedrop regimen. Drops in the morning, drops at lunch, drops at dinner. Eye drops everywhere!

That's because with standard cataract surgery, patients are required to diligently use multiple different medicated eye drops before and after their procedures to prevent infection and to promote healing. The rigid eyedrop schedules, which can be prescribed up to four times a day for up to a month, are difficult for patients to follow and challenging for doctors to monitor. Additionally, missing scheduled drops increases the risk of health and vision complications. The solution?

END THE FRUSTRATION WITH DROPLESS CATARACT SURGERY

Cataract patients in Southwest Florida have reason to rejoice! Frantz EyeCare offers a breakthrough "dropless" cataract surgery option. For patients who medically qualify (not everyone is a candidate), the Frantz EyeCare cataract surgeon will place a prescription medicine called Tri-Moxi* within the eye during the procedure, which takes the place of the drops and will slowly dissolve over time.

Dropless cataract surgery allows most patients to heal without the need for additional prescription eye drops. It also simplifies the postoperative regimen, eliminating the challenge of patients keeping up with the drops.

IS DROPLESS CATARACT SURGERY A SAFER OPTION?

“The DropleSS Cataract Surgery method is very safe,” said Dr. Frantz. Numerous studies have shown that the dropleSS method of cataract surgery is, in fact, safer than other options. A large study done in Europe showed that the dropleSS method decreased the risk of infection to 1/5 that of surgery using eyedrops. The dropleSS procedure reduces the risk of infection and retinal swelling comparable to using eye drops. DropleSS Cataract Surgery also reduces the chance of side effects from the eye drops.

WHO IS A GOOD CANDIDATE FOR DROPLESS CATARACT SURGERY?

“DropleSS cataract surgery is an option for most patients that need cataract surgery,” said Dr. Frantz. A cataract evaluation with a dilated eye exam and a few other tests is all that’s needed to determine if dropleSS cataract surgery is the best choice for you.

WHAT ARE THE BENEFITS OF DROPLESS CATARACT SURGERY?

In addition to the added convenience, many individuals also report a significant cost savings.

“We are always looking for opportunities to improve patient experience and ‘dropleSS’ cataract surgery certainly delivers.” said Dr. Frantz.

FACT ●

Typical cataract surgery prescription eye drops can cost \$300 to \$500 per eye. In contrast, if patients qualify for dropleSS cataract surgery at Frantz EyeCare, it is rare for them to pay for ANY prescription eye drops.

**Tri-Moxi is a combination of antibiotics and an anti-inflammatory drug.*

13 WHAT PEOPLE ARE SAYING ABOUT CATARACT SURGERY

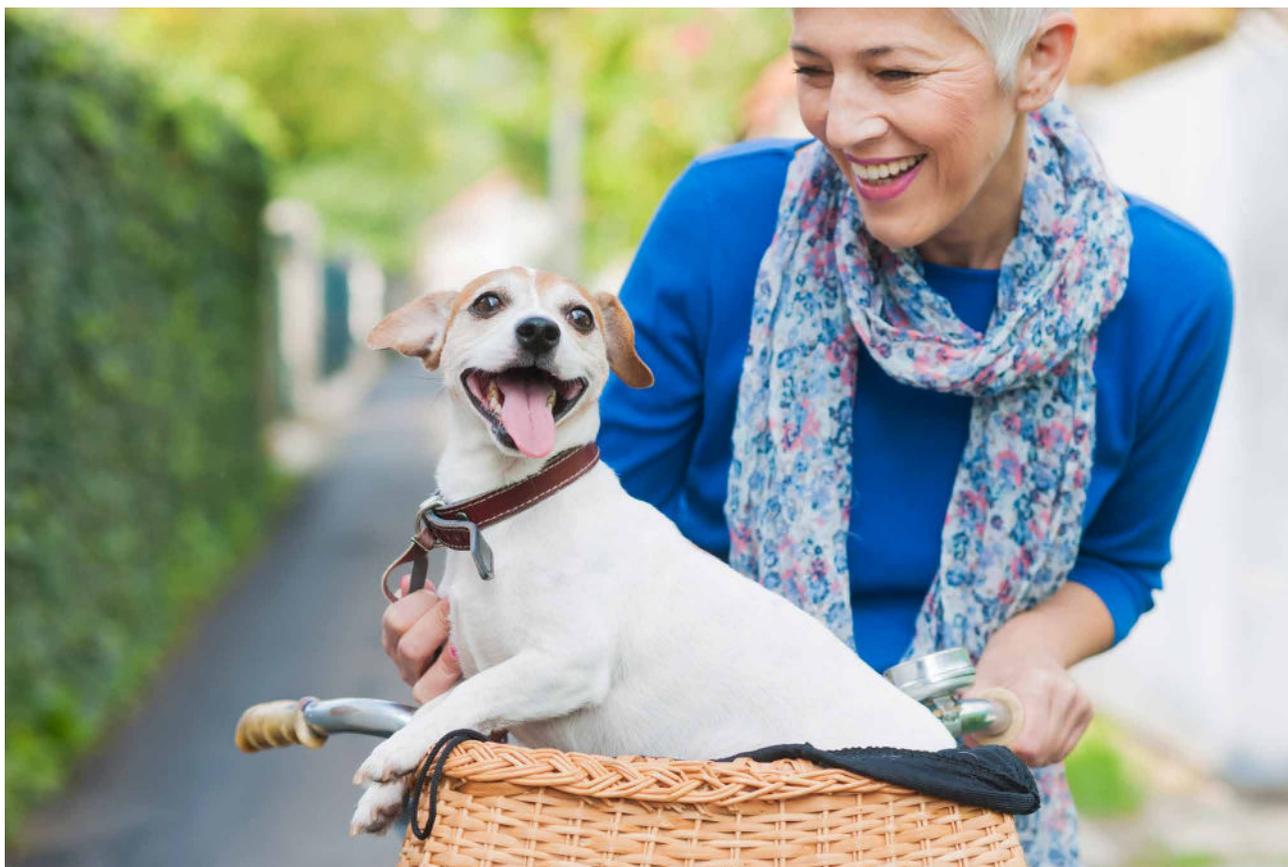
A happy patient is our best advertisement. Here are some examples of what Frantz EyeCare's cataract patients say about their experience:

- "If you can fix a problem that you have, why wouldn't you? Frantz EyeCare fixed my vision problem and did an outstanding job."
- **Mike Ditka, Hall of Fame NFL Football Player & Coach, Lifestyle Lens Patient**
- "This may have been the best decision I have made regarding my health. It has improved my life and given me freedom to do activities that have been somewhat challenging for the past few years. Thanks to Dr. Frantz and his entire staff."
- **Edward S., Cataract ReSTOR Lens Patient**
- "I was amazed at how efficiently and with excellent organization my surgery was performed. Before and after surgery I was made to feel comfortable because of the caring staff. Dr. Frantz was wonderful throughout. I trust him completely and would highly recommend him to anyone. Hurrah for the whole organization!"
- **Gloria M., Cataract Surgery Patient**
- "My eyes feel younger. I wore glasses for 68 years. Now, I can drive and read without them."
- **Fred, Cataract Surgery Patient**

- “My life has changed for the better. I was challenged with distance vision, reading, everything. Now I have no problem seeing. It is just perfect for my lifestyle.”
- Sandy, Lifestyle Lens Patient

- “I can read the paper without wearing readers. And, for the first time in many years, I can drive without wearing glasses.”
- Ron, Lifestyle Lens Patient

- “My distance vision is just great now. I feel so much more comfortable driving and I am so much better off than before having my cataract surgery at Frantz EyeCare.”
- Leif, Cataract Surgery Patient



14 PRESBY-WHAT?! PRESBYOPIA EXPLAINED

As we age, the lenses of our eyes and the muscles that control them begin to weaken. As a result, we lose the ability to focus on near objects. Reading glasses become a constant companion for many people.

You might need to hold the newspaper or menu far away to focus on the words or have trouble reading text messages on your phone. This blurry vision, or near vision loss, is called presbyopia (prez-bee-OH-peeah), and it eventually happens to everyone. :(

(NOT SO) FUN FACT ●
Age-Related Presbyopia (Over-40 Vision) is unavoidable (*rude!*) and eventually happens to everyone. :)

Presbyopia affects millions of Americans and is commonly referred to as “Over-40 vision” – a great descriptor for a not-so-great condition – because it tends to affect patients that are aged 40 years and older.

So, what is your solution? Many turn to buying reading glasses for the rest of their lives. You can have reading glasses all over your house, in your purse, in your car, on your head, on your side table... and a dozen other places, but never be able to find them when you need them.

But what if there was a better solution? One that could free you from your readers once and for all?

Read on.



15 CORNEAL INLAY FOR READING VISION

If you are over the age of 40, you've likely noticed your vision has changed. Maybe you are having difficulty reading or trouble focusing on nearby objects. The good news: The doctors at Frantz EyeCare can help.

CORNEAL INLAY PROCEDURE

The Corneal Inlay (sometimes called a corneal implant) is a tiny, ring-shaped disc that is placed securely within the cornea of one eye (usually the non-dominant eye). This allows the eye to have greater depth of focus and greatly improves reading vision, while still maintaining distance vision.

THE CORNEAL INLAY:

- Restores everyday vision
- Helps you see text messages, computer screens, and even the time on your wristwatch without glasses
- Restores near to far vision without blurry scenarios in between by helping your eyes adjust seamlessly between the two
- Provides a long-term solution that will help your vision remain clear

WHAT TO EXPECT THE DAY OF THE PROCEDURE

On the day of your procedure, your Frantz EyeCare surgeon will administer numbing drops into the eye that will receive the inlay to ensure you are comfortable. You will remain awake and alert throughout the entire procedure.

The first step of the procedure is the same as LASIK – the creation of the corneal flap. Once the eye is numb, your surgeon will use a laser to create a small flap in the first few layers of the cornea to create a “pocket” for the inlay.

Then, your surgeon will insert the inlay under the flap and make sure it is perfectly centered over the pupil. The flap will naturally self-seal. Cool, right?

The corneal inlay procedure is virtually painless (although you may feel slight pressure) and takes less than 20 minutes.

WHAT TO EXPECT IMMEDIATELY FOLLOWING THE PROCEDURE

As with any surgery, a recovery period should be expected. Immediately following the corneal inlay procedure, you will not be allowed to drive, so be sure you bring someone with you who can drive you home when you are finished.

Every person is unique, but most patients resume normal activities and are able to return to work within 24 to 48 hours.

Note: Your Frantz EyeCare doctor might tell you not to wear your reading glasses in order to enhance recovery and near-vision improvement.

Be sure to follow instructions closely to promote optimal healing. Finish all medications, including any ocular lubricant (such as artificial tears), which should be used as your doctor recommends.

Keep all follow-up appointments to be sure your procedure is progressing as expected.

FUN FACT

The medical term “presbyopia” comes from the Greek words “ops” for eyes and “presbys” for elder. (As if we needed a reminder that our eyes, like our bodies, are aging!)

WHAT TO EXPECT IN THE FUTURE

Your vision may fluctuate for the first three to six months as your brain is adjusting to your new, improved vision, but don't worry; this is normal and it will stabilize.

While many patients report no need for glasses after their Corneal Inlay Procedure, others still use reading glasses in some instances such as in a low-light situation or if print is very small.

If there are any issues with the corneal inlay, it can be easily and safely removed. If in a rare instance removal is needed, patients normally return to the same quality of vision they had prior to the insertion of the inlay.

16 RAINDROP AND KAMRA

- Think of corneal inlay as a category of vision correction for presbyopia. Within that category are two distinct choices; KAMRA and Raindrop. Frantz EyeCare is pleased to offer both.

RAINDROP INLAY

The Raindrop Near Vision Inlay is designed to help you live your life with better near vision and to reduce or eliminate your need for reading glasses.

Raindrop by ReVision Optics is a space-occupying inlay that reforms a portion of the corneal surface, increasing focal power for near vision. It's made of approximately 80% water and from similar material to a soft contact lens. The tiny inlay, about the size of a pinhead, is placed just beneath the surface of your non-dominant eye in a 10-minute outpatient procedure.

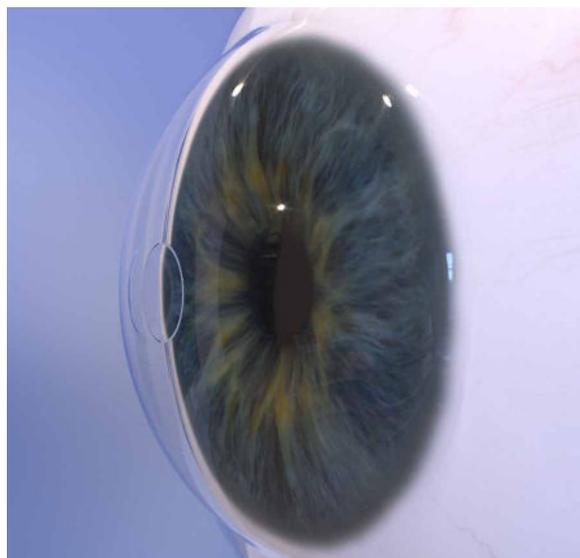
The Raindrop Near Vision Inlay received U.S. FDA approval in June of 2016 and has been available around the world for several years prior to approval in the U.S.



THE RAINDROP PROCEDURE

The Raindrop Inlay is inserted in the non-dominant eye, allowing the eyes to work together for clear vision up close and at a distance. It works by gently changing the shape of the cornea in the implanted eye. The near vision is improved in the Raindrop eye, while the distance is slightly affected.

The Raindrop Near Vision Inlay procedure takes only about 10 minutes and our surgeons perform it in our office. During the procedure, you will be awake and alert. Your surgeon will use a laser to create a small flap in the surface of the eye (cornea). The Raindrop Inlay is then placed within the opening.



WHAT TO EXPECT IMMEDIATELY FOLLOWING THE PROCEDURE

Most patients resume normal activities within 24 to 48 hours. You should avoid using reading glasses and keep all follow-up appointments with the doctor. Be sure to take all prescribed medications, including artificial tears to avoid developing dry eye. The Raindrop Inlay can be safely removed if necessary.

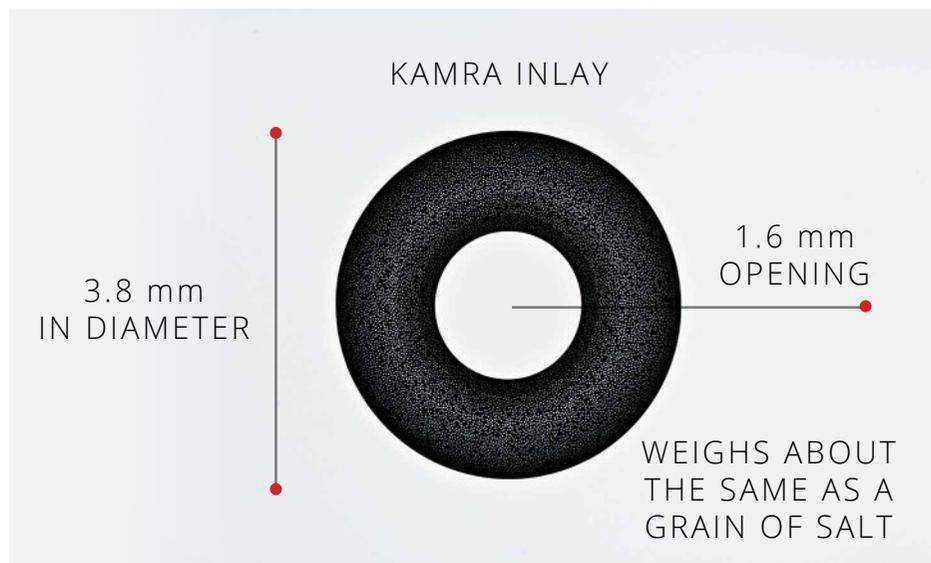


KAMRA INLAY

The KAMRA inlay helps restore near vision and reduce the constant frustrations of reading glasses for people with presbyopia or blurry near vision. By providing a natural range of vision you can see — from near to far. It also offers long-term performance to help you continually enjoy clear vision even as presbyopia progresses.

The KAMRA inlay sits in the first few layers of the eye (cornea). Smaller and thinner than a contact lens, the inlay is a mini-ring with a pinhole opening in the center. This pinhole allows only focused light to enter your eye.

The KAMRA inlay is placed in only one of your eyes, allowing you to see up close, while maintaining your distance vision in both eyes. Working together, the eyes allow you to see near and far. This is not the same as monovision laser vision correction, which corrects one eye for near and one eye for distance and does not last over time.



THE KAMRA PROCEDURE

The entire procedure typically takes fewer than 20 minutes. You will be awake and alert the whole time. Your Frantz EyeCare doctor will ask you to lie on your back and focus on a light above your eye. Remaining still and focusing on this light will help you achieve the best possible results. Numbing drops will be placed in your eye to ensure you are comfortable throughout the procedure.



BEFORE



AFTER

Using a laser, the doctor will create a small pocket in the first few layers of your cornea. You may feel slight pressure on your eye during this part of the procedure. The doctor will then insert the KAMRA inlay into the pocket and center it over your pupil.

You will not be able to drive following the procedure so make arrangements beforehand for a ride home.

WHAT TO EXPECT IMMEDIATELY FOLLOWING THE PROCEDURE

Most patients resume normal activities within 24 to 48 hours. You should avoid using reading glasses and keep all follow-up appointments with the doctor. Be sure to take all prescribed medications, including artificial tears to avoid developing dry eye. The KAMRA Inlay can be safely removed if necessary.

- "I've got to admit it has affected every aspect of my life... I feel more engaged, I feel more alive after this procedure."

- Rick S, Corneal Inlay Patient

17 FRANTZ COSMETIC CENTER YOUR BEAUTY IS OUR SPECIALTY

After vision correction, many individuals begin to notice things (like fine lines and wrinkles, drooping eyelids, puffiness around the eyes and dark spots) that they didn't notice before their vision was corrected.

Dr. William Ehrlich, board-certified ophthalmologist and oculoplastic and cosmetic surgeon, specializes in cosmetic eyelid, facial and body rejuvenation that can give individuals a refreshed, youthful appearance to match their "young" vision.

ABOUT FRANTZ COSMETIC CENTER

Frantz Cosmetic Center is located onsite at Frantz EyeCare in Fort Myers and Naples and specializes in eyelid, facial, body and laser cosmetic surgery. Dr. William Ehrlich is a board-certified ophthalmologist and oculofacial and cosmetic surgeon.

The dedicated staff of Frantz Cosmetic Center will work closely with you to help achieve your desired results and are there for you every step of the way. The free-standing dedicated procedure room at the Fort Myers location of Frantz EyeCare houses the very latest and best technology in minimally-invasive and non-invasive cosmetic offerings.



18 COSMETIC SERVICES OFFERED

- Eyelid Surgery
- True Tumescant Liposuction of the Body and Face
- Fat Transfer to the Face, Hands and Breasts
- Laser Skin Resurfacing
- IPL
- MiXto CO2 Laser
- Minimal Incision Face and Neck Lifts
- Natural Breast Augmentation
- Botox, Fillers and PRP

UPPER AND LOWER EYELID SURGERY

Hereditary factors and the signs of aging can greatly impact the appearance of our eyes and may not reflect how we truly feel. Eyelid surgery, technically called blepharoplasty, is a surgical procedure to improve the appearance of the upper eyelids, lower eyelids, or both. The goal of blepharoplasty is to diminish the amount of excess or sagging skin, muscle and fat.

If you are bothered by upper eyelids with excess, drooping skin that makes you appear sad or angry, or by eyes that look tired due to puffiness or bags, eyelid surgery may be right for you. Insurance often covers upper eyelid surgery.



BEFORE

AFTER 3 MONTHS

TRUE TUMESCENT LIPOSUCTION OF THE BODY AND FACE

Dr. Ehrlich performs True Tumescent liposuction for “body shaping” that helps target problem areas. These are areas of fat that just won’t go away even if you eat well and exercise. True tumescent liposuction is an anesthesia-free and stitch free procedure that uses tiny suction tubes for a much safer procedure than traditional liposuction with shorter recovery time and excellent results. It is done while you are awake but relaxed.

This procedure is meant for body contouring, not for treatment of obesity. If you have reasonably dieted and exercised, and there are still stubborn areas of fat that will not go away, liposuction fat removal may be a solution for you. During liposuction surgery, a small suction tube is inserted through a tiny opening placed in an inconspicuous location on your skin. With suctioning, fat cells are gently removed. The result is a resculpting of bulging areas into sleek contours.

WHO’S A CANDIDATE FOR TRUE TUMESCENT LIPOSUCTION?

If you are within 30-40 pounds of your “ideal weight” and have been stable at that weight for years, you may be a candidate for body sculpting, as long as you have:

- Good health and are between the ages of 18 and 75+
- Tried diet, exercise and, perhaps, weight loss programs
- Fat deposits disproportionate to the rest of your body
- Realistic expectations, are only moderately overweight and don’t expect liposuction to change your life dramatically

The most frequent areas treated by tumescent liposuction fat removal in men are the “love handles,” breasts, abdomen and neckline. In women, they include thighs, hips, flanks, buttocks, stomach, knees, lower leg, cheeks and double chins.

When you gain weight, you expand your body’s fat cells. Tumescent liposuction permanently removes fat cells to improve your body’s contour. If you gain weight after liposuction, it goes to the fat cells that remain in your body. The localized fatty deposits that existed prior to liposuction can no longer balloon up out of proportion to the surrounding areas. Although many patients may notice an improvement in the appearance of cellulite after the fat cells are removed, tumescent liposuction is not a treatment for cellulite.

The main goal of tumescent liposuction is to improve your body’s shape and give you improved self-image rather than remove inches or pounds. In a single treatment, for a similar cost, True Tumescent Liposuction can painlessly shape your body and remove at least 30-50 times more fat cells than ‘non-invasive fat removal’ treatments such as CoolSculpting or SculptSure.

FAT TRANSFER TO THE FACE, HANDS AND BREASTS

Fat transfer or fat grafting is a stitch-free, anesthesia-free procedure that transfers fat from areas of the body where you have excess fat, like the abdomen or outer thigh. It is then injected into areas of your body that may be lacking volume, such as your face, hands and breasts. This procedure is safe, long lasting, painless and produces natural-looking results.

YOU CAN CONSIDER FAT TRANSFER WHEN:

- You desire more permanent, cost-effective results than are possible with temporary fillers
- You wish to improve your body contour, revise scars, fill depressions and rejuvenate your hands and face
- You desire fuller, more even breasts, have had implants removed, or would like to fill in the upper breast volume often lost after childbirth and/or breastfeeding

FACIAL FAT TRANSFER: If you have signs of facial aging, such as laugh lines, smile lines, and crow's feet, fat can be removed from your abdomen, thighs, or other areas and injected into your face. Acne scars and sunken areas of the face, temples, lips, and cheeks can also be filled in. Unlike artificial fillers, the fat lasts for years.

NATURAL BREAST AUGMENTATION: Also referred to as Fat Transfer Breast Augmentation, it is a breast enhancement procedure designed to increase breast size without the use of implants. Using liposuction, fat is taken from another area of the body and gently transferred to your breasts. If you desire an increase in general breast size, shape, or want to 'fill-in' areas of lost volume, you are a good candidate for fat grafting to the breasts.

HAND REJUVENATION WITH FAT GRAFTING: Fat grafting in the hands is effective for adding volume, smoothing out wrinkled areas, covering underlying vessels and tendons and improving the quality of your skin over time. Results can last for many years.

If you are in good health, have a positive attitude and realistic expectations, you are most likely a good candidate for these procedures.



MINIMAL INCISION FACE AND NECK LIFTS

As we age the human face begins to sag due to the effects of your lifestyle, repeated muscle contraction and gravity. This causes the muscle, fat and skin to droop.

The cheeks sag, the nasolabial folds deepen and “jowls” appear along the jawline. You have many options for restoring the natural curves and contours of youth. The latest is facial fat grafting, a technique rapidly gaining favor with patients throughout the world as safer, more natural, much longer-lasting (10 years and counting) results without incisions or scars. Dr. Ehrlich has been performing fat transfer to the face since 2002.

VOLUMETRIC FACELIFT

The combination of facial fat grafting and minimal-incision facelift can produce remarkable results, allowing facial rejuvenation that cannot be accomplished with any other methods.

NONSURGICAL FACELIFT, FACIAL ENHANCEMENT & TREATMENT FOR WRINKLES

There are many options for those patients who want a softened and refreshed appearance without undergoing surgery. Appropriate, careful and artistic use of Botox®, Dysport®, Restylane®, Juvéderm®, Perlane®, Voluma® or other facial fillers can get rid of wrinkles and folds, fill in areas of tissue loss and be used for lip enhancement. Fat is also a wonderful filler. Dr. Ehrlich will be happy to discuss which solution is right for you.

LASER SKIN RESURFACING

Your skin has many functions throughout your lifetime and is exposed to many elements. It changes dramatically as we grow and age. We develop fine lines, wrinkles, discolorations, sun damage, laxity, dry skin, rosacea, acne scarring, facial veins, broken blood vessels and age spots. Many different options are available today, and you need a cosmetic surgeon who will evaluate your skin and plan an appropriate skin care program.

Many patients opt for laser facial resurfacing. This procedure can diminish fine lines and reduce wrinkles, smooth out scars, remove discolorations and tighten overall skin tone. We use a fractional carbon dioxide laser. Laser light penetrates to a very precise, controlled depth, making the procedure relatively safe, bloodless and predictable.

Post-procedure discomfort is usually minor, requiring little or no medication. However, because pain is highly individual, we will make sure that you are comfortable. Procedures are done in our office, on an outpatient basis. Depending upon the extent and depth of treatment, patients plan for anywhere from three to ten days of recovery before resuming a normal social schedule.

MIXTO SX MICRO-FRACTIONAL CO2 LASER

The MiXto SX Micro-Fractional CO2 Laser is the most advanced laser used for skin rejuvenation. This new laser makes it possible for patients to have healthy, younger looking skin with minimal post-treatment down time. The laser delivers a therapeutic matrix of tiny beams of light energy to the top and mid layers of the skin with minimal discomfort resulting in:

- Immediate shrinkage of damaged skin
- Softening of fine lines and wrinkles
- Removal of age and sun spots
- Amazing results on acne scars

Fractional means that only a fraction of the skin surface is exposed to the laser beam, leaving untreated skin around each treated micro spot. The beneficial effects of the laser beam expand under the skin surface to stimulate new collagen production across the entire area. Patients will see continued reduction of fine lines and wrinkles over the next six months as new collagen is formed.

A topical anesthetic is applied to the treatment area prior to the procedure and treatment time for a full face is approximately 45 minutes.

IPL PHOTOREJUVENATION

The Lumenis® IPL (Intense Pulsed Light) Treatment is a gentle and effective way for Dr. Ehrlich to offer you remarkable results on a range of skin concerns such as:

- Age and sun spots
- Freckles
- Birthmarks
- Rosacea
- Broken capillaries

Dr. Ehrlich can customize the Lumenis® IPL to your unique skin type and desired results. Light pulses penetrate the tissue and create heat, targeting the skin imperfection in a controlled manner. Your body will naturally process and remove the treated tissue while stimulating collagen and elastic fibers. This will result in a visible improvement in skin tone and overall appearance. A typical treatment lasts about 15-30 minutes.



BOTOX, FACIAL FILLERS AND PRP

As we age, our skin changes. Over time, the natural volume of youthful skin begins to diminish as wrinkles and folds form.

We offer our patients several facial fillers that can be injected to fill in deep creases or scars, improve facial contours and give body and definition to your lips. These fillers provide a fresh new look without surgery and include:

BOTOX Cosmetic™, Xeomin Cosmetic, or Dysport Cosmetic injections are wrinkle reduction procedures that can reduce or eliminate wrinkles in the face, including forehead lines, frown lines between the eyebrows and crow's feet around the eyes. It is not surgery and there is no chance of scarring. It is safe, and you can resume all your activities immediately after treatment.

The number of injections depends on the number of areas being treated. Repeat injections may be recommended every three to four months during the first year to keep the muscles blocked and allow the skin to smooth out. The injection process takes only about 15 minutes and results are evident in 3 to 5 days. Plus, there's minimal recovery or downtime. You can step into our office for treatment and step right back into your life.



PLATELET RICH PLASMA (PRP)

Autologous PRP (platelet rich plasma) can be used for skin rejuvenation on the face, neck, hands or other parts of the body. As it is prepared from your own tissue and contains no synthetic products or ingredients, it can be used on virtually any area of your body.

PRP injection contains high concentrations of your own biologic, nutrient-rich cells. Your blood contains life-giving, fundamental protein growth factors that are designed to restore and strengthen your body. When applied on, in, or under your skin, PRP releases these natural building blocks, promoting skin health by stimulating and rebuilding your underlying skin integrity. After several treatments the skin shows smooth, very natural plumping of the tissues under the skin and underlying tissues.

This is an office procedure and does not require anesthesia or sedation. Topical and/or local anesthesia is sometimes used. After your blood is drawn, your own PRP is safely and quickly prepared in our office, then used for your treatment, all within the same office visit.

HOW DOES PRP INJECTION WORK?

Think of PRP as a regenerative medicine that causes aesthetic improvement when introduced into or under your skin. Your own concentration of healing cells works within your body to naturally promote a “structure and signals” process for new tissue and collagen growth.

WHEN WILL I SEE RESULTS?

After the treatment(s), patients often notice fine lines and wrinkles have softened and deeper wrinkled areas (such as nasolabial folds) may look smoother and more plump. The main goal of treatment is to stimulate fibroblasts and develop long-term collagen formation in the dermis. Plumping in the treated areas may slowly be integrated into the dermis, creating a platform for stronger skin and a healthier appearance. Overall, results are gradual and will vary from person to person, based on health, age and genetic make-up. Most patients enjoy quantifiable improvements in skin complexion, texture and tone, usually within three to five weeks. Subtle improvements can continue for up to one year, particularly with multiple treatments.

WHAT AREAS CAN BE TREATED WITH PLATELET RICH PLASMA?

PRP is completely your own tissue and contains no synthetic products or ingredients. Therefore, virtually any area of the body can be treated, such as face, neck, chest, hands, scars, etc. PRP is sometimes applied topically (after skin treatments, either with needles or lasers). Injected beneath the skin, PRP may act as both a volume enhancer and agent of skin rejuvenation.

WHAT DOES "AUTOLOGOUS" MEAN?

When your own tissue is grafted in you or given back to you, it is called an autologous graft, by far the safest and longest lasting-type of tissue graft. Placing your own fat on the face, breasts, or hands is autologous grafting. You may think of it as a graft from "me to me."

WHEN WILL I BE ABLE TO RETURN TO WORK?

There is some swelling and redness for several hours after the treatment. You should be able to return to work the next day.

HOW MANY TREATMENTS WILL I NEED?

The basic strategy for a PRP injection program can range from one to four treatments spaced at least four to six weeks apart. Yet, once you discuss the primary priorities of your skin needs with your physicians, the number of treatments may vary.

ARE THERE ANY SIDE EFFECTS?

Because all of the components in PRP are from you and you alone (autologous in origin) there is virtually no risk of an allergic reaction or intolerance. Nevertheless (before the treatment) you need to disclose all medications you are taking (including herbs) to your doctor.

HOW WILL I TAKE CARE OF MY SKIN AFTER THE TREATMENT?

In order to enjoy a maximum response to your PRP injection treatment, you should eat right, drink lots of water and incorporate the facial skin care recommended by your physician.

HYDRAFACIAL MD

The multi-step HydraFacial treatment cleanses, evenly exfoliates and extracts to remove impurities and dead skin cells while at the same time replenishing vital nutrients including antioxidants, peptides and hyaluronic acid. Thanks to the device's superior delivery system, these performing ingredients are able to more effectively reduce the appearance of fine lines and wrinkles for results you can see and feel instantly.

FACT ●

Since oculofacial surgery deals with the structures that surround the eye, oculofacial cosmetic surgeons are best qualified to perform these delicate surgeries and also provide care that the eye itself may need.

Some of these surgeries are covered by insurance, including eyelid surgery; however, we also offer a variety of cosmetic procedures that can give you a fresh new look without surgery.



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MEET WILLIAM EHRLICH, MD, FAACS **Oculofacial and Cosmetic Surgeon**

A fellowship trained and board-certified ophthalmologist and oculoplastic and cosmetic surgeon, Dr. Ehrlich brings a wealth of expertise and experience to the Frantz EyeCare family.

"Each of my procedures has the potential to improve the patient's life, change how others view them, and even how they see themselves," said Dr. Ehrlich. "I enjoy creating a result that will enrich a patient's mind and heart."

MEDICAL DEGREE

- University of Michigan

INTERNSHIP

- Henry Ford Hospital

RESIDENCY IN OPHTHALMOLOGY

- Henry Ford Hospital, Department of Ophthalmology

FELLOWSHIP IN ORBITAL & OCULOPLASTIC SURGERY

- Albany Medical Center

PRECEPTORSHIP IN ORBITAL & OCULOPLASTIC SURGERY

- Moorfields Eye Hospital, London, England

PROFESSIONAL ASSOCIATIONS

- Fellow, American Academy of Cosmetic Surgery
- Member, American Society of Cosmetic Physicians
- Fellow, American Academy of Ophthalmology
- Diplomate, American Board of Ophthalmology
- Diplomate, National Board of Medical Examiners



FRANTZ COSMETIC CENTER AESTHETICIAN SERVICES

The Frantz Cosmetic team includes a licensed medical aesthetician.

Aesthetic services include:

- Micro needling
- Hydrafacial
- Microdermabrasion
- Dermaplaning (a manual exfoliation process that removes a thin layer of dead cells and the vellus hair from the skin)
- Microblading
- Chemical peels
- Acne treatments



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MEET THE FRANTZ EYECARE TEAM



JONATHAN M. FRANTZ, MD, FACS

- Board Certified Ophthalmologist
- Two-Year Fellowship-Trained Refractive Surgeon
- Cataract & Refractive Specialist



GEORGE CORRENT, MD, PHD

- Board Certified Ophthalmologist
- Cataract & Cornea Specialist



JEFFREY B. ROBIN, MD

- Board Certified Ophthalmologist
- LASIK & Dry Eye Specialist



OREN Z. PLOUS, MD, FACS

- Board Certified Ophthalmologist
- Retina Specialist



SHAWN J. KHAN, MD, MBA

- Board Certified Ophthalmologist
- Glaucoma Specialist



WILLIAM W. EHRLICH, MD, FAACS

- Board Certified Ophthalmologist
- Oculofacial & Cosmetic Surgeon



NISHA WARRIER, MD, MPH

- Board Certified Ophthalmologist
- Vitreoretinal Surgeon

OUR OPTOMETRIC DOCTORS



SANDLER L. BURKLEY, OD

- Doctor of Optometry – Illinois College of Optometry
- Associates of Arts - University of Florida



TRISH DUFFIELD, OD

- Doctor of Optometry – Pacific University College of Optometry
- Ocular Disease/Refractive & Ocular Surgery Resident- Eye Care Associates of Nevada



JOSEPH LEGIEC, OD

- The Citadel, Charleston, SC, B.S. in Biology
- Doctor of Optometry – Pennsylvania College of Optometry



THY A. NGUYEN, OD

- University of Maryland, B.S in Physiology and Neurophysiology
- Nova Southeastern University: College of Optometry



KIMBERLY B. FEDER, OD

- Doctor of Optometry – New England College of Optometry
- Boston VA Healthcare System, Ocular Disease Residency
- University of Florida, BA Microbiology & Cell Science



EMILIO J. MARTINEZ, OD

- Doctor of Optometry – Southern College of Optometry
- Southern College of Optometry, Ocular Disease Residency
- Virginia Polytechnic Institute and State University , BA Microbiology



ROGER PAEZ, OD

- University of Nevada – Las Vegas, Las Vegas, NV, B.S. Biology
- Doctor of Optometry – Inter-American University of Puerto Rico School of Optometry,

GLOSSARY

ABERRATION - Distortions, related to astigmatism, that cause the inability of light rays entering the eye to converge (come together) to a single focus point on the retina. Aberrations are divided into two main categories: higher-order and lower-order

ABLATION - Surgical removal of tissue, typically using a cool beam laser

ABLATION ZONE - The area of tissue that is removed during laser surgery

ACCOMMODATION - Ability of the eye to change its focus between distant objects and near objects

ACUITY - Sharpness, acuteness, or keenness of vision

ASTIGMATISM - Structural defects of the eye in which the light rays from a viewed object do not meet in a single focal point, resulting in blurred images being sent to the brain. An astigmatic cornea is not perfectly rounded like a basketball but has an irregular shape more like the side of a football. Astigmatism is most often combined with myopia or hyperopia.

AUTOLOGOUS - a situation in which the donor and recipient are the same person

BIFOCALS - Lenses containing two focal lengths, usually arranged with the focus for distance above and near focus below

BLEPHAROPLASTY - a cosmetic surgical procedure that removes fat deposits, excess tissue, or muscle from the eyelids to improve the appearance of the eyes

CATARACT - Gradual clouding of the crystalline lens resulting in reduced vision or eventual blindness, correctable by cataract surgery

CATARACT SURGERY - Removal of a cataract, replacing it with an intraocular lens implant

CLEAR LENS EXTRACTION (CLE) - Procedure in which the eye's natural clear crystalline lens is removed and replaced with an intraocular lens implant, using the same technique as cataract surgery

CONTACT LENS - Small, thin removable plastic lens worn directly on the front of the eyeballs, usually used instead of ordinary eyeglasses for correction or protection of vision

CORNEA - Transparent tissue that forms the front part of the eyeball, covering the iris and pupil. The cornea is the first part of the eye that bends (or refracts) the light and provides most of the focusing power.

CORNEAL CURVATURE - Shape of the front of the eye

CORNEAL MAPPING, TOPOGRAPHY - A tool used to see the refractive problems that might be present in the cornea. Corneal topography is used not only for screening all patients before refractive surgery like LASIK but also for fitting contacts.

CRYSTALLINE LENS - Double convex, transparent part of the eye, located behind the iris and in front of the vitreous body. Serves in conjunction with the cornea to refract incoming rays of light onto the retina

DIABETIC RETINOPATHY - Deterioration of retinal blood vessels in diabetic patients, possibly leading to vision loss

DILATION - Enlargement of the pupil (space in the middle of the iris)

DRY EYE - A common condition that occurs when the eyes do not produce enough tears to keep the eye moist and comfortable

ENDOTHELIUM - Cellular tissue that covers the inner surface of the eye within the closed cavity, typically referring to the cornea

ENHANCEMENT - An additional LASIK procedure, used in the refinement of Personal Best Vision

EPITHELIUM - Cellular tissue that covers the outer surface of the eye. Consists of one or several layers of cells with little intercellular material

EXCIMER LASER - Laser used in LASIK surgery that operates in the ultraviolet wavelength, producing a cool beam

FACIAL FILLERS - a soft tissue filler injected into the skin to help fill in facial wrinkles, restoring a smoother appearance

FARSIGHTED - Common term for hyperopia

FDA - Abbreviation for the Food and Drug Administration. It is the United States governmental agency responsible for the evaluation and approval of medical devices.

FEMTOSECOND LASER - Used in the LASIK procedure to make a safer and more precise flap than the older mechanical microkeratome technology, it uses a longer wavelength, smaller spot, and shorter duration per pulse than the excimer laser used to reshape the cornea.

FIELD OF VISION - Entire area which can be seen without shifting the gaze

FLAP - Part of the cornea consisting of epithelium, Bowman's membrane and some stroma, cut with a remaining hinge and lifted up as part of the LASIK procedure

FLASHES & FLOATERS - Light spots or streaks and dark moving specks due to the vitreous traction on the retinal (light flashes) and solid vitreous material or blood (floaters)

FRACTIONAL - In cosmetic procedures, fractional means that only a fraction of the skin surface is exposed to the laser beam, leaving untreated skin around each treated micro spot.

GLAUCOMA - Painless disease of the eye characterized by increased pressure within; left untreated it leads to a gradual impairment of sight often resulting in blindness

HYDRAFACIAL - a breakthrough skin resurfacing technology that combines cleansing, exfoliation, extraction, hydration, and antioxidant protection all into one, painless treatment

HYPEROPIA - Also called farsightedness, hyperopia is the inability to see near objects as clearly as distant objects, and the need for accommodation to see distant objects clearly.

INTRAOCULAR LENS IMPLANT (IOL) - Permanent, artificial lens surgically inserted inside the eye to replace the crystalline lens following cataract surgery or clear lens extraction

INTRAOCULAR PRESSURE (IOP) - Fluid pressure within the eye created by the continual production and drainage of aqueous fluid in the anterior chamber

IPL (INTENSE PULSED LIGHT) - a technology used by cosmetic and medical practitioners to perform various skin treatments for aesthetic and therapeutic purposes, including hair removal, photorejuvenation (e.g. the treatment of skin pigmentation, sun damage, and thread veins) as well as to alleviate dermatologic diseases

IRIS - Colored part of the eye. Elastic, pigmented, muscular tissue in front of the crystalline lens that regulates the amount of light that enters the eye by adjusting the size of the pupil in the center

KERATECTOMY - Surgical removal of corneal tissue

KERATITIS - Inflammation of the cornea

KERATOTOMY - Surgical incision (cut) of the cornea

KERATOCONUS - Rare, serious, degenerative corneal disease, in which the cornea thins and assumes the shape of a cone

LASER - Device that generates an intense and highly concentrated beam of light. Acronym for: Light Amplification by Stimulated Emission of Radiation

LASIK - Laser Assisted In-Situ Keratomileusis, a refractive surgery in which Excimer laser ablation is performed under a flap on the cornea to correct refractive errors

LENS - Same as the crystalline lens. Double convex, clear part of the eye, behind the iris and in front of the vitreous humor. Serves to refract the various rays of light to form an image on the retina

MACULAR DEGENERATION - Disease of the macula, which results in the loss of central vision

MICROKERATOME - Mechanical surgical device that is affixed to the eye by use of a vacuum ring. When secured, a very sharp blade cuts a layer of the cornea at a predetermined depth.

MONOVISION - Purposeful adjustment of one eye for near vision and the other eye for distance vision

MYOPIA - Also called nearsightedness or shortsightedness, the inability to see distant objects as clearly as near objects

NEARSIGHTED - Common term for myopia

NORMAL VISION - Occurs when light is focused directly on the retina rather than in front or behind it

OCULOPLASTICS - refers to a wide variety of surgical procedures that deal with the orbit (eye socket), eyelids, tear ducts and the face. It also deals with the reconstruction of the eye and associated structures.

OPHTHALMOLOGIST - A physician (doctor of medicine or doctor of osteopathy) who specializes in the refractive, medical and surgical care of the eyes and visual system and in the prevention of eye disease and injury. The ophthalmologist has completed four or more years of college premedical education; four or more years of medical school; and four or more years of residency, including at least three years of residency in ophthalmology.

OPTICIAN - Expert who designs, verifies and dispenses lenses, frames and other fabricated optical devices upon the prescription of an ophthalmologist or an optometrist

OPTOMETRIST - Eye care professional, graduate of optometry school, provides non-surgical visual care. Specifically educated and trained to examine the eyes, and determine visual acuity as well as other vision problems and ocular abnormalities. An optometrist prescribes glasses and contact lenses to improve visual acuity.

PHOTO REFRACTIVE KERATECTOMY (PRK) - Surgery in which a small area on the corneal epithelium (surface cells) is gently polished away. The laser then reshapes the corneal surface in exactly the same way as for LASIK surgery.

PRESBYOPIA - Inability to maintain a clear image (focus) as objects are moved closer. Presbyopia is due to reduced elasticity of the lens with increasing age.

PRP (PLATELET RICH PLASMA) - As a concentrated source of blood plasma and autologous conditioned plasma, PRP contains several different growth factors and other cytokines that can stimulate healing of soft tissue and joints.

PUPIL - Black circular opening in the center of iris through which light passes into the crystalline lens. It changes size in response to the amount of light being received by the eye, i.e., larger in dim lighting conditions and smaller in brighter lighting conditions

REFRACTION - Test to determine the refractive power of the eye; also, the bending of light as it passes from one medium into another

REFRACTIVE ERRORS - The degree of visual distortion or limitation caused by inadequate bending of light rays, includes hyperopia, myopia, and astigmatism

REFRACTIVE POWER - Ability of an object, such as the eye, to bend light as light passes through it

REFRACTIVE SURGERY - Type of surgery (such as LASIK) that affects the refraction of vision

RETINA - Layer of fine sensory tissue that lines the inside wall of the eye, composed of light sensitive cells known as rods and cones. Acts like the film in a camera to capture images, transforms the images into electrical signals, and sends the signals to the brain by way of the optic nerve

STROMA - Middle, thickest layer of tissue in the cornea

TOPOGRAPHY - A tool used to see the refractive problems that might be present in the cornea. Corneal topography is used not only for screening all patients before refractive surgery like LASIK but also for fitting contacts.

TORIC - Lens (eyeglasses, intraocular lens, or contact lens) that is the warped (astigmatic) opposite to that of the eye, thereby canceling out the error

TUMESCENT - Swelling or slightly swollen. For example, tumescent liposuction involves pumping a solution beneath the skin, swelling it to facilitate suctioning out fat.

VISION CARE - Term used to describe vision services when provided as part of insurance and other third-party payment programs that generally can be equated with refraction plus dispensing of glasses and contact lenses

VISION SERVICES - Refractive and optical services delivered by ophthalmologists, optometrists, and opticians. These services include the supplying, dispensing, and fitting of glasses and contact lenses, if required, and, except for opticians, also include an examination of the eye for corrective lenses.

VISUAL ACUITY - Clearness of vision; the ability to distinguish details and shapes, which depends upon the sharpness of the retinal image

WAVEFRONT - Wavefront technology produces a detailed map of the eye. The information is transferred to the laser via computer software.



LOCATIONS

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3515 Del Prado Blvd South, Unit 104

NAPLES

2100 Tamiami Trail North

LEHIGH ACRES

3020 Lee Boulevard

PUNTA GORDA

109 Taylor Street

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