HIGH DEFINITION VISION® SOLUTIONS

HERZIG
EYE INSTITUTE








THE COMPLETE GUIDE TO LASER VISION CORRECTION

“At the Herzig Eye Institute our commitment is to provide each patient with their best possible vision correction, superior surgical treatments, and the highest level of patient care.

The Herzig Eye Institute’s High Definition Vision® solutions are a series of treatment options designed to give you the most customized, corrective eye-care options in the industry. High Definition Vision® solutions are about you achieving a level of vision that is most often better than with your glasses or contact lenses. Like most of our patients, you’ll wonder why you waited so long.

Thousands of people from all over the world seeking vision correction solutions have trusted the surgeons at the Herzig Eye Institute to provide the best possible visual result with the most proven, safe, and effective technology available. It is truly an awesome responsibility and, I can assure you, one that every member of our clinical and administrative staff takes seriously. At the Herzig Eye Institute, **we value your trust and make every effort to ensure that the highest standards of service and comfort are upheld**. Thank you for giving us the opportunity to meet and exceed your expectations.”

Cherry Tabb
Co-Founder & CEO

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Eye Conditions

NEARSIGHTEDNESS

Nearsightedness is a common refractive error, also known as myopia. Myopia occurs when the eye is too long in relation to the curvature of the cornea. This causes light entering the eye to focus in front of the retina instead of precisely on the retina. If you have nearsighted, you will have difficulty seeing things far away.

FARSIGHTEDNESS

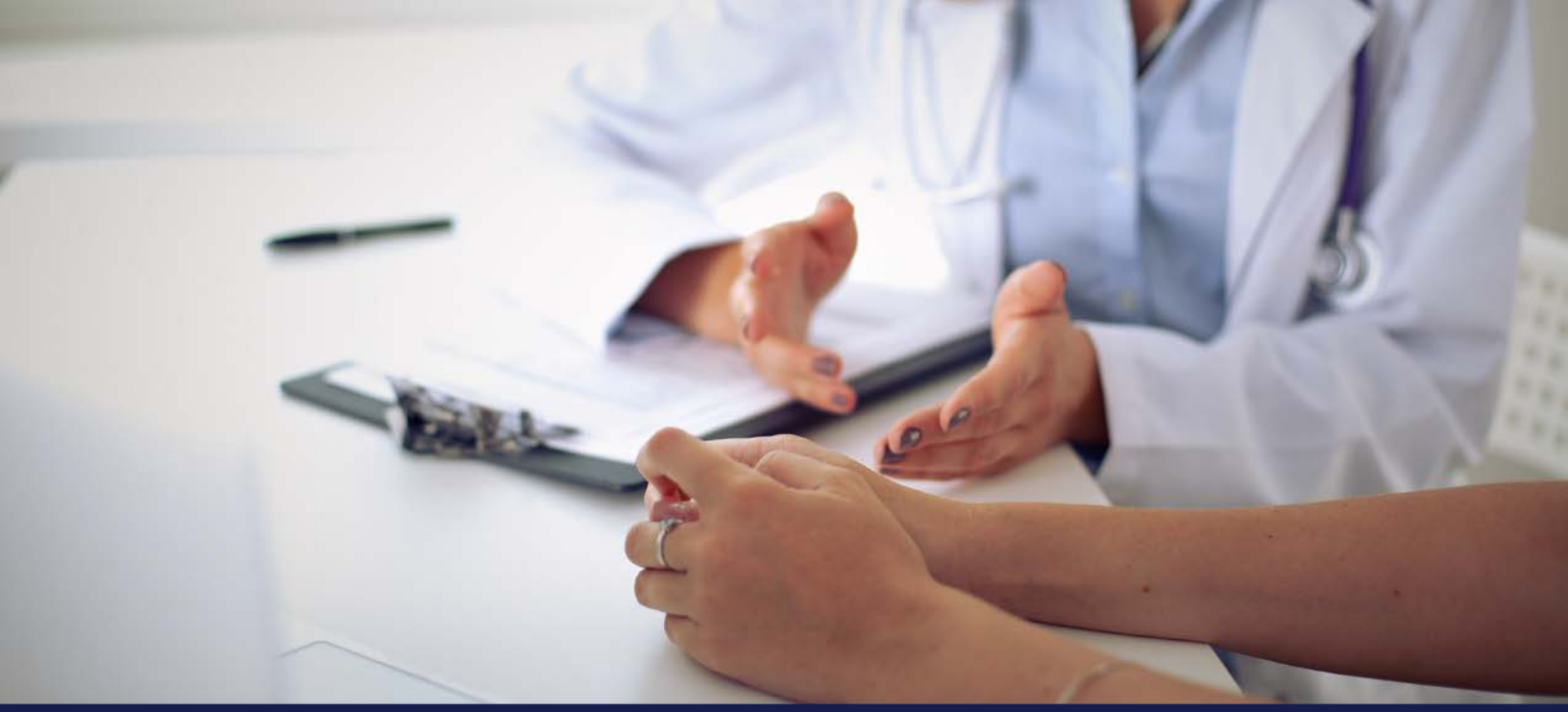
Farsightedness is a common refractive error, also known as Hyperopia. Farsighted people see things best when they are very far away but have trouble seeing things that are closer. Hyperopia occurs when light entering the eye comes into focus behind the retina instead of precisely on the retina. This can be caused by a cornea that is too flat, by an eye that is too short, or by a combination of both problems.

ASTIGMATISM

Astigmatism occurs when the cornea is shaped more like a football than a basketball. Sometimes astigmatism can be caused by an irregularly shaped lens inside the eye. It's this irregular shape that causes distortion or blurry images due to the unequal bending of light rays entering the eye. Astigmatism is a very common condition and most people (especially those with nearsightedness or farsightedness) have it to some degree.

PRESBYOPIA

At the Herzig Eye Institute we specialize in treating vision problems that arise from aging. With time, the eye's natural lens can become too stiff to focus up close. As a result, words and other nearby objects appear blurry. The clinical term for this loss of near vision is presbyopia.



Your Complimentary Consultation

Book your personal consultation with us online or by phone. **Find out which procedure is best for you.** Meet one of our doctors for your comprehensive eye exam, diagnostics and treatment recommendation.

To determine which procedure is right for you, a comprehensive assessment is conducted utilizing state-of-the-art technology. Based on the thorough diagnostic assessment, your surgeon will tailor a treatment plan to match the right procedure to your unique vision needs.

Our Procedures

The Herzig Eye Institute is a world leader in providing a range of custom vision correction solutions to treat nearsightedness, farsightedness, astigmatism and presbyopia (the loss of reading vision). **Every person's eyes are unique and we have a full range of corrective procedures to meet every need.**

LASER VISION CORRECTION

Laser Vision Correction is one of the most exciting technological advances in the history of eye care. There are three ways of utilizing this extraordinary technology, SMILE, LASIK and PRK.

Nearsightedness, farsightedness, astigmatism and presbyopia (the loss of reading vision) can be treated with Laser Vision Correction. At the Herzig Eye Institute our experienced surgeons use only the most advanced Laser Vision Correction technology to help you achieve life-changing results, whether they recommend SMILE, LASIK or PRK.

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Our Procedures *(continued)*

SMILE - SMALL INCISION LENTICULE EXTRACTION

SMILE is the latest advancement in Laser Vision Correction. SMILE stands for Small Incision Lenticule Extraction, and it safely and accurately treats people with nearsightedness and astigmatism. Unlike its predecessors, PRK and LASIK, it does not use an excimer laser to remove corneal tissue. Instead, it uses a highly advanced femtosecond laser to create a tiny lens-shaped piece of tissue (a lenticule) within the cornea. When this lenticule is removed through a tiny incision, the cornea takes on a new shape, which allows it to focus light clearly on the retina – thus eliminating nearsightedness and astigmatism.

SMILE offers all the advantages of LASIK including fast visual recovery and minimal discomfort during healing. SMILE allows correction of higher levels of nearsightedness and it significantly reduces the incidence of post-operative dry eye. SMILE is increasing in popularity because it doesn't require a corneal flap. It has become the laser procedure of choice for many surgeons around the world.

Our Procedures *(continued)*

LASIK - LASER ASSISTED IN SITU KERATOMILEUSIS

LASIK remains the most common Laser Vision Correction procedure in the world. LASIK stands for LASer In-situ Keratomileusis. LASer refers to the excimer laser that is used to reshape the cornea. In-situ means that the procedure is carried out within the corneal tissue. Keratomileusis comes from kerato (Greek meaning cornea) and mileusis, which means to remodel, or reshape.

A wide range of nearsightedness, farsightedness, and astigmatism can be corrected by the LASIK procedure. First, a special laser called a femtosecond laser creates a thin circular flap of tissue in the outer cornea. This flap is folded back to expose the bed of the cornea. Next, in a matter of seconds, a cool ultraviolet laser called an excimer laser precisely removes a tiny quantity of tissue from the cornea. Then the flap of corneal tissue is very carefully replaced and is almost instantly held in place by the natural processes of the eye.

With LASIK you have quick visual recovery and almost no discomfort. Most people can return to their normal activities the day after their procedure.

PRK - PHOTOREFRACTIVE KERATECTOMY

PRK, or Photo Refractive Keratectomy was invented over 30 years ago and is still widely performed today. PRK is used to correct nearsightedness, farsightedness and astigmatism. Visual recovery is slower (usually 1-2 weeks) however, PRK is a safe, viable option for patients who are not good candidates for LASIK or SMILE. PRK may be the procedure of choice for some patients, especially those with thin corneas.

During PRK, the top cell layer of the cornea (epithelium) is gently removed to prepare the eye for treatment. Next, in a matter of seconds, a cool ultraviolet laser called an excimer laser precisely removes a tiny quantity of tissue to reshape the cornea and correct your vision. Anesthetic drops are used which numb the eye making the actual procedure painless.

After the treatment, a contact lens is placed on your eye as a bandage allowing the epithelium to heal and to minimize discomfort.

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Our Procedures *(continued)*

PRESBYOPIA

There are a number of options to correct presbyopia (loss of reading vision) utilizing SMILE, LASIK or PRK. Monovision can be achieved with all of our High Definition Vision® solutions. Monovision means one eye is fully corrected for distance and the other eye is corrected to focus at near. The brain integrates the visual information from both eyes and adjusts either immediately or within a few weeks to having each eye focus at a different distance. Most people tolerate this very well and can function most of the time without glasses.

Another way to give someone both distance and near vision is with Laser Blended Vision. This technique can be achieved with LASIK. With Blended Vision, one eye is treated to view objects mainly at distance, and the other is treated to view objects mainly up close. Both eyes are given a depth of field increase allowing you to work in the intermediate zone as well. The brain is able to compensate enabling you to see distance and near without effort. Most people experience excellent depth of focus and overall visual acuity, without the need to wear glasses or contact lenses.

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Other Options

WHAT IF I AM NOT A CANDIDATE FOR LASER VISION CORRECTION?

Some people learn they are deemed ineligible for any kind of Laser Vision Correction procedure. At the Herzig Eye Institute, we are pleased to provide other safe options such as Refractive Lens Exchange (RLE) and the Intraocular Collamer Lens (ICL).

Most other facilities don't offer more than one option. When you come to the Herzig Eye Institute, you can take comfort in knowing that our surgeons are not limited by a single procedure. Our goal is to recommend a treatment that will provide you with the best result possible.

RLE - REFRACTIVE LENS EXCHANGE

Refractive Lens Exchange, also called lens replacement surgery or clear lens extraction, is recommended for people with very high levels of nearsightedness, farsightedness, astigmatism, presbyopia, and for those with early lens opacities.

The procedure for Refractive Lens Exchange is virtually identical to that used in cataract surgery – the most successful procedure in modern medicine. The difference is that in RLE, the lens being replaced is clear.

RLE replaces your eye's clear natural lens with a small artificial lens called an intraocular lens (or IOL) to correct your distance vision, reading vision or both. With intraocular lenses, there is no "one size fits all," and your surgeon will recommend an IOL that is most suitable for your individual needs. The procedure generally requires ten minutes of operating room time.

Traditionally, many of the steps in the procedure were performed manually. With the introduction of Laser Assisted Lens Surgery, a highly advanced femtosecond laser now performs several of the steps that were once performed manually. Herzig Eye Institute's world class surgeons are able to provide a gentle, highly customized RLE procedure with precision that is not achievable with traditional manual techniques. Most lens procedures are now performed in this way at the Herzig Eye Institute.

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Our Procedures *(continued)*

ICL - INTRAOCULAR COLLAMER LENS

An Intraocular Collamer Lens (also called, Phakic IOL) is another option available for patients with high levels of nearsightedness or astigmatism that are too extreme for Laser Vision Correction, and for whom Laser Vision Correction on the cornea is not safe.

The Intraocular Collamer Lens (ICL) is a very thin microlens implant designed to rest in front of the eye's natural lens, just behind the iris. The ICL functions like a contact lens to correct nearsightedness. The difference is that the ICL works from within your eye instead of sitting on the surface of your eye. Your own natural lens remains untouched within your eye, providing that all-important ability to change focus between distance and near vision without effort in younger patients. Once implanted, the ICL stays indefinitely in the eye, you cannot feel it at all and apart from regular eye exams, it does not require anymaintenance.

The ICL procedure typically takes 10 to 15 minutes to perform, and both eyes can be treated on the same day. Before inserting the lens, the eye is made numb using anesthetic eye drops and there is very little discomfort associated with the procedure. The surgeon creates a micro opening to insert the folded lens and once inserted, the ICL gently unfolds to its full width. Most people notice improved vision immediately following the procedure.

This innovative intraocular procedure is both revolutionary and liberating for patients who have been turned down for Laser Vision Correction. The ICL is capable of correcting nearsightedness and astigmatism with extreme precision.

Your Custom Procedure

Your personalized eye procedure is made to measure, **just for you.**

Your care is our priority. Our procedures are performed in our state of the art surgical centre, with minimal downtime. Vision correction procedures are now safer, faster and more accurate than ever before. We will continue to lead the way in vision correction to provide the safest and most accurate results possible.

Be Amazed...

Be ready to be amazed by **your new vision** and outlook on life.

Your post-operative visits at Herzig Eye Institute, or with your referring eye doctor are provided to give you constant assurance during the brief healing process.

Your original vision correction procedure is covered by our **Continued Care Commitment**. Follow-up care is essential so you will need to return for post-op appointments and maintain regular annual eye exams with your eye doctor.

Your eyes are priceless
and deserve the best

The Herzig Eye Institute Difference
We aim to provide the highest standards of medical excellence. Our team of renowned surgeons has been selected for their outstanding experience in cataract and refractive surgery. Doctors across North America regularly refer their more difficult cases to us.

The Best Option for You
We specialize in matching the appropriate treatment to your unique needs, taking custom vision correction to the next level. We utilize only the most advanced and proven vision correction technology to offer you the best and safest option.

Your trust means everything to us, and we will work hard to earn it. We are proud to offer a gold standard in eye treatments. We want the very best for you and your vision is our passion.

Schedule your complimentary consultation today
and start the process towards better vision!

Call or Visit Us Online to Request Your Complimentary Consultation

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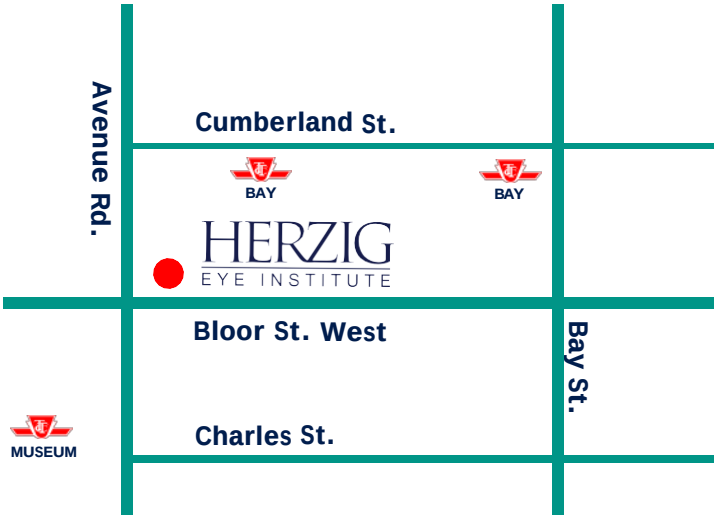

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