WHY **EDOF** INTRAOCULAR LENSES?

FOR **EXCELLENT VISION QUALITY** TO SUPPORT AN **ACTIVE LIFESTYLE**

PATIENT INFORMATION | Cataract treatment

Insert your logo here


OK, I HAVE
A CATARACT.
NOW WHAT?

WE UNDERSTAND YOUR CONCERNS – WE CAN HELP.

Dear patient,

discovering you have a cataract can cause anxiety and concern. However, medical advancements available today offer reliable options for an effective cataract treatment. Additionally, they enable correction of other vision disorders you may have, allowing you to enjoy good eyesight again.

Our qualified team of cataract specialists employ the most modern technologies to effectively address individual visual requirements.
They have helped many patients just like you regain their vision again.

Learn more about these advanced treatment methods and how they may help you with your specific vision needs.

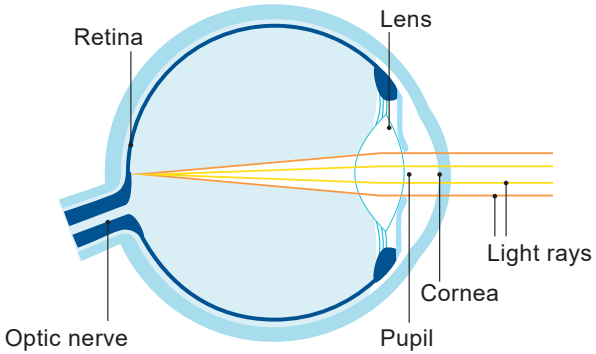

WHY AM I AFFECTED?
CATARACTS ARE COMMON.

What is a cataract?

A cataract is a gradual clouding of the natural lens of the eye, caused by a change in the protein structure. Most people are affected sooner or later. In fact, many people over 50 have some form of cataract.

How do cataracts occur?

In the healthy eye, the crystalline lens focuses the light rays on the retina in the back of the eye to form a clear image. With age, the lens becomes thicker and less transparent. It prevents light from passing through, thus causing a hazy vision called a cataract. A cataract is much like a foggy window you can't see through clearly.



Normal vision: Light rays are focused on the retina, forming a clear image. With cataract, less light enters the eye causing blurry vision.

TYPICAL CATARACT SYMPTOMS

- Gradual deterioration in vision quality
- Hazy or cloudy vision
- Faded color and contrast perception
- Increased sensitivity to bright light
- Frequent changes of eyeglass prescription

Normal vision Vision with a cataract

Untreated, the cataract gradually diminishes the quality of vision and can even lead to blindness. A cataract should be treated when it starts affecting your life.


HOW IS A CATARACT TREATED?
WITH A SAFE AND EFFECTIVE PROCEDURE.

Modern cataract treatment

A cataract cannot be treated with medication or corrected with eyeglasses. The cloudy cataract lens must be surgically removed. Cataract surgery is the most frequently performed surgical procedure in the world. It is widely regarded as safe and effective.

The procedure is usually performed on a comfortable outpatient basis using local anesthesia and takes about 15 to 30 minutes. The cloudy natural lens is gently removed through a tiny incision at the edge of the cornea.

It is replaced by a very small artificial lens (called an intraocular lens) that is implanted through the same incision. With intraocular lenses (IOLs), vision blurred by cataract can once again be restored to clarity.

Intraocular lenses represent highly innovative cataract treatment technology. Usually made of a soft synthetic, biocompatible material, the lens cannot be seen or felt in the eye. IOLs can have one or more focal points to simulate the visual properties of the natural lens, enabling you to enjoy better vision after surgery.

TREATMENT STEPS

1
SURGERY PREPARATION
Eye measurements to calculate the correct intraocular lens

2
OUTPATIENT SURGERY
Same-day procedure with a local anesthetic such as eye drops

3
FOLLOW-UP VISITS
First day after surgery, then for approx. a month, as needed

4
REGULAR EXAMINATIONS
Periodic check-ups by your eye doctor

HOW DO EDOF INTRAOCULAR LENSES DIFFER?

THEY PROVIDE EXCELLENT VISION AT FAR AND INTERMEDIATE DISTANCES.

Understanding lens implants
Extended Depth of Focus IOLs

Different types of intraocular lenses are available today. All of them enable treatment of cataract. However, some IOLs offer added functionalities, for instance, correction of preexisting vision disorders to provide even better vision quality for specific distances after cataract surgery.

Monofocal intraocular lenses

So-called monofocal IOLs have one focal point providing sharp vision at one distance, usually for far vision. For closer distances, patients typically still need to use glasses. Besides the need for additional glasses, monofocal IOLs do not cause any further side effects.

Multifocal intraocular lenses

Multifocal lenses provide additional focus points. This allows patients to see sharply at different distances and enjoy greater (or even complete) freedom from glasses. Multifocal IOLs thus not only treat cataract, but also presbyopia. However, not all patients can tolerate multifocal IOLs equally well. Due to the optical design of these lenses, some patients may experience side effects such as halos around light sources, particularly at night.

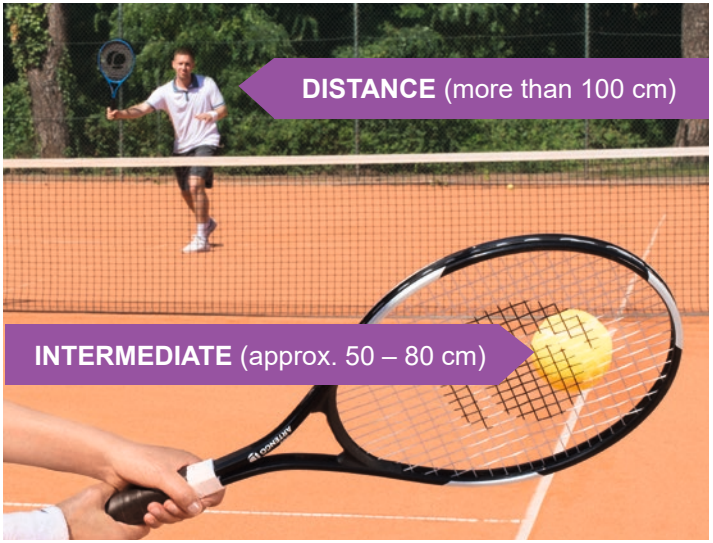
Extended Depth of Focus (EDoF) lenses

A new type of lens, the so-called Extended Depth of Focus (EDoF) IOL, lets you see clearly at intermediate and far distances. EDoF lenses represent advanced IOL technology. They combine the advantages of both monofocal and multifocal IOLs, providing the perfect balance between freedom from glasses and fewer side effects. Additionally, the toric version allows for precise astigmatism correction.


WHAT
MAKES EDOF
LENSES
SPECIAL?
A WIDE
VISION RANGE
FOR YOUR
DAILY LIFE.

Wide range of vision & astigmatism correction
Good eyesight for everyday life

Extended Depth of Focus (EDoF) lenses provide sharp vision over a wide range, allowing you to see objects clearly at different distances from far to intermediate: approximately at arm's length. EDoF IOLs enable you to perform a broad spectrum of activities without visual aid, including sports, socializing, cleaning, cooking, shopping and other typical home and garden tasks, also working on the computer, watching TV or driving a car. Daily tasks become easier and more enjoyable. Most activities can be fulfilled without needing to wear prescription glasses, however, reading glasses may be necessary for fine print and precision work.




Normal vision


Vision with astigmatism

Astigmatism correction with toric EDoF IOL

For patients suffering from astigmatism a special type of intraocular lens, a so called toric IOL must be implanted. Astigmatism occurs when the cornea at the front of the eye has an irregular (slightly oval) shape causing objects at different distances to appear skewed or distorted. The toric EDoF IOL corrects the distorted light rays passing through the astigmatic cornea. The light is then properly focused on the retina, providing good vision at far and intermediate distance.

Less visual side effects
For more vision comfort at night

EDoF lenses offer increased freedom from glasses while, at the same time, reducing visual side effects typically associated with multifocal IOLs. Some patients are more, others less sensitive to these light phenomena, most of which may be experienced as halos or glare around light sources, especially at night.

Patients with EDoF lenses generally enjoy good night vision, which is particularly important for driving after sunset, for example. The undisturbed and reliable visual performance that EDoF lenses provide also gives patients a feeling of added comfort and safety.

EDoF lenses offer an excellent fit for individuals wishing to maintain an active lifestyle at an older age, as well as those interested in an IOL that perfectly combines greater freedom from glasses for most daily activities with high vision comfort day and night. Consult your doctor to see if an EDoF IOL might also be right for you.


ARE **EDOF LENSES** RIGHT FOR ME?
WE CAN HELP YOU DECIDE.

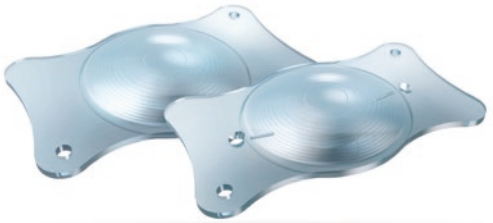
When your eyesight is at stake, you want the best treatment option possible. EDoF intraocular lenses from ZEISS set new standards in cataract treatment. Their excellent visual qualities have helped numerous cataract patients worldwide greatly improve their vision. **AT LARA** lenses from ZEISS are ideally suited for people who want to enjoy clear vision once again.

Our team of cataract specialists has relied on modern ZEISS IOL technology for years for restoring cataract-related vision loss. ZEISS is the world innovation leader in optics and one of the most trusted and respected brands in the field of medical technology. The company has a long tradition of manufacturing high-quality lenses for everything from glasses to cameras, microscopes, binoculars and intraocular lenses.

Our extensive treatment expertise combined with advanced medical products form the basis for achieving the best possible outcomes for patients. Consult with our specialists to see whether EDoF IOLs are the best option for you.

Designed for best vision results
Benefits of ZEISS AT LARA lenses

- Greater freedom from glasses
- Good functional vision for performing daily tasks
- Low level of visual side effects for more comfort at night
- Precise astigmatism correction



ZEISS AT LARA lenses and the actual IOL size

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Feel free to contact our team
if you have any questions.

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