The innovative trifocal IOL concept providing True Living Vision to more patients
The moment you help your patients see the whole picture. 
This is the moment we work for.
True Living Vision
With ZEISS AT LISA tri family

Many patients experience vision restrictions getting in the way of life’s little pleasures. Eliminating these visual limitations and being able to switch between near, far and intermediate will offer your patients more freedom and joy of life.

Let your patients enjoy the beauty of life with the ZEISS AT LISA® tri family. Let them see the whole picture. Let them experience True Living Vision.
True Living Vision
With ZEISS AT LISA tri family

With its innovative trifocal platform AT LISA tri family, ZEISS brings the multifocal optic design to a complete new level:

- achieving outstanding visual results
- meeting highest expectations of cataract, presbyopia and astigmatism patients
- offering your patients a whole new sensation: True Living Vision
True Living Vision describes not only excellent visual outcomes, but also a feeling of vision continuity. Within the whole vision range.

True Living Vision allows patients to live an active life without glasses and enjoy a full spectrum of activities without limitations.
True Living Vision
For all distances…

Near

Intermediate

Far
True Living Vision
…and all light conditions

Near

Intermediate

Far
True Living Vision
For unrestricted vision and joy of life

Discover the major benefits of ZEISS AT LISA tri and AT LISA tri toric for your patients:

- **True Living Vision** for more patient satisfaction and spectacle independence
- Excellent vision at all distances and under all light conditions
- Outstanding intermediate vision
True Living Vision
Unique trifocal concept

Discover the unique features of the innovative trifocal family concept:

- Additional third focal point for real intermediate vision
- Excellent optical efficiency – day and night
  - Asymmetrical light transmittance
  - Pupil size independency
  - Reduced visual phenomena
- Precise astigmatism correction with the new ZEISS AT LISA tri toric
“With the ZEISS AT LISA tri, I can finally introduce my patients to a real multifocal world without sacrificing their contrast sensitivity and without increasing their dysphotopsias.”

Joaquín Fernández, MD (Hospital Vithas Virgen del Mar, Almería, Spain)
True Living Vision
For happier, more satisfied patients

With exceptional performance of the ZEISS AT LISA tri family an active life without limitations becomes reality, satisfying even the most demanding patients.

Postoperative visual acuity at different distances (n = 26)*

* Data on file.
** Please refer to AT LISA tri Clinical Leaflet for more information.
True Living Vision
For a real intermediate vision

The ZEISS AT LISA tri family offers outstanding intermediate visual performance.

The superior intermediate vision with ZEISS AT LISA tri family becomes evident when compared to an apodized bifocal IOL or a trifocal IOL with convolution design.
True Living Vision
For an enhanced intermediate visual acuity

Due to the intermediate addition of +1.66, the ZEISS AT LISA tri family significantly improves visual acuity at the intermediate distance, enabling your patients to feel more comfortable performing daily activities.
True Living Vision
For outstanding contrast sensitivity

The efficient optical design of the ZEISS AT LISA tri family provides high resolution images with great contrast sensitivity at all distances and under all light conditions.

The ZEISS AT LISA tri IOLs improve visual acuity over the whole vision range, especially after binocular implantation.

Enhanced intermediate visual acuity, especially after binocular implantation
The ZEISS AT LISA tri family enables a smooth transition between near, intermediate and far. Your patients will be able to switch back and forth between objects at different distances without the need to put on corrective glasses.

Defocus: Visual quality over a range from 25 cm to ∞
True Living Vision
For excellent optical efficiency by day

Overall light transmittance

The refractive-diffractive profile designed to enhance intermediate vision over the central optic of the ZEISS AT LISA tri increases the overall efficiency of light transmittance to an average rate of **85.7 %**

AT LISA tri has a stable light energy transmittance of around 85.7 %.
Asymmetrical light distribution re-invented

With a unique asymmetrical light distribution of 50 %, 20 % and 30 % between far, intermediate and near foci, ZEISS AT LISA tri is able to provide more satisfying and predictable visual outcomes for younger patients with active pupils.

AT LISA tri asymmetrical light distribution*

* Data on file.
True Living Vision
For excellent optical efficiency by night

Pupil independence
The maximized, pupil-independent design of the ZEISS AT LISA tri is based on the proven long-term results of the AT LISA family and ensures consistent optical performance regardless of the lighting conditions.

Improved night vision
The optic design of the ZEISS AT LISA tri family with trifocal center and bifocal periphery ensures optimized night vision.

After implantation of a ZEISS AT LISA tri lens nocturnal car trips or reading in a dim light can be performed without obstacles.
**True Living Vision**
For excellent optical efficiency by night

**Excellent image quality**
Utilizing the proven Smooth Micro Phase Technology based on our proven LISA concept for the lens surface, the ZEISS AT LISA tri optic does not have any sharp angles, resulting in ideal optical image quality with reduced light scattering.
True Living Vision
For more patients

Precise astigmatism correction

With the new toric version of the trifocal IOL the spectacle-free vision becomes available to a broader group of patients. Now also astigmatic patients can enjoy the entire vision range with True Living Vision.

“The new AT LISA tri toric from ZEISS delivers excellent, predictable visual results at all distances and enables accurate astigmatism correction. Easy to implant and align, the IOL guarantees a stable position in the eye.”

Patrick Versace, MD, Vision Eye Institute, Sydney, Australia
True Living Vision
Precise astigmatism correction with ZEISS AT LISA tri toric

The equiconvex bitoric optic of ZEISS AT LISA tri toric improves the optical performance of the lens.

Clear axis marks on the posterior side of the ZEISS AT LISA tri toric, as well as the 4-haptic design and a non-sticky IOL surface enable an easy bi-directional alignment.
True Living Vision
Unique optic design

The optical zone of the ZEISS AT LISA tri 839MP and the new ZEISS AT LISA tri toric 939MP provides a near addition of +3.33 D for a comfortable reading distance and an intermediate addition of +1.66 D to perform most daily activities.

In addition to its square edge design, the ZEISS AT LISA tri family also offers a 360 degree anti-PCO barrier for double PCO (Posterior Capsular Opacification) protection.
True Living Vision
Based on the ZEISS MICS platform

Based on the proven ZEISS MICS platform, the ZEISS AT LISA tri family is designed for a microincision of 1.8 mm to reduce surgically induced astigmatism.

The innovative ZEISS BLUEMIXS® 180 injector combined with the preloaded AT LISA tri or AT LISA tri toric allows easy and safe implantation.
# ZEISS AT LISA tri Technical Specifications

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**ZEISS AT LISA tri toric**

**Technical Specifications**

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³ AT LISA tri toric 939M is available in the diopter ranges: sphere -10.0 to +28.0 D, cyl. +4.5 D to +12.0 D and +28.5 to +32.0 D, cyl. +1.0 D to +12.0 D.
The moment innovation and passion lead to the best vision for your patient. This is the moment we work for.
We make it visible.