

EDoF IOL



NEW
EDoF IOL
from ZEISS

ZEISS AT LARA 829MP

Next generation Extended Depth of Focus
Intraocular Lens



Introducing the next generation EDoF IOL with the widest range of focus.*

ZEISS AT LARA

The new premium lens from ZEISS to make more of your patients happy

Cataract and presbyopia patients are becoming more and more demanding. They would like to be spectacle-independent well into their older years and many are willing to invest in this freedom and better quality of life. However, some patients are more sensitive to and can therefore not accept the compromise of visual side effects that can be associated with multifocal IOLs.

Extended Depth of Focus (EDoF) IOLs represent a new and highly attractive category of intraocular lenses, combining benefits of different technologies: A wider range of clear vision than monofocal IOLs and less side effects than multifocal IOLs.

With the AT LARA® 829MP, ZEISS introduces the next generation of EDoF IOLs, designed to provide the widest range of focus in this category, resulting in even higher spectacle independence. This allows these more sensitive patients to lead an active, enjoyable lifestyle without glasses, with visual comfort at night.

ZEISS AT LARA allows you to meet the needs of more patients – for more happy patients and a growing premium IOL business.

**Data on file.*

// INNOVATION
MADE BY ZEISS

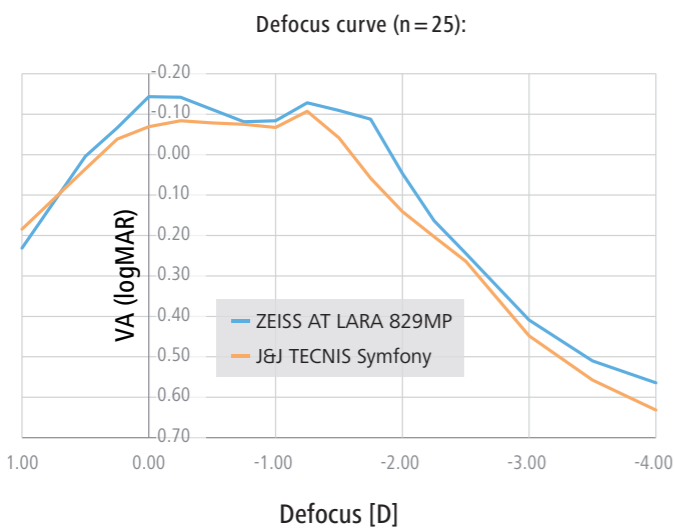
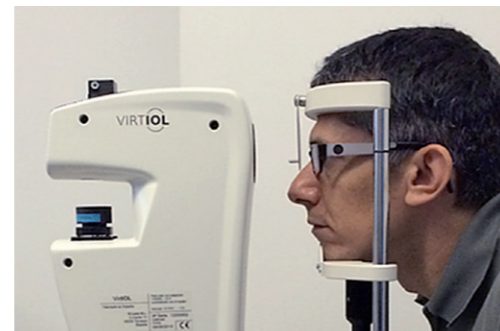
ZEISS AT LARA – the perfect balance between increased spectacle independence ...

... and less visual side effects.



The new AT LARA 829MP from ZEISS is designed to provide the widest range of focus among EDoF IOLs, for an expected higher spectacle independence. This allows patients to lead an active, enjoyable lifestyle without glasses.

Pre-clinical results confirm widest range of focus*:
The defocus curve of the new ZEISS AT LARA EDoF IOL was compared with that of Johnson & Johnson TECNIS Symphony in a pre-clinical study with 25 subjects. In the test setup, the IOLs were “virtually implanted” by placing them on the optical path of a dedicated device, permitting the conduct of standard vision tests in non-implanted subjects.



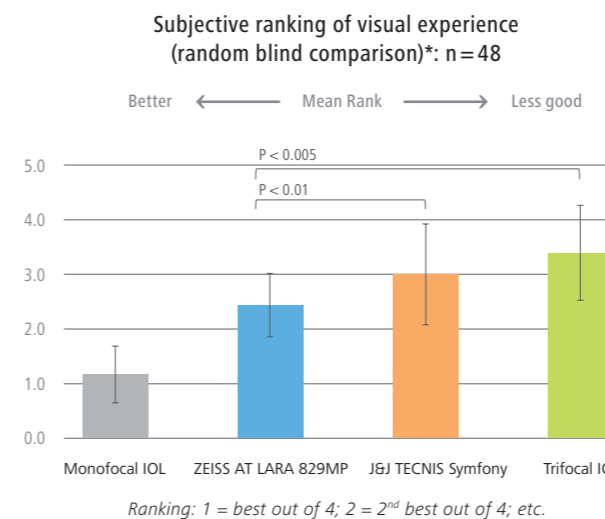
Findings:
The average defocus curve of ZEISS AT LARA shows higher visual acuity values than J&J TECNIS Symphony over a wider range of focus distances, suggesting more spectacle independence.

* Data on file.

ZEISS AT LARA optical design and patented Smooth Microphase (SMP) technology minimize light scattering and thus halos & glare. For more visual comfort at night.



Pre-clinical tests indicate less disturbance with ZEISS AT LARA than with J&J TECNIS Symphony:
In pre-clinical tests using the “virtual implantation” setup, 48 subjects compared 4 different IOLs in a typical night traffic situation in a random blinded manner: one monofocal IOL, two EDoF IOLs (ZEISS AT LARA and J&J TECNIS Symphony), and one trifocal IOL.



Findings:
The monofocal IOL was rated best by test persons. ZEISS AT LARA was rated second, better than J&J TECNIS Symphony and the trifocal IOL.

* Guthoff R et al. Characterization of starburst and halo size for different virtually implanted intraocular lenses in comparison to subject's quality of vision. Presented at ARVO; May 29–April 3, 2017. Honolulu, Hawaii.



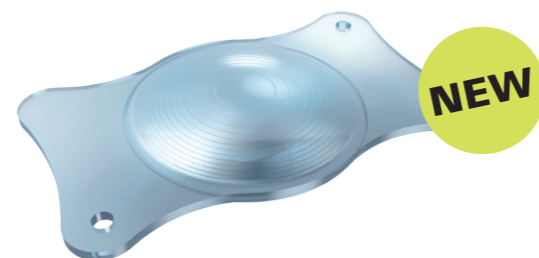
Make even more patients happy ...

ZEISS offers a comprehensive portfolio of premium IOLs to cover different patients' needs. Depending on the level of spectacle independence that your patients wish to achieve, their individual habits and preconditions, and their sensitivity to visual side effects, you can now choose among the following premium options:

ZEISS AT LARA 829MP

For patients who wish for a high degree of spectacle independence, but are also more sensitive to visual side effects and are willing to accept reading glasses.

- The widest range of focus among EDoF IOLs
- Spectacle independence for intermediate and far distances
- Less visual side effects than with multifocal IOLs
- An aberration-neutral aspheric design and advanced chromatic correction for optimized contrast sensitivity



... and grow your premium business with ZEISS.

ZEISS AT LISA tri 839MP

For patients aiming for maximum spectacle independence at all distances.

- 90 % of extremely high or very high patient satisfaction
- Patient referral rate reaching 97 %
- About 90 % spectacle independence at all distances
- Outstanding visual acuity
- 5 years of proven record of excellent outcomes with over 25 peer-reviewed publications



ZEISS AT LISA tri toric 939MP

The toric version of the trifocal IOL combines the benefits of ZEISS AT LISA® tri 839MP with precise correction of astigmatism, making spectacle independence equally available to your astigmatic patients.

- Spectacle independence at near, intermediate and far
- Precise astigmatism correction
- Rotation stability





0297 AT LARA 829MP
AT LISA tri 839MP
AT LISA tri toric 939M/MP



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