# Study Spotlight: Clinical outcomes of Mix & Match for ZEISS AT LISA® tri and ZEISS AT LARA®

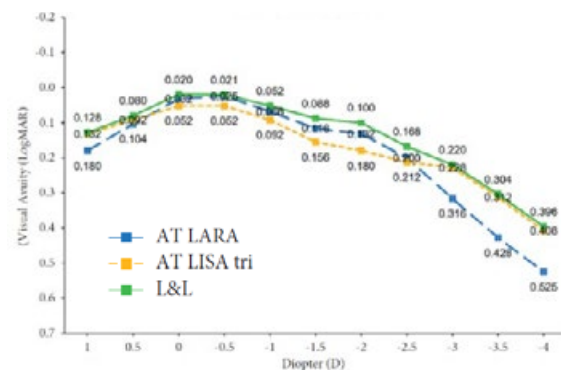**ZEISS**

Seeing beyond

## Methodology

Song et al. 2021

👤 **25**  👁 **50**  📅 **6**mth.

▶ **Clinical outcomes of combined implantation of an EDoF IOL and a Trifocal IOL in a Korean Population.**



Monocular defocus curves of AT LARA 829MP and AT LISA tri 839MP and binocular mix & match curve
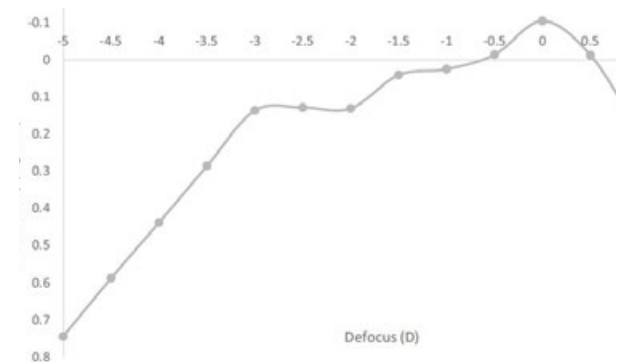
## Results

▶ Journal of Ophthalmology (2021).
- Binocular visual acuities at all distances were better in patients with combined IOL implantation than monocular visual acuities achieved with each IOL.
- Combined implantation of the AT LARA 829MP IOL and the AT LISA tri 839MP IOL showed similar visual acuity results at distance vision, and better results at an intermediate distance (-1.5D) and at near distance compared to monocular visual acuity results.

## Methodology

Mc Neely et al. 2021

👤 **58**  👁 **116**  📅 **12**mth.

▶ **Visual outcomes and patient satisfaction 1 and 12 months after combined implantation of EDoF and Trifocal IOLs.**



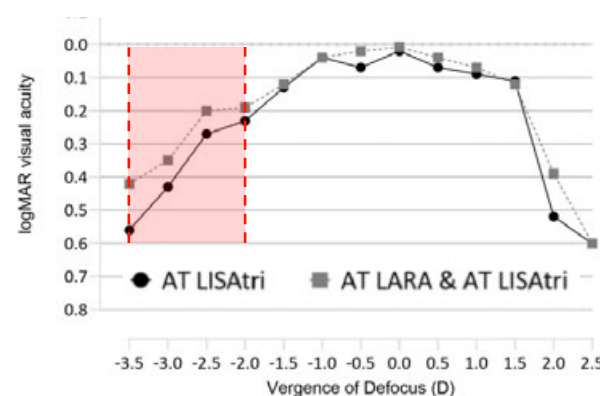Binocular defocus curve at 1 month.

## Results

▶ Int Ophthalmol (2021).
- Binocular defocus curve at 1 month was showing a peak in distance visual at distance and a very good and stable visual acuity from 50 to 33 cm (-2.0 D to -3.0 D).
- Mean binocular UDVA at 1 month and 12 months was -0.08 ± 0.07 logMAR and 0.09 ± 0.06 logMAR

## Methodology

Acar & Tabakci 2021

👤 **20**  👁 **40**  📅 **6**mth.

▶ **Clinical outcome comparison: bilateral Trifocal vs. mix & match EDoF and Trifocal IOLs.**
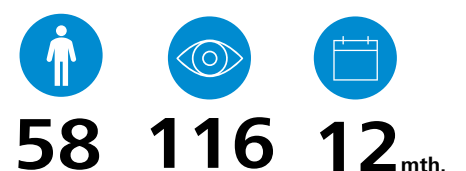


Binocular defocus curves at 6 months.

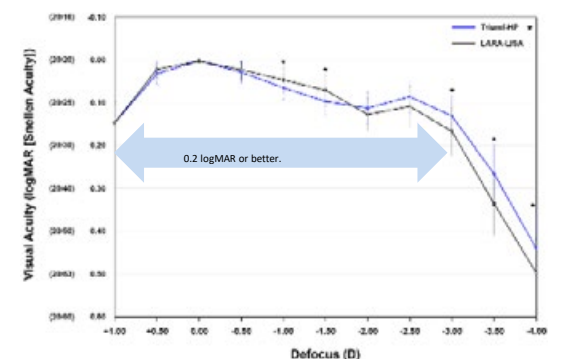## Results

▶ Int Ophthalmol (2021).
- No statistically significant differences in binocular UDVA and UNVA between both groups.
- Binocular defocus curve showed significantly better outcomes for AT LISA tri and AT LARA mix & match group from -2.0 D to -4.0 D.

## Methodology

Kim et al. 2022

👤 **58**  👁 **116**  📅 **12**mth.

▶ **Comparison of visual outcomes after two types of mix & match implanted Trifocal EDoF and Trifocal IOLs.**



Binocular distance-corrected defocus curve.
* indicate significant difference

## Results

▶ Graefes Arch Clin Exp Ophthalmol (2022).
- In both groups, the binocular defocus curve showed a mean visual acuity of 0.2 logMAR or more between +1.00 D and -3.00 D of defocus.
- Between -1.00 D and -1.50 D of defocus (corresponds to intermediate vision) AT LARA-LISA group showed better visual acuity than the Triumf-HP group