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



Seeing beyond

Methodology

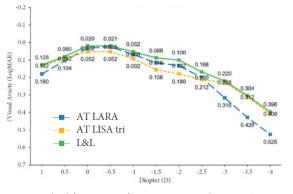
Song et al. 2021

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





Results



Monocular defocus curves of AT LARA 829MP and AT LISA tri 839M

Journal of Ophthalmology (2021).

DOI: 10.1155/2021/9034258

- 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

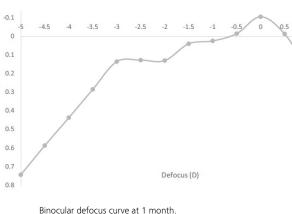
Mc Neely et al. 2021

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









Results

Int Ophthalmol (2021).

DOI: 10.1007/s10792-021-01970-3

- 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 $-0.08 \pm 0.07 \log MAR$ and $0.09 \pm 0.06 \log MAR$

Methodology

Acar & Tabakci 2021

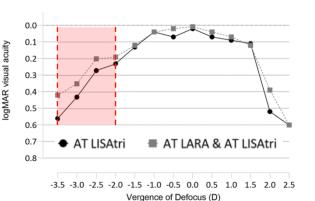
Clinical outcome comparison: bilateral Trifocal vs. mix & match **EDoF and Trifocal IOLs.**











Methodology

Kim et al. 2022

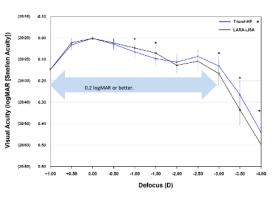
Comparison of visual outcomes after two types of mix & match implanted **Trifocal EDoF and Trifocal** IOLs.







116 12_{mth}



Binocular distance-corrected defocus curve

Results

Int Ophthalmol (2021).

DOI: 10.1007/s10792-021-01925-8

- 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.

Results

Graefes Arch Clin Exp Ophthalmol (2022). DOI: 10.1007/s00417-022-05710-w

- 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