

Edition I: 06/2015

Literature Pick



LENTIS® Blended Vision:

LENTIS® Comfort and
LENTIS® Mplus^X
in the mix for lifestyle
applications

Dr. Detlev Breyer (Breyer/Kaymak Augenchirurgie, Dusseldorf) presented his mix and match strategies with blended vision for LENTIS® Comfort and LENTIS® Mplus^X in the „Meet the Experts“ workshop in Munich. Priority target of that strategy is an optimised visual outcome for patients who have a high demand of spectacle freedom but a zero-tolerance for dysphotopsia.

The concept is as follows: The LENTIS® Comfort is implanted in the dominant eye and the Mplus^X in the non-dominant eye (target refraction for both sides is emmetropia).

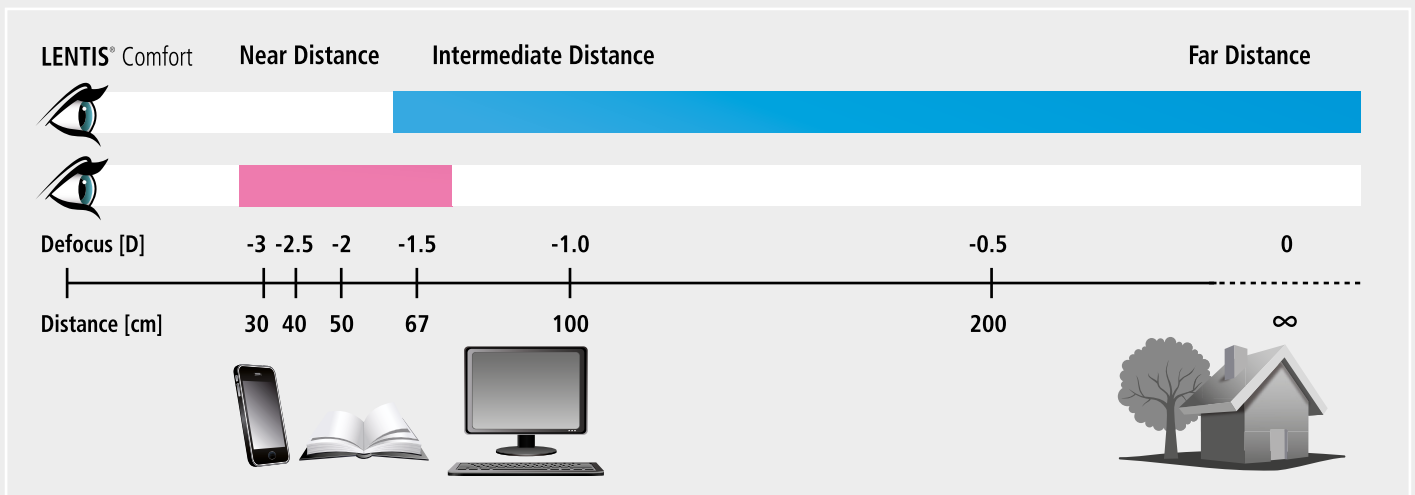
The result: The Comfort-eye covers the distance and intermediate ranges at minimal dysphotopsia excellently, in addition the Mplus^X - eye complements the distance and the intermediate vision with a very good near vision.

Furthermore, Dr. Breyer spoke about more customized (in regard of the patient's benefits and wishes) application variants using the LENTIS® Comfort intraocular lens:

Comfort Blended Vision

- Both eyes get a LENTIS® Comfort IOL
- One eye covers distance vision and the intermediate range (target refraction emmetropia)
- The other eye covers the intermediate and the extended near range (target refraction -1.5D)

Result: Benefits of Comfort lens - minimal dysphotopsia - supplemented by an extension of the functioning near vision



Comfort Office Vision

- Both eyes get a LENTIS® Comfort IOL
- Both eyes focus on intermediate and extended near range (target refraction -1.5D)

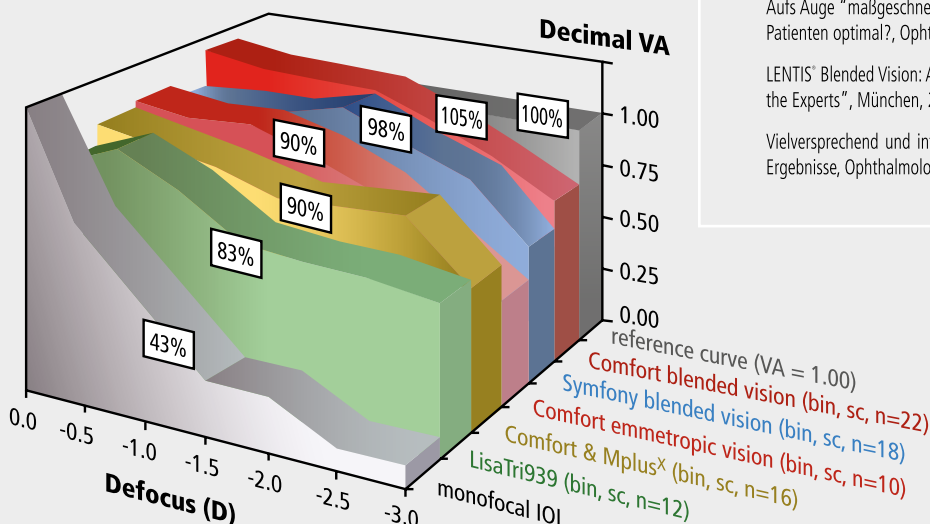
Result: Perfect for computer distance and office work, glasses for distance needed

Comfort Sports Vision (Emmetropic Vision)

- Both eyes get a LENTIS® Comfort IOL
- Target refraction on both eyes emmetropia

Result: Both eyes more independent from glasses for intermediate and distance ranges, „normal Comfort case“: glasses for near may be needed

Reference curve: VA = 1.00 or 20/20



Source: Dr. Detlev R.H. Breyer

Aufs Auge "maßgeschneidert" – Individualisierte Linsenchirurgie – Wie versorge ich meine Patienten optimal?, Ophthalmologische Nachrichten, Refraktive Chirurgie/Special, 05/2015

LENTIS® Blended Vision: A Mind Blowing & Game Changing Presentation, Workshop "Meet the Experts", München, 25. April. 2015

Vielversprechend und interessant - moderne Multifokallinsen (MIOL) im Vergleich - erste Ergebnisse, Ophthalmologische Nachrichten, Kongressausgabe 1, 09/2014

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