

ENHANCED MONOFOCAL: MORE THAN DISTANCE VISION



LENTIS[®] QUANTUM

The better standard IOL
for all cataract patients

LENTIS® QUANTUM

A quantum leap
for standard monofocal cataract surgery

The latest innovation in the LENTIS® IOL family

Optics designed for excellent visual acuity results

Proven plate haptics: Insensitive to decentring and tilting

Aberration-neutral optical properties: Reliable refraction results, no undesirable side effects

Q-Zone optics for more vision in the intermediate area

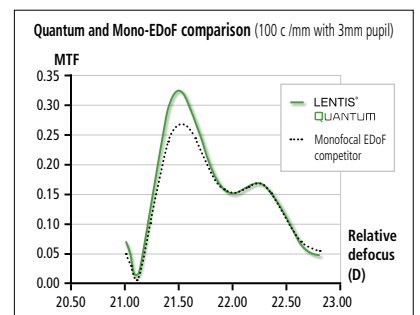
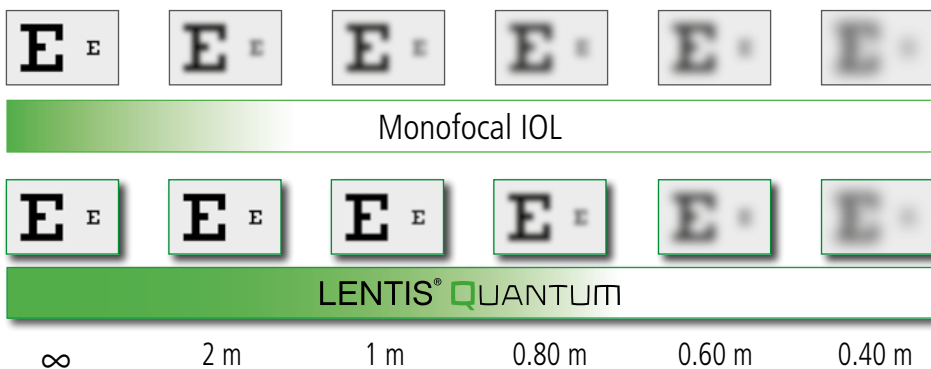
Clinical results



Prof. Jorge Alio [MD]
EDoF is not just EDoF.
It is important to look carefully and differentiate

Source: Ophthalmology Times Europe, Oct.2020

Enhanced-Monofocal – 1 focus area, better depth of vision



Source: data on file

LENTIS® QUANTUM

Clinical results

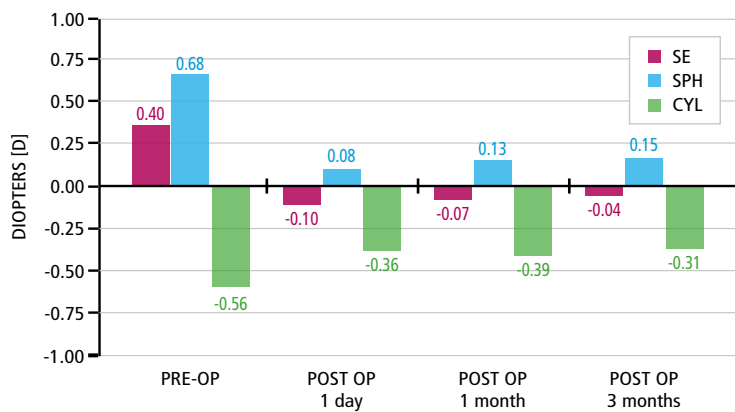


Harvey Uy [MD]

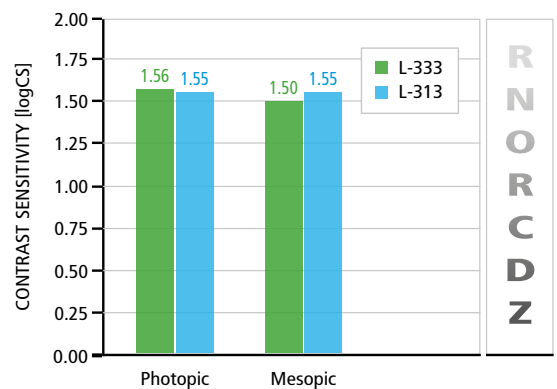
Results of the light study:

- Distance vision UDVA 20/20
- Intermediate vision UIVA 20/25 (80 cm)
- Contrast vision comparable to monofocal IOL
- High patient satisfaction

LENTIS® Quantum L-333 - Subjective Refraction



LENTIS® Quantum L-333 vs. LENTIS® L-313
Rabin contrast sensitivity 1 month post op



Source: data on file

The entry to refractive cataract surgery

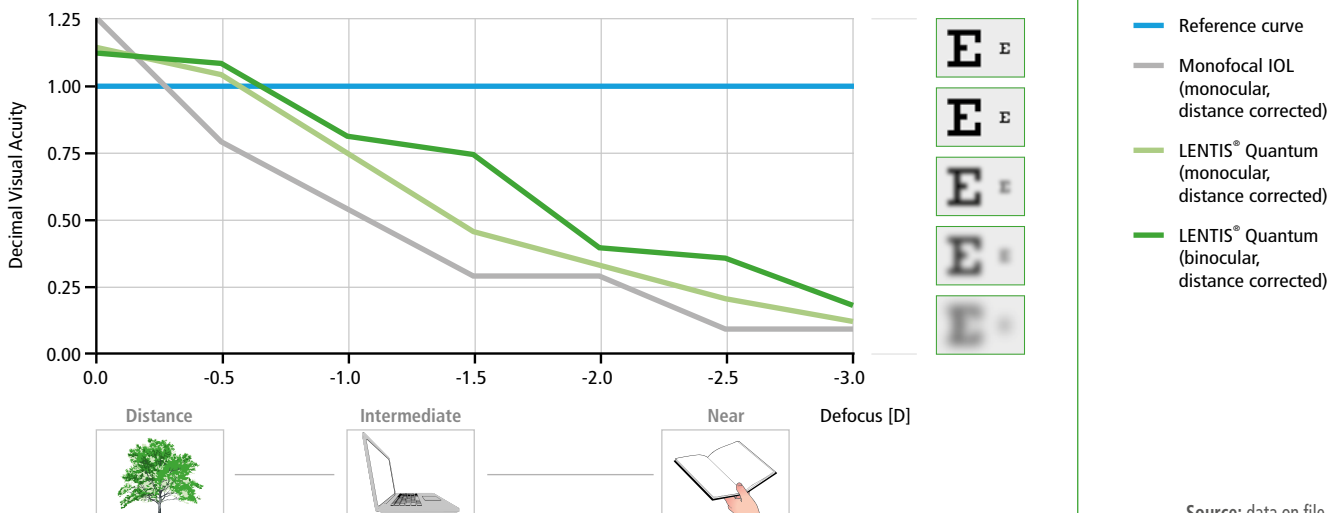


Detlev Breyer [MD]

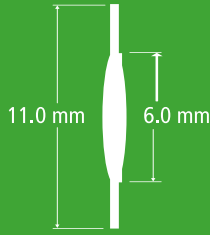
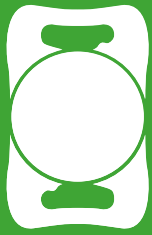
Results of the light study:

- Distance vision UDVA 20/20
- Better intermediate vision UIVA compared to monofocal IOL

LENTIS® Quantum L-333 vs Monofocal IOL



Source: data on file



LENTIS[®] QUANTUM

One-piece monofocal posterior chamber lens
with modified aspherical surface for capsular bag fixation

Product	LENTIS [®] QUANTUM L-333	enhanced-monofocal	aspherical
Type	Foldable one-piece monofocal IOL for capsular bag fixation		
Optic Size Overall Length	6.0 mm 11.0 mm		
Haptic Angulation	0°		
Optic Design	Biconvex Modified aspherical optic - posterior		
IOL Design	Plate haptic Optic and haptics with square edges, posterior 360° continuous barrier effect		
Material	HydroSmart [®] - a copolymer, consisting of hydrophilic acrylates with hydrophobic surface UV absorbing		
Available Diopters	SE +10.0D to +30.0D (0.5D)		
Refractive Index	1.46		
A constant (nominal)	118.0		
Sterilisation	Steam sterilisation		
Storage	Supplied in sterile water		
Recommended Incision Size	≥ 1.8 mm		
Recommended Injector-Sets [disposable]	Check compatibility of IOL with injector matrix provided at https://lentis-eifu.com		

Source: IOLcon.org

Please note that neither Teleon nor IOLcon can be held responsible for correctly specifying the optimized A constants for the Zeiss IOLMaster. The specified constants are therefore to be seen as a guide value and starting point for calculating the IOL refractive power

Advantages of the LENTIS[®] QUANTUM for more vision:

- High patient satisfaction - more vision in the intermediate area
- Best contrast vision comparable with a monofocal IOL
- No undesirable side effects
- Stable refraction results - insensitive to decentring and tilt due to haptic design

MANUFACTURER:

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