

ENHANCED MONOFOCAL: MORE THAN DISTANCE VISION



LENTIS<sup>®</sup> QUANTUM

The better standard IOL  
for all cataract patients

# LENTIS<sup>®</sup> QUANTUM

A quantum leap  
for standard monofocal cataract surgery

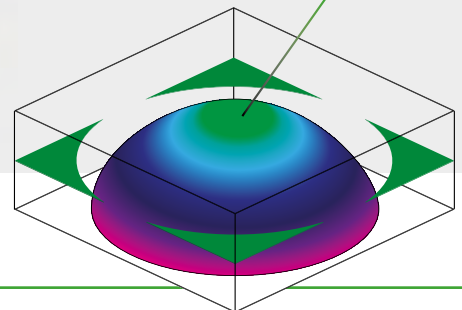
The latest innovation in the LENTIS<sup>®</sup> IOL family

**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

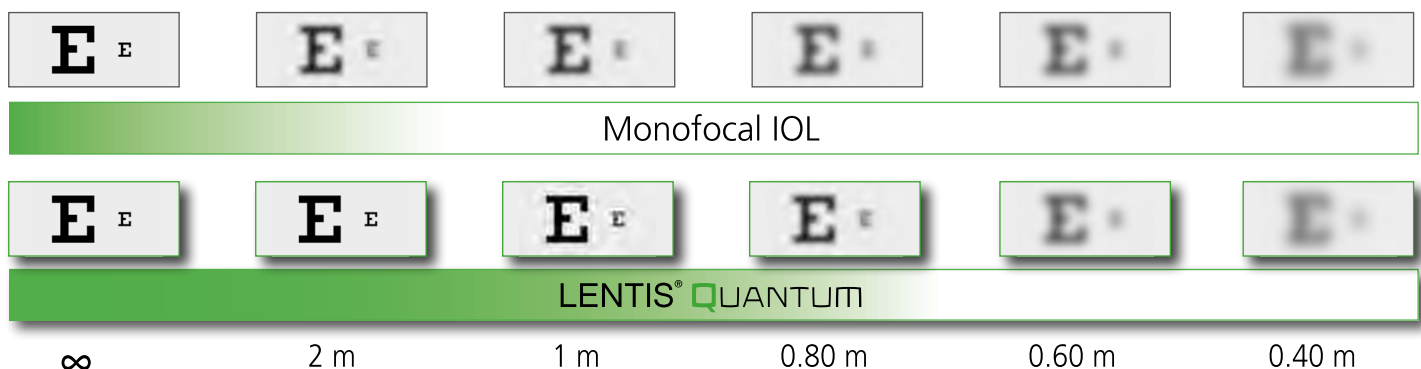


**Prof. Jorge Alio [MD]**

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



focus area

# LENTIS® QUANTUM

## Clinical results

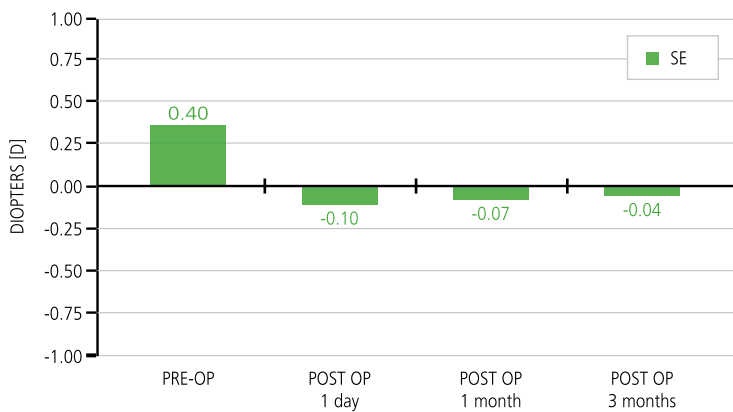


### Harvey Uy [MD]

Results of the light study:

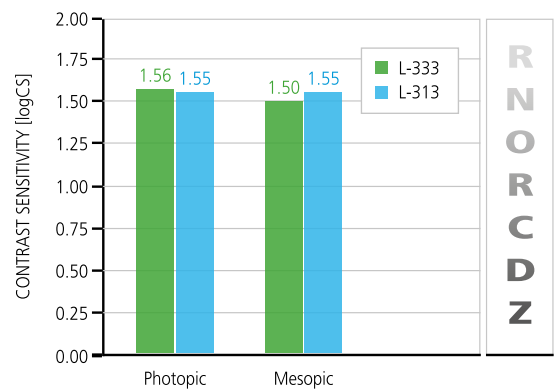
- Distance vision UDVA 20/20
- Intermediate vision UIVA 20/25 (80 cm)
- Contrast vision comparable to monofocal IOL
- High patient satisfaction

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

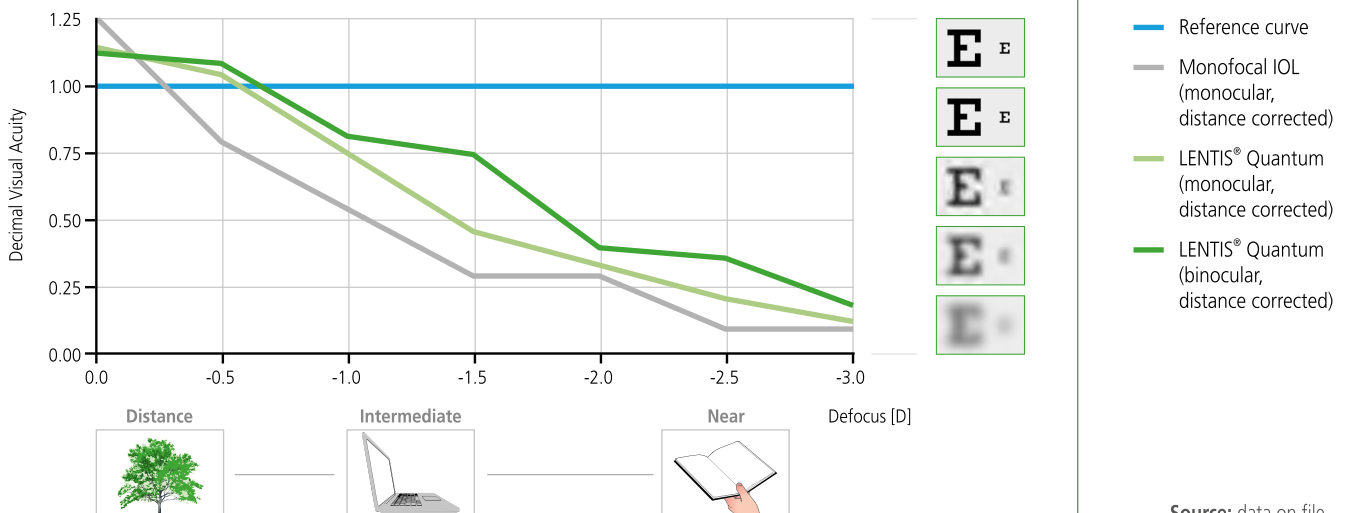


### Detlev Breyer [MD]

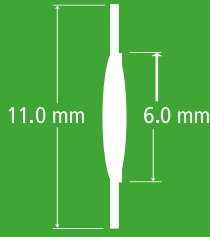
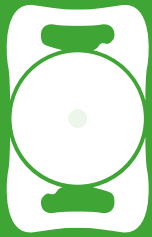
Results of the light study:

- 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<sup>®</sup> QUANTUM

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

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

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<sup>®</sup> QUANTUM for more vision:

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

### MANUFACTURER:



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