

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

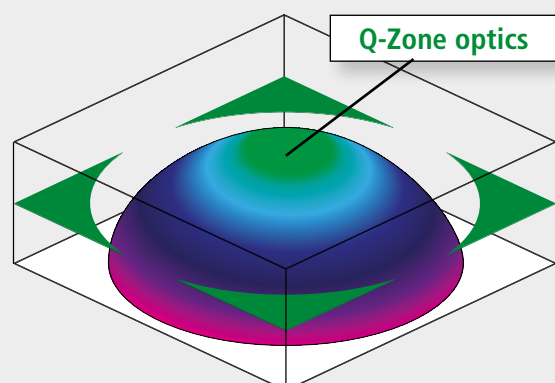
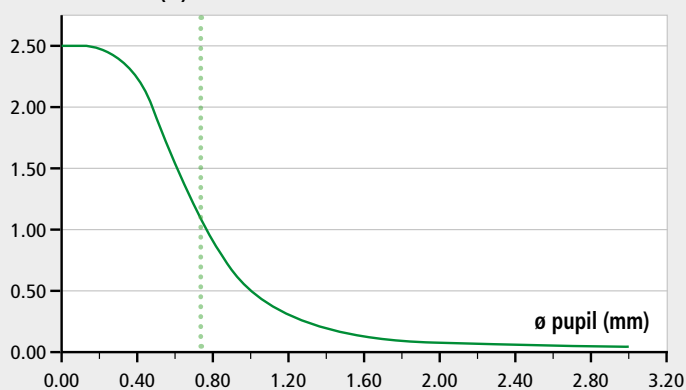
Q-Zone optics
for more vision in the intermediate area



Q-Zone technology

- New, progressive surface profile
- Smooth, stepless transition without any undesirable visual side effects
- Vital for better eyesight compared to monofocal with more depth of vision

Near addition (D)



LENTIS® QUANTUM

Clinical results



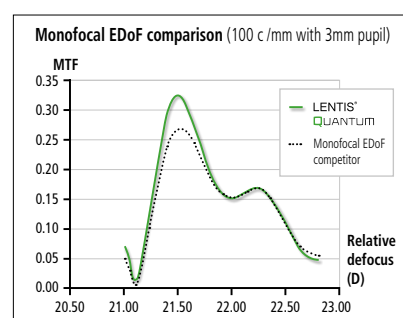
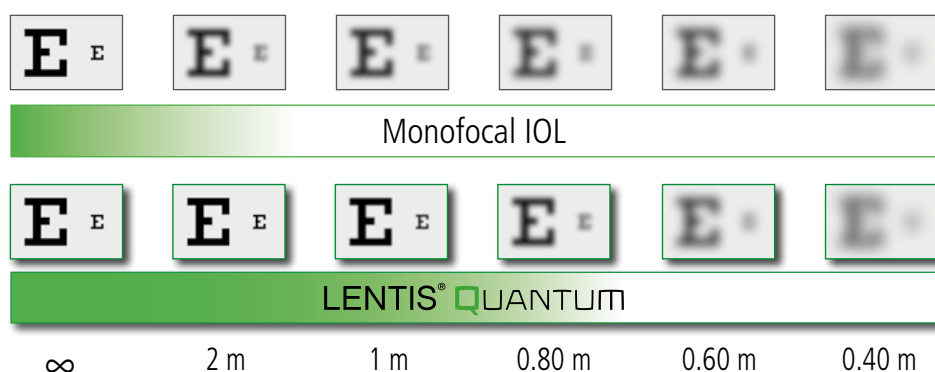
Prof. Jorge Alio [MD]

EDoF is not just EDoF.

It is important to look carefully and differentiate

Source: Ophthalmology Times Europe, Oct.2020

Monofocal-EDoF IOLs – 1 focus area, better depth of vision



Source: data on file

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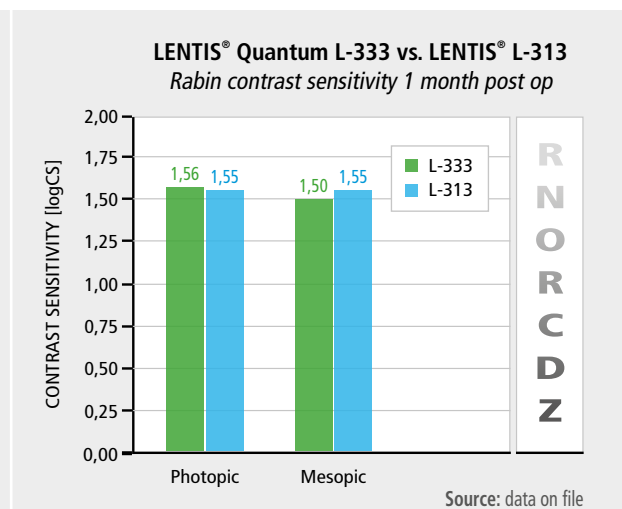
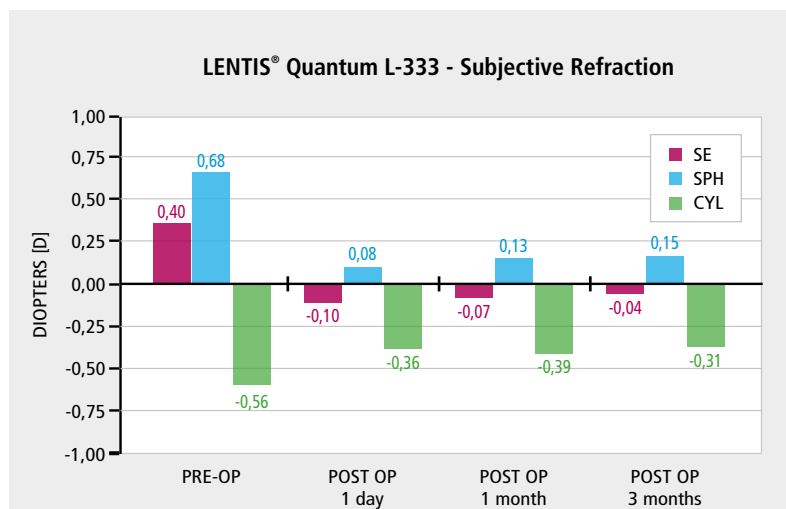
The entry to refractive cataract surgery

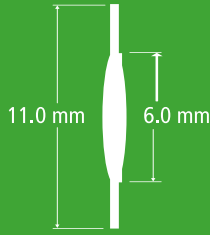
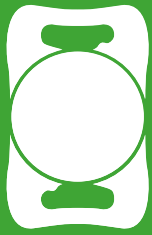


Harvey Uy [MD]

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

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

Product	LENTIS [®] QUANTUM L-333	Mono-EDoF	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:



Teleon Surgical B.V.

Van Rensselaerweg 4 b
6956AV Spankeren, The Netherlands

✉ info@teleon-surgical.com  www.teleon-surgical.com