



TAKE CONTROL BY PAIRING
**VIVINEX™ GEMETRIC™ &
VIVINEX™ GEMETRIC™ PLUS**



Introducing our trifocal family of IOLs
designed to advance patients' vision



Would it surprise you to learn that people are spending more than 40% of their time on 'near' tasks?¹

To achieve spectacle independence, people need high quality vision from far to very near.

HOW DOES PAIRING WORK?



RANGE OF VISION



FAR

INTERMEDIATE



NEAR



Pairing provides a continuous, broad range of vision

Binocular Defocus by Study Group²

Vivinex™ Gemetric™
Vivinex™ Gemetric™
[n=36]

Vivinex™ Gemetric™ Plus
Vivinex™ Gemetric™ Plus
[n=52]

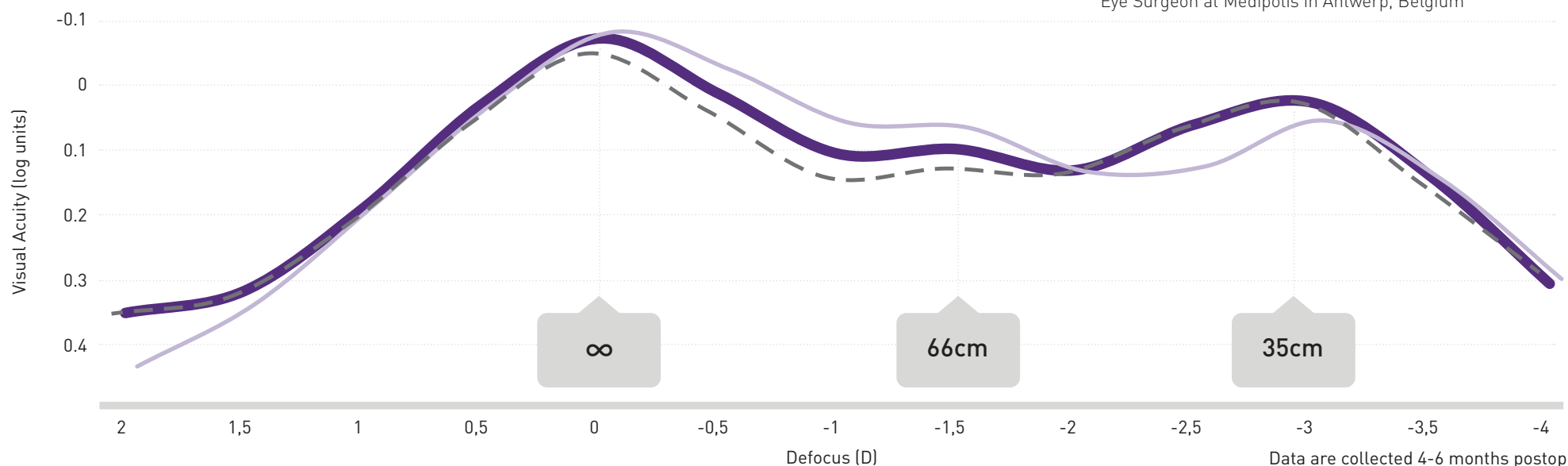
Paired Approach

Vivinex™ Gemetric™
Vivinex™ Gemetric™ Plus
[n=36]



“The balance between the Vivinex™ Gemetric™ and the Vivinex™ Gemetric™ Plus gives a very smooth transition from far to intermediate to near vision.”

Erik L. Mertens, MD, FEBO, FWCRS
Physician CEO, Medical Director and
Eye Surgeon at Medipolis in Antwerp, Belgium



Pairing Vivinex™ Gemetric™
& Vivinex™ Gemetric™ Plus

Pairing light distributions
not add powers for
continuous vision from far
through near

EXCELLENT → VERY GOOD → EXCELLENT

FAR



INTERMEDIATE

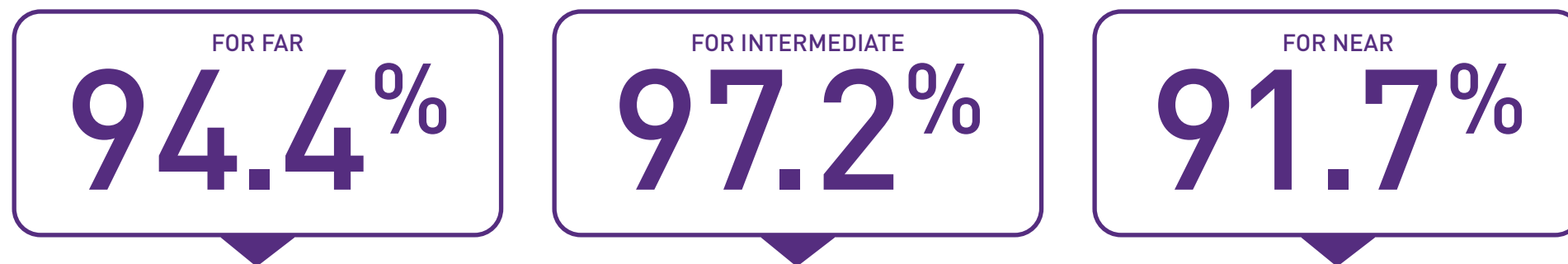


NEAR



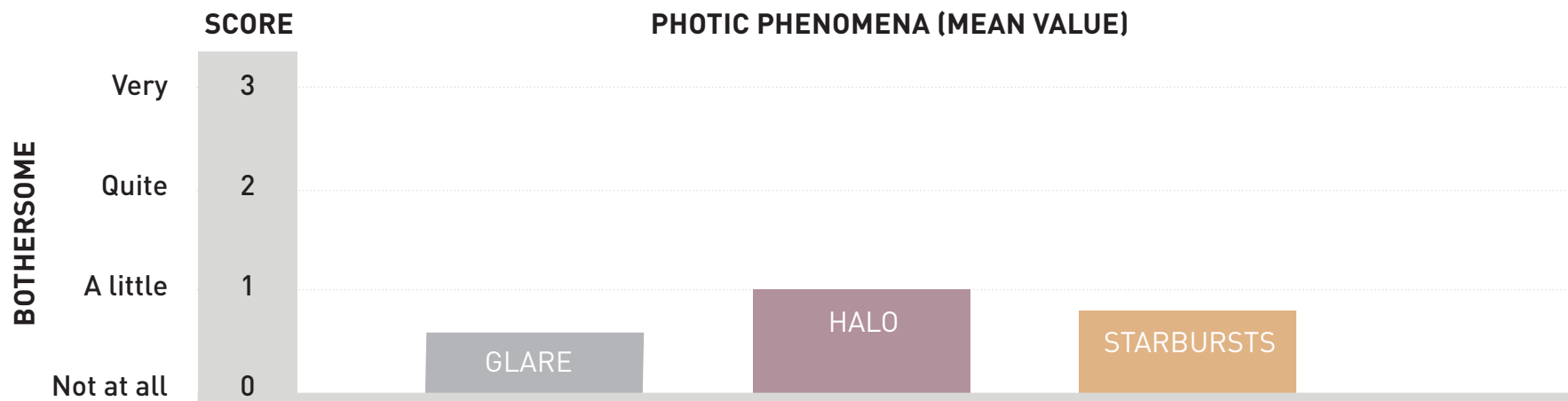
Patient reported outcomes

High self-reported spectacle independence and patient satisfaction when pairing Vivinex™ Gemetric™ and Vivinex™ Gemetric™ Plus 6 months after surgery (n=36)²



Over 90% of patients reported being spectacle independent at each distance.

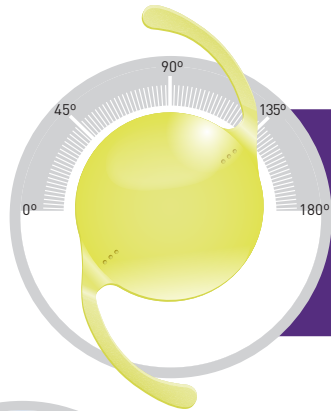
The mean photic phenomena score was between “a little bothersome” and “not at all bothersome” across all Vivinex Gemetric study groups (n=125)²



Data are collected 4-6 months postop by using the McAlinden Quality of Vision (QoV) Questionnaire

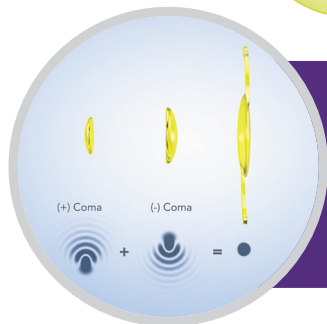
Built on the Vivinex™ platform

All Vivinex™ IOLs offer



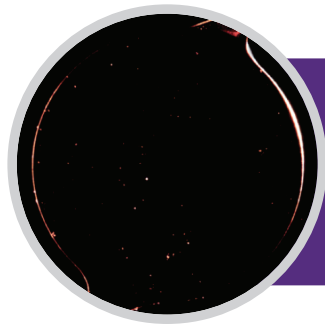
Outstanding rotational stability

Clinically proven rotational stability. More than 96% of implanted lenses rotated $\leq 5^\circ$ including eyes with high axial lengths.^{4,5,6}



Improved image quality

Incorporates the Vivinex proprietary aspheric optic design which partially compensates for corneal spherical aberration and is more tolerant to sources of coma than standard aspheric designs.^{7,8,9}



IOL material and design

Glistening-free IOL material¹⁰, Grade 0 based on Miyata et al.¹¹ with 11.6 ± 5.7 MV/mm²

Active oxygen processing treatment, a smooth surface and square optic edge to reduce PCO.^{12,13,14,15,16,17,18,19}

Diffractive zone in the central 3.2 mm

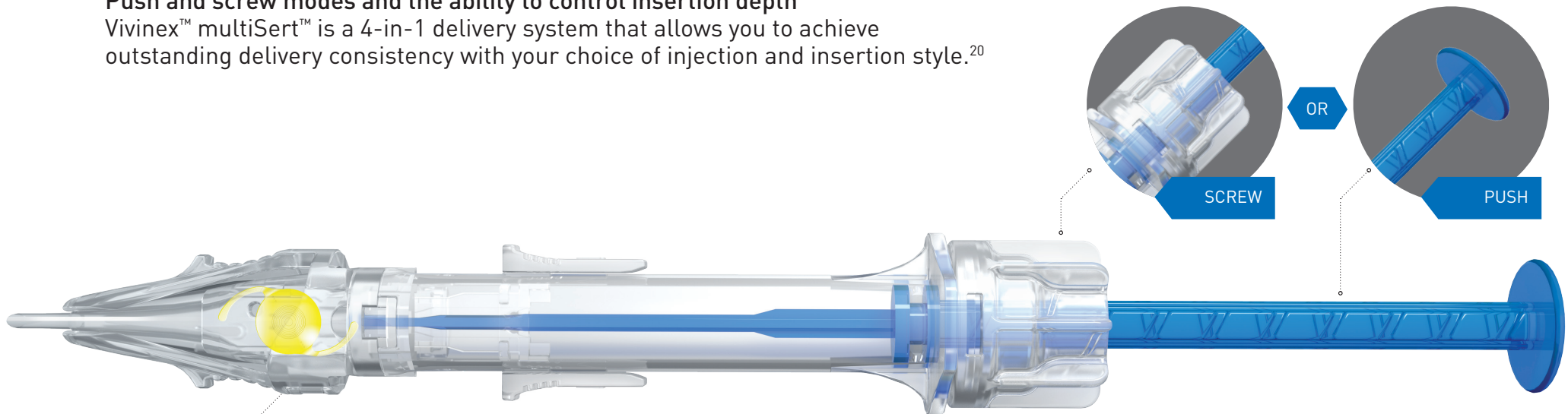


Textured-rough haptic surface designed to reduce potential for adhesion to the optic surface during delivery, and provides better grip inside the capsular bag.

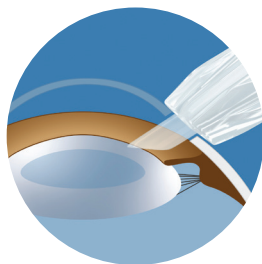
Delivered in the preloaded multiSert™ injector

Push and screw modes and the ability to control insertion depth

Vivinex™ multiSert™ is a 4-in-1 delivery system that allows you to achieve outstanding delivery consistency with your choice of injection and insertion style.²⁰



Delivery into capsular bag
insert shield:
Default position



Delivery through incision wound tunnel
insert shield:
Advanced position



“

The Vivinex™ Gemetric™ and the multiSert™ injector are a perfect combination. The product combines an excellent optic with an excellent material and an excellent IOL delivery device.²¹

Ramin Khoramnia, Head of the Cataract and Refractive Surgery Department at the University Eye Hospital Heidelberg, Germany.

”

CLEARlog – Power in the palm of your hand



CLEARlog is an intuitive Record-Analyze-Optimize app for cataract and refractive lens exchange.

CLEARlog allows you to:

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- ✓ Conduct complex analyses easily
- ✓ Generate reports with just one click



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HOYA Toric Calculator

- ✓ The HOYA Toric Calculator can take account of posterior corneal astigmatism in the calculation by giving the option to apply the Abulafia-Koch Regression formula.
- ✓ The Abulafia-Koch Regression, applied to a clinical patient cohort, has been shown to improve predictability of TIOL refractive outcomes.²²



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Masters

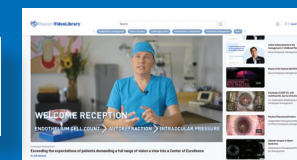
Educational ecosystem

- ✓ We believe that education is the key to unlocking potential. So we've created "Masters," an educational ecosystem designed to support your lifelong learning journey
- ✓ The Masters programs and resources offer high-quality content, courses, trainings, and events to meet ophthalmic surgeons' evolving needs



A rich and searchable collection of ophthalmic surgical videos

Masters VideoLibrary



LEARN
SEARCH
GROW

Visualize surgical steps and techniques through videos of real procedures

Tailor your search to meet your skill level and time pressure

Access to masters in cataract and refractive surgery

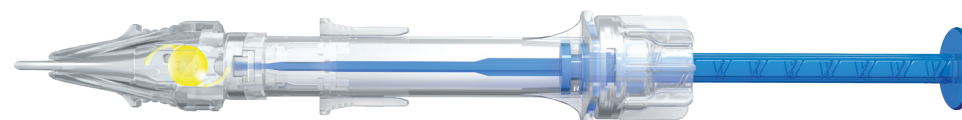


Register for free

Specifications

	Vivinex™ Gemetric™	Vivinex™ Gemetric™ Toric		Vivinex™ Gemetric™ Plus	Vivinex™ Gemetric™ Plus Toric	Model XY1-GT, XY1-GPT	Cylinder power at IOL plane	Cylinder power at corneal plane ²⁴
Designed to provide excellent distance vision and well balanced intermediate and near vision ²³			Designed to provide excellent near vision and well balanced distance and intermediate vision ²³					
Model name	XY1-G	XY1-GT	Model name	XY1-GP	XY1-GPT	T2	1.00 D	0.69 D
IOL power (Spherical equivalent)	+10.00 D to +30.00 D in increments of 0.50 D		IOL power (Spherical equivalent)	+10.00 D to +30.00 D in increments of 0.50 D		T3	1.50 D	1.04 D
Cylinder power at IOL plane		1.00 D 1.50 D to 3.75 D in 0.75 D increments	Cylinder power at IOL plane		1.00 D 1.50 D to 3.75 D in 0.75 D increments	T4	2.25 D	1.56 D
			T5			3.00 D	2.08 D	
Add power at IOL plane	Intermediate: +1.75 D Near: +3.50 D		Add power at IOL plane	Intermediate: +1.75 D Near: +3.50 D		T6	3.75 D	2.60 D
Nominal A-constant*	119.0		Nominal A-constant*	119.0				
Injector	multiSert™ preloaded		Injector	multiSert™ preloaded				
Front injector tip outer diameter	1.70 mm		Front injector tip outer diameter	1.70 mm				
Recommended incision size	2.20 mm		Recommended incision size	2.20 mm		SCAN HERE TO VIEW PRODUCT INFORMATION		

Delivered by the **multiSert™** preloaded injector



0123 2024-08-16_HSOE_XY1-G_XY1-GP_XY1-GT_XY1-GPT_BR_EN

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