

enVista®
hydrophobic acrylic IOL

Enhanced formulation
for faster unfolding.
Glistening-free intraocular lens.



**The preloaded monofocal IOL
that listened to your needs
and gives a + to your patients**

More than 3 million eyes already enjoying
the enVista® experience worldwide¹

1. enVista® and Enhanced enVista® shipments extract 2013-Q1 2020



CATARACT



LASER



RETINA

BAUSCH + LOMB
See better. Live better.

Enhanced enVista[®] Specifications

One-Piece Hydrophobic Acrylic IOL

Preloaded SKU: MXPLCxxxx
Non preloaded SKU: MXExxxx

Trusight[™] optic: glistening-free

The single-piece hydrophobic acrylic IOL glistening-free^{1,2}

StableFlex[™] technology: controlled unfolding³

Formulation updated for faster unfolding.

The Enhanced enVista[®] IOL material is made of the same polymers as its precursor, but their proportions have been modified to decrease the glass transition temperature (T_g) from 23°C to 15°C.

Advanced Optics (AO) technology: aberration-free aspheric optic design

enVista[®]'s Advanced Optics (AO) technology has been designed to not induce any positive or negative spherical aberration.

- Neutral to the cornea
- Less sensitive to decentration⁴
- Preserves some degree of depth of field⁵
- Aspheric anterior and posterior surfaces

AccuSet[™] haptics: designed for predictability and stable centration^{1,2,6}

- Fenestrated haptics designed to prevent transference of stress from the haptic to the optic
- Haptics designed to maximize the contact angle against the capsular bag

SureEdge[™] design: continuous 360° posterior square edge to prevent PCO^{*7}

enVista[®]
hydrophobic acrylic IOL

DIOPTER RANGE

From 0.00 D to +10.00 D (1.00 D steps)

From +10.00 D to +30.00 D (0.50 D steps)

From +30.00 D to +34.00 D (1.00 D steps)

DELIVERY SYSTEM

PRELOADED

BAUSCH + LOMB SimpliitEYE[™] delivery system

Recommended incision size ≥ 2.2 mm

NON PRELOADED

Reusable injector BLIS-R1 with Single use cartridge BLIS-X1 (10 Units/box)

Single use injector INJ100 (10 Units/box)

Recommended incision size ≥ 2.2 mm

CONSTANTS*

OPTICAL CONSTANT

SRK/T Constant A: 119.1

ACD: 5.61

Surgeon factor: 1.85

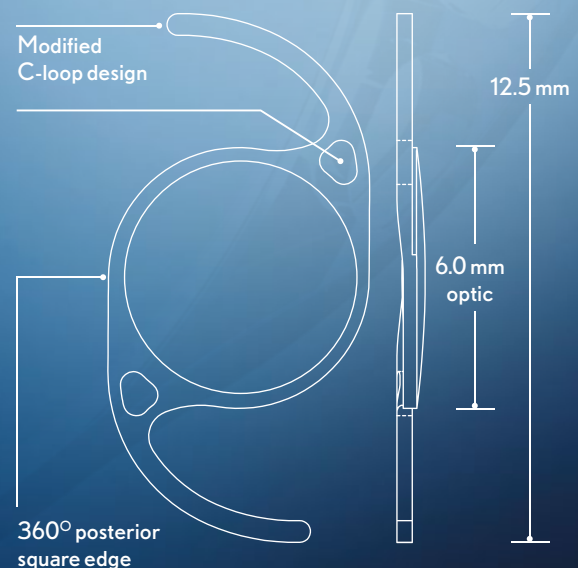
Haigis: a_0 : 1.46 / a_1 : 0.40 / a_2 : 0.10

ULTRASONIC CONSTANT

Constant A: 118.7

ACD: 5.37

Surgeon factor: 1.62



*Constants are estimates only. It is recommended that each surgeon develops their own values. Last update: August 2016

1. M. Packer, L. Fry, K. Lavery, R. Lehmann, 'Safety and effectiveness of a glistening-free single-piece hydrophobic acrylic intraocular lens (enVista[®])'. Clin Ophthalmol. 2013;7:1905-1912. 2. P. Heiner et al. 'Safety and effectiveness of a single-piece hydrophobic acrylic intraocular lens' (enVista[®]) - results of a European and Asian-Pacific study. Clinical Ophthalmology 2014;8 629-635. 3. R&D report ENG16-067S_08082016. 4. G. Altmann, et al., 'Optical performance of 3 intraocular lens designs in the presence of decentration'. J Cataract Refract Surg. 2005 Mar; 31:574-85. 5. B. Johansson, S. Sundelin et al., 'Visual and optical performance of the Akreos Adapt Advanced Optics and Tecnis Z9000 intraocular lenses: Swedish multicenter study', Journal of Cataract & Refractive Surgery. 2007 September; Vol. 33. 6. Garzon et al., 'Evaluation of Visual Outcomes After Implantation of Monofocal and Multifocal Toric Intraocular Lenses'. J Refract Surg. 2015;31(2):90-97. 7. Ton Van C., Tran T.H.C: Incidence of posterior capsular opacification requiring Nd:YAG capsulotomy after cataract surgery and implantation of envista[®]MX60 IOL. Journal francais d'ophtalmologie (2018) 41: 899-903

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