

**Vivinex™**

MODEL **XC1** | MODEL **XY1**

# Vivinex™ iSert®

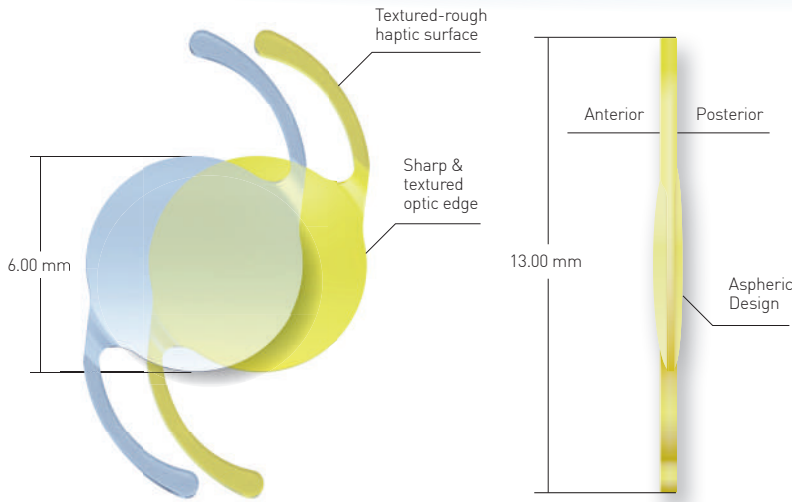
UNPRECEDENTED CLARITY OF VISION



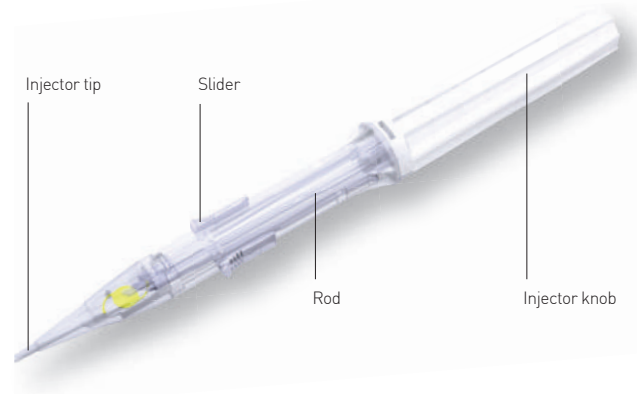
- Glistening-free **hydrophobic acrylic IOL material**<sup>1,3</sup>
- Proprietary **aspheric optic design** for improved image quality<sup>2</sup>
- **Active oxygen processing treatment** and **sharp optic edge** to reduce **PCO**<sup>3</sup>
- **Vivinex™** IOL preloaded in the proven **Vivinex™ iSert®** injector system

Vivinex™

MODEL XC1 | MODEL XY1



Vivinex™ iSert®

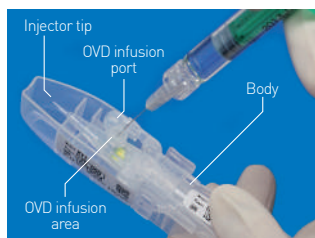


Vivinex™ iSert®				
Model Name	XC1   XY1			
Optic Design	Aspheric Design with sharp textured optic edge			
Optic & Haptic Materials	Hydrophobic acrylic Vivinex™ with UV-filter (Model XC1) with UV- and blue light filter (Model XY1)			
Haptical Design	Textured-rough haptic surface			
Dimensions (Optic/OAL)	6.00 mm / 13.00 mm			
Power	+6.00 to +30.00 dpt. (in 0.50 D increments)			
Nominal A-Constant*	118.9			
Optimized Constants**	Haigis	a0 = -0.278	a1 = 0.215	a2 = 0.201
	Hoffer Q	pACD = 5.71		
	Holladay 1	sf = 1.94		
	SRK/T	A = 119.2		
Front injector tip outer diameter	1.70 mm			
Injector	Vivinex™ iSert® preloaded			

- 1 Glistening-free per Miyata scale; study result of the David J Apple International Laboratory for Ocular Pathology, University Hospital Heidelberg. Report on file.
- 2 Pérez-Merino P, Marcos S. Effect of intraocular lens decentration on image quality tested in a custom model eye. J Cataract Refract Surg. 2018;44(7):889-896.
- 3 Data on File of Study PHIV-101-SP2: Clinical Evaluation of the HOYA Vivinex IOL (2018).

\* The mentioned A-Constant is presented as a guideline only for lens power calculations. It is recommended that the A-Constant measurement be customized based on the surgeon's experience and measuring equipment.  
 \*\*Source: <https://iolcon.org> Calculated from 911 patient data as of August 17, 2018.

The handling shown below illustrates in summary the product application and does not replace the Instruction For Use.



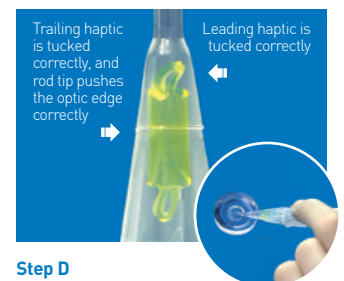
**Step A**  
 Infuse the OVD into the injector through the infusion port. Fill up the area indicated by dotted lines.



**Step B**  
 Press the release tabs, lift up and remove the cover from the case.



**Step C**  
 Hold body with thumb and push the slider slowly forward until it stops. Remove the injector from the case.



**Step D**  
 Carefully insert the injector tip into the eye through the incision, keeping the slit of the tip in a downward position. Slowly rotate the injector knob clockwise, to inject the lens into the capsular bag.

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