IPURE

ASPHERIC
MONOFOCAL OPTIC

Cataract Surgery Streamlined

High contrast and high quality[1] vision.
Seamless, predictable, and efficient preloaded IOL delivery.[2]

bvimedical.com

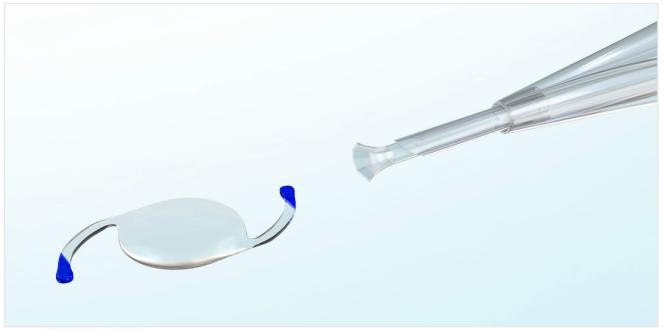
Seamless. Predictable. Efficient.[3]

Seamless preparation. Smooth implantation.
IPure is the first and only preloaded monofocal IOL available in both a 1-piece and 3-piece design.

Enhanced predictability
You can feel confident in IPure's proven predictability.[3]

In a study of 600 IOL release bench tests[4]

100% **normal lens releasing behavior was seen with IPure**

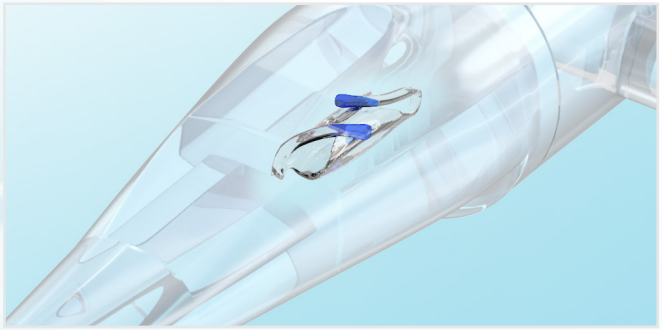


In a human trial comparing pre-loaded and non-preloaded IOL delivery systems[3]

0% of **IPure** cases required additional IOL manipulations in the eye

VS

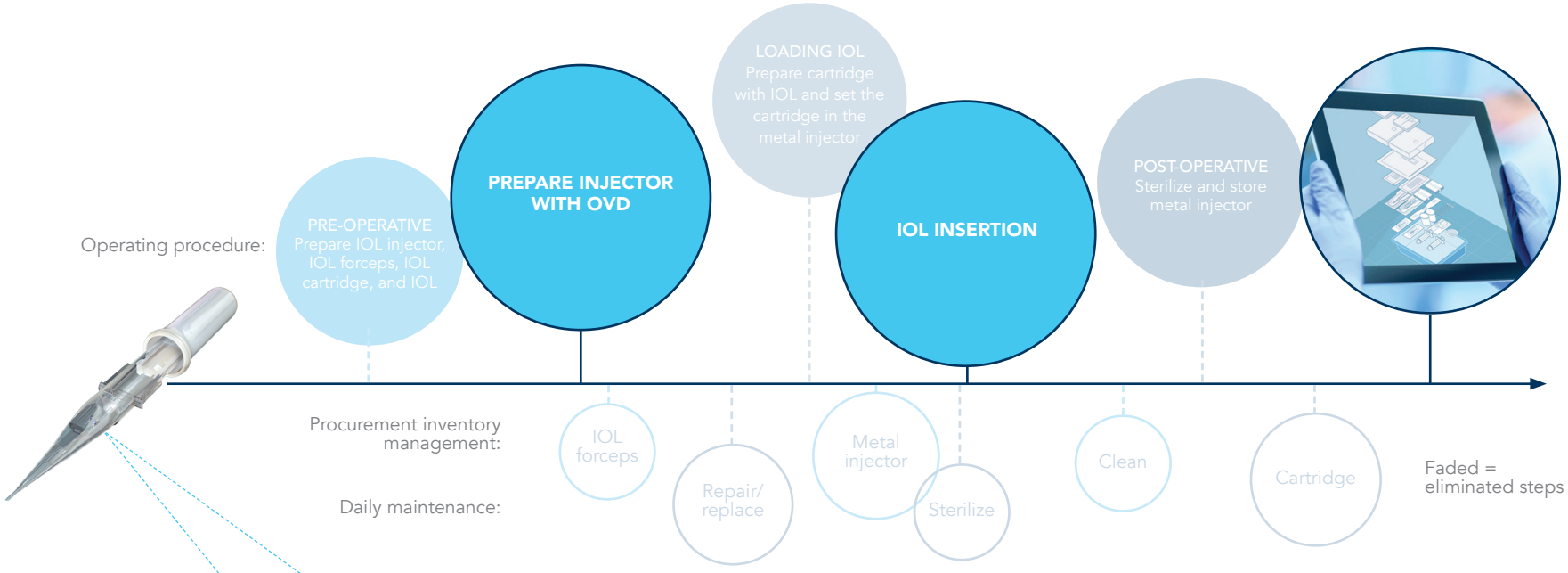
up to 32% of cases with manually loaded IOL delivery systems

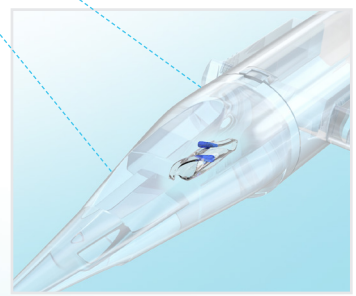


Enhanced workflow efficiency and productivity

Streamline your operating procedure

Save valuable time in the OR by eliminating time-consuming steps before, during, and after surgery.[3]





Relieve your staff from time-consuming duties

IPure is a preloaded IOL delivery system that allows your staff to focus more time on patient care.

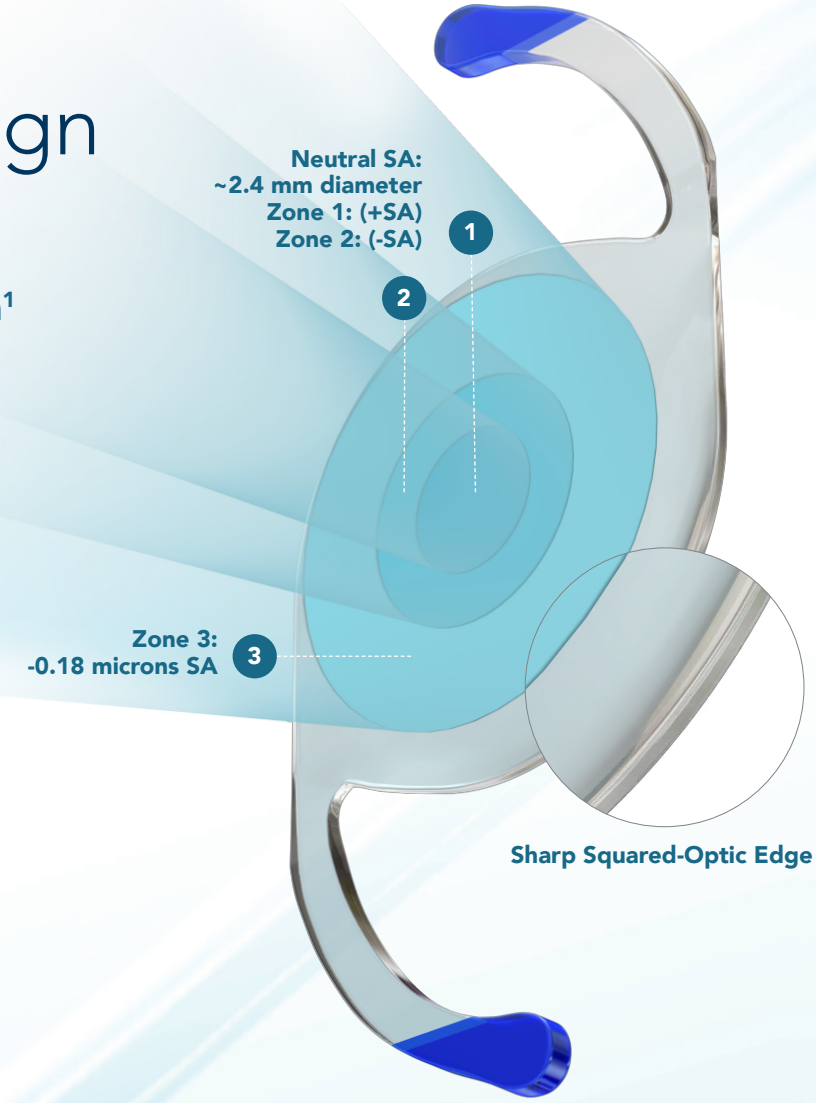
CCC, continuous curvilinear capsulorhexis; IOL, intraocular lens; OVD, ophthalmic viscosurgical device; PEA, phacoemulsification and aspiration.

Trusted high quality design

Uniquely patented Three-Zone aspheric optic design[1]

Neutral spherical aberration in the ~2.4 mm central optic zone (zones 1 and 2) and -0.18 microns spherical aberration in the peripheral optic zone.

- High contrast in various lighting conditions
- Maintains natural corneal depth of focus
- Less sensitive to natural off-axis conditions, lens decentration, and corneal aberration



IPure's meticulous lens manufacturing process

IPure's individually lathe cut and pad polished lenses deliver:

- Smooth and even optic surface designed to reduce light scattering on lens surface[5]
- Sharp optic edge designed to reduce posterior capsule opacification (PCO)
- Blue PMMA chemically bonded haptic tips are highly visible inside the injector for controlled folding behavior
  - Reduced sticking of materials[3]
  - No leading haptic/trailing haptic failure was seen in 201 IOL release bench tests[6]

Controlled Folding Behavior

CustomEyes®

Streamline cataract surgery from surgical prep to IOL implantation with BVI

IPure® enhances the BVI CustomEyes® offering with value in mind

You can now choose IPure for your surgical procedure, and let BVI CustomEyes the right surgical pack for your team.

- Reliable and knowledgeable support
- Transparent pricing
- Simplified surgical prep
- Easy order process

CustomEyes allows you to personalize your surgical packs with high quality surgical consumables from the brands you trust, including Beaver® and Visitec®.

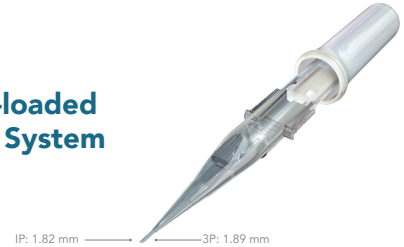
*NuVisc and IPure shipped separately.

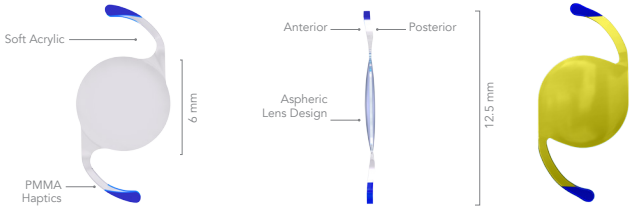
Ask your BVI sales representative about efficiencies in the OR.

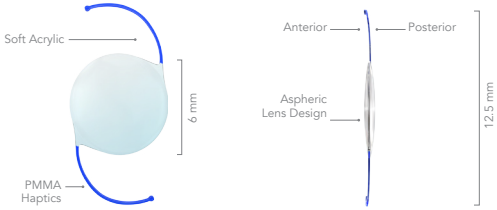
IPure Specifications

Trusted aspheric monofocal IOL in a fully pre-loaded, single-use IOL injector system

Pre-loaded IOL System







Contact Your BVI Sales Representative to Learn More

866-906-8080

	IPURE	IPURE 3P
Model Names	**B1PC (Clear) B1PY (Yellow)**	**B3PC (Clear)**
Optic Material	Hydrophobic Acrylic, UV Filter	Hydrophobic Acrylic, UV Filter
Optic Design	Aspheric -0.18 microns patented lens design	Aspheric -0.18 microns patented lens design
Manufacturing	Lathe-cut and pad polished	Lathe-cut and pad polished
Haptic Material	Hydrophobic acrylic with blue PMMA chemically bonded haptics tips	PMMA
Haptic Configuration	Modified-C loop, 5° angulation	Modified-C loop, 5° angulation
Dimension (Optic/OAL)	6.0 mm/12.5 mm	6.0 mm/12.5 mm
Power	+6.0 to +30.0 D (0.5 D steps)	+6.0 to +30.0 D (0.5 D steps)
A-Constant[7]	118.4	118.4
Injector Type	Single Use Preloaded IOL System	Single Use Fully Preloaded IOL System
Front injector tip outer diameter	**1.82 mm**	**1.89 mm**
Optimized Optical constants	SRK/T (A): 118.5 Holladay 1 (SF): 1.52 Barrett[8] (LF/A): 1.61/118.48 Hill RBF[9] (A): 118.58 Haigis: a0= -0.542, a1= 0.161 a2= 0.204 Hoffer-Q (pACD)= 5.30	SRK/T (A): 118.6 Holladay 1 (SF): 1.54 Hagis a0=-0.093 a1=-0.023 a2:0.208 Hoffer Q(pACD): 5.30

FOR COMPLETE PRODUCT INSTRUCTIONS, PLEASE REFER TO THE BVI IFU OR PRODUCT INSERT

References
1. US Patent NO: US8647383. **2.** Data on file, BVI, 2019. **3.** Chung B, et al. Preloaded and non-preloaded intraocular lens delivery system and characteristics: human and porcine eyes trial. *Int J Ophthalmol.* 2018;11:6-11. **4.** Data on file, HOYA Medical Singapore Pte. Ltd, 2012. **5.** Werner L. Glistening's and surface light scattering in intraocular lenses. *J Cataract Refract Surg.* 2010;36:1398-1420. **6.** Data on file, HOYA Medical Singapore Pte. Ltd, 2015. **7.** The A-Constant mentioned above 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 measure equipment. **8.** Barrett: http://calc.apacrs.org/barrett_universal2105/. **9.** Hill RBF: https://rbfcalculator.com/lens-constants.html

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