

Peace of mind now comes preloaded.



Introducing the
TECNIS iTec Preloaded
IOL Delivery System

TECNIS®
ASPHERIC IOL



with TECNIS iTec Preloaded Delivery System



Monofocal

Indications: The TECNIS® 1-Piece Intraocular Lens (IOL) is indicated for the visual correction of aphakia in adult patients in whom a cataractous lens has been removed by extracapsular cataract extraction. This device is intended to be placed in the capsular bag. See Important Safety Information on the back page.

 **Abbott**
Medical Optics

The **TECNIS iTec** Preloaded Delivery System

A complete solution—for your peace of mind.



PREDICTABILITY

Precise, highly-controlled, screw-style system

EFFICIENCY

Saves time and staff training

SAFETY

No-touch, disposable system helps minimize risk of infection

HIGH-QUALITY VISUAL OUTCOMES

Proven outcomes associated with **TECNIS®** IOLs

Optical Synergy Delivers High-Quality Visual Outcomes



The exclusive combination of advanced optics, materials, and design clearly sets the precision-engineered **TECNIS®** 1-Piece lenses apart.

EXCELLENT VISUAL ACUITY

- Proven optics of the **TECNIS®** IOL platform
- Diamond cryolathing process ensures precision design and excellent outcomes

SHARPER VISION^{1,2} THROUGH OPTICAL SYNERGY

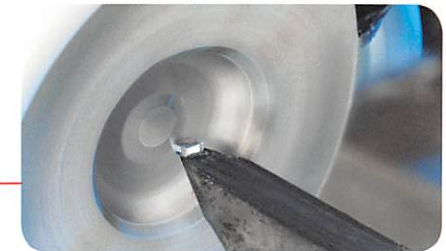
- Proprietary **TECNIS®** IOL hydrophobic acrylic is **not associated with glistenings** (vacuoles or optic imperfections)³
- Wavefront-designed aspheric surface provides **near-zero spherical aberration**^{1,2}
- IOL optic material offers **reduced chromatic aberration**^{4,5}

IMPROVED SCOTOPIC SENSITIVITY⁶

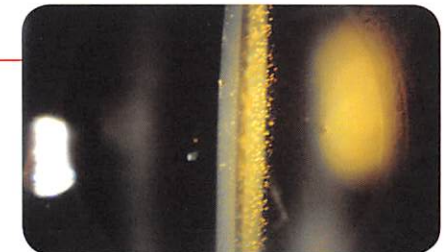
- Clear lens material¹ allows **full transmission of healthy blue light**

REDUCED LEC MIGRATION⁷⁻¹⁰

- Uninterrupted contact at the haptic-optic junction enables **reduced LEC migration**⁷⁻¹⁰



Diamond cryolathing manufacturing process ensures optimum precision and quality



Glistenings in AcrySof® IOL after 18 months

References

1. TECNIS® IOL Foldable Posterior Chamber Intraocular Lenses [package insert]. Santa Ana, Calif.: Abbott Medical Optics Inc. 2. Terwee T, van der Mooren M, Piers P. Optical performance of TECNIS IOLs compared with IOLs that partly compensate for the mean SA of the human cornea. Presented at: Annual Meeting of the American Society of Cataract and Refractive Surgery; April 4-9, 2008; Chicago, Ill. 3. Data on file 150, Abbott Medical Optics Inc. 4. Zhao H, Piers PA, Mainster MA. The additive effects of different optical design elements contributing to contrast loss in pseudophakic eyes implanted with different aspheric IOLs. Presented at: 27th Congress of the European Society of Cataract and Refractive Surgeons; September 4-8, 2008; Barcelona, Spain. 5. Zhao H, Mainster MA. The effect of chromatic dispersion on pseudophakic optical performance. *Br J Ophthalmol*. 2007;91(9):1225-1229. 6. Mainster MA. Violet and blue-light blocking intraocular lenses: photoprotection versus photoreception. *Br J Ophthalmol*. 2006;90:784-792. 7. Nixon DR. New technologies for premium outcomes: next generation phaco and TECNIS® 1-Piece IOL. Presented at: 25th Congress of the European Society of Cataract and Refractive Surgeons; September 8-12, 2007; Stockholm, Sweden. 8. Sacu S, Menapace R, Buehl W, Rainer G, Findl O. Effect of intraocular lens optic edge design and material on fibrotic capsule opacification and capsulorhexis contraction. *J Cataract Refract Surg*. 2004;30:1875-1882. 9. Boyce JF, Bhermi GS, Spalton DJ, El-Osta AR. Mathematical modeling of the forces between an intraocular lens and the capsule. *J Cataract Refract Surg*. 2002;28(10):1853-1859. 10. Peng Q, Visessook N, Apple DJ, et al. Surgical prevention of posterior capsule opacification. Part 3: Intraocular lens optic barrier effect as a second line of defense. *J Cataract Refract Surg*. 2000;26(2):198-213.

Predictable IOL Delivery

The **TECNIS iTec** Preloaded Delivery System is exclusively designed to deliver exceptional predictability in your OR.

PREDICTABILITY

■ PLUNGER MARKINGS

Provide clear guidance to ensure consistent delivery

■ SCREW-STYLE INSERTION MECHANISM

Ensures consistent, controlled advance and delivery of the IOL

■ Preloaded with **TECNIS® 1-Piece IOL**

■ 2.2 mm–2.4 mm incision

■ Screw-style insertion

■ Latex-free

■ VIEWING WINDOW

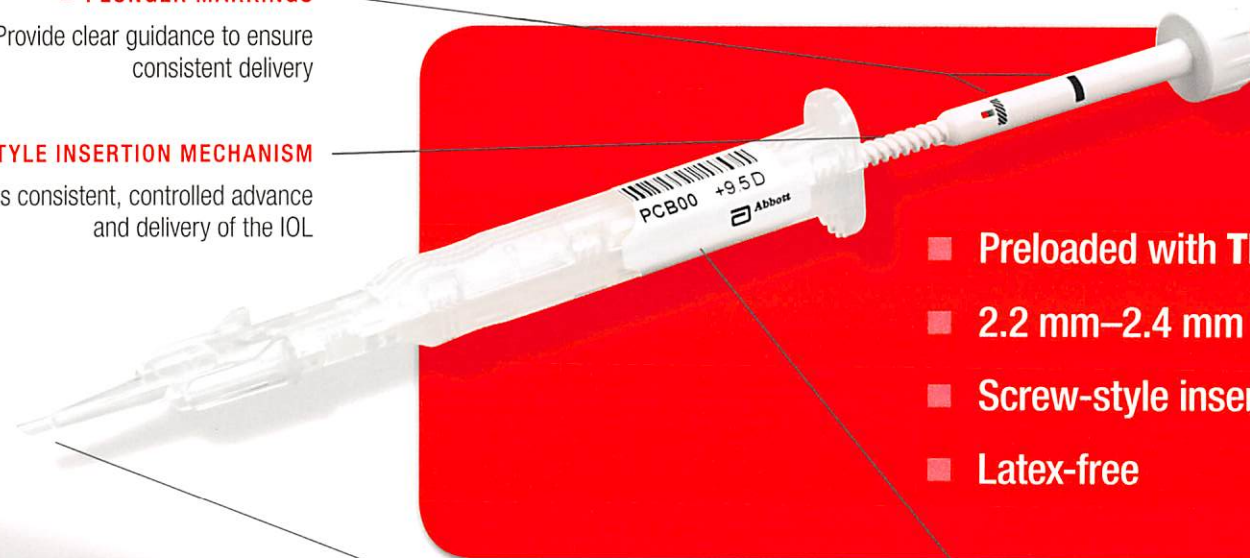
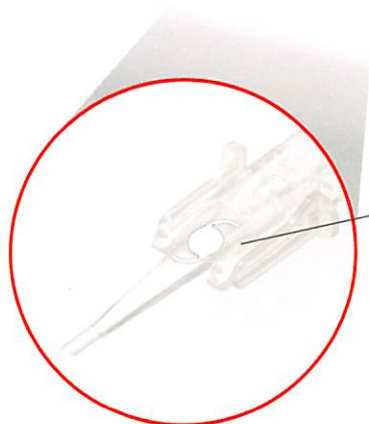
Facilitates visual check of IOL and OVD

■ BEVEL TIP

Enables planar delivery via a 2.2 mm–2.4 mm incision

■ PRODUCT LABELING

Allows verification of lens model and power prior to implantation



Efficiency and Safety in One Complete System

EFFICIENCY

Streamlines IOL delivery, preparation, and management.

■ SAVES TIME ASSOCIATED WITH:

- IOL loading
- Sterilization
- Inventory management

■ SIMPLIFIES STAFF TRAINING



The Efficiency Calculator demonstrates potential time and cost savings for your practice. Contact your AMO sales representative for a customized efficiency evaluation.

SAFETY

Helps reduce safety risks in your OR.

■ NO-TOUCH, SINGLE-USE SYSTEM

■ HELPS MINIMIZE RISKS ASSOCIATED WITH IOL HANDLING AND LOADING

- Infection
- Cross-contamination
- Sterilization errors

■ LATEX-FREE



The no-touch system assures sterility in the surgical field.

TECNIS iTec Preloaded Delivery System. For Your Peace of Mind.



- PREDICTABILITY
- EFFICIENCY
- SAFETY
- HIGH-QUALITY VISUAL OUTCOMES

Important Safety Information—TECNIS® 1-Piece IOL with the TECNIS iTec Preloaded Delivery System

Indications: The TECNIS® 1-Piece Intraocular Lens (IOL) is indicated for the visual correction of aphakia in adult patients in whom a cataractous lens has been removed by extracapsular cataract extraction. This device is intended to be placed in the capsular bag. **Warnings:** Physicians considering lens implantation should weigh the potential risk/benefit ratio for any conditions described in the TECNIS® 1-Piece IOL with the TECNIS iTec Preloaded Delivery System Directions for Use that could increase complications or impact patient outcomes. Do not push the plunger forward to fully advance the lens until ready for lens implantation. Discard the device if the lens has been fully advanced for more than 1 minute. The TECNIS® 1-Piece IOL should not be placed in the ciliary sulcus. Use of methylcellulose viscoelastics is not recommended. **Precautions:** The use of viscoelastics is required when using the TECNIS iTec Preloaded Delivery System. Do not use if the TECNIS iTec Preloaded Delivery System has been dropped or if any part was inadvertently struck while outside the shipping case. Do not reuse, resterilize, or autoclave. **Adverse Events:** The most frequently reported adverse event that occurred during the clinical trial of the 1-Piece IOL was macular edema, which occurred at a rate of 3.3%. Other reported reactions occurring in less than 1% of patients were secondary surgical intervention (pars plana vitrectomy with membrane peel) and lens exchange (due to torn lens haptic). **Caution:** Federal law restricts this device to sale by or on the order of a physician. **Attention:** Reference the Directions for Use labeling for a complete listing of Indications, Warnings and Precautions.

Experience the advantages of the TECNIS iTec Preloaded Delivery System in your OR today.

Visit www.tecnisiol.com or call 1-877-AMO-4-LIFE.

AcrySof is a trademark of Novartis AG Corporation. TECNIS, TECNIS iTec, and ProTEC are trademarks owned by or licensed to Abbott Laboratories, its subsidiaries, or affiliates.
©2013 Abbott Medical Optics Inc. www.AbbottMedicalOptics.com 2013.07.30-CT7283
Reorder: TEC13-39



TECNIS iTec Preloaded Delivery System (PCB00)

Incision Size:	2.2 mm–2.4 mm
Delivery System:	Screw-style
Injector Type:	Disposable

TECNIS® 1-Piece Monofocal IOL

OPTIC CHARACTERISTICS

Power Range:	+5.0 D to +34.0 D in 0.5 diopter increments
Diameter:	6.0 mm
Shape:	Biconvex, anterior aspheric surface, square optic edge
Material:	UV-blocking hydrophobic acrylic
Refractive Index:	1.47
Edge Design:	ProTEC frosted, continuous 360° posterior square edge

BIOMETRY

A-constant:	119.3 (Optical Biometry)
	118.8 (Ultrasound Biometry-Contact)

HAPTIC CHARACTERISTICS

Overall Length:	13.0 mm
Style:	C
Material:	UV-blocking hydrophobic acrylic
Design:	Haptics offset from optic

Abbott
Medical Optics