



Less Surge,
More Stability
Enhanced for Safety

Glide Through
Any Lens Density
Exceptional Phaco Efficiency

A Difference
You Can Feel
Surgeon-Centered Design

veritas

Your surgical day just got easier.

veritas True Ease.
Total Control.





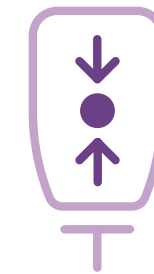
Enhanced for Safety

Less Surge, More Stability.

VERITAS™ Vision System's unique **Hybrid Fluidics Technology** sets a new standard in chamber stability through its proprietary **Advanced Tubing System (ATS)** and **Dual Pump System.**¹



Advanced Tubing System (ATS)



Pressurized and Gravity Infusion



Fluid Management



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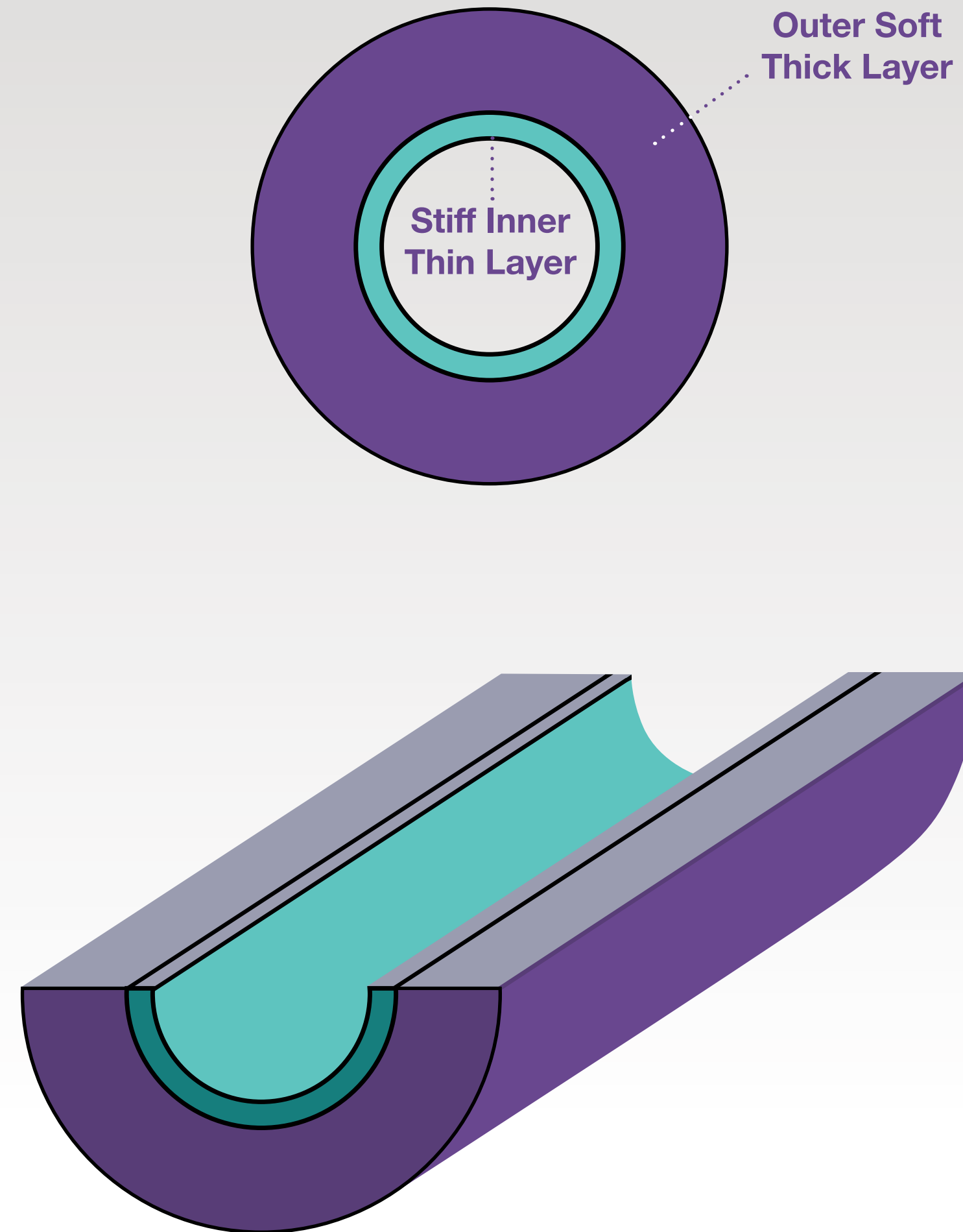
Surgeon-Centered Design



Advance Tubing System (ATS) provides unsurpassed stability and maneuverability.¹

Engineered to minimize surge while improving chamber stability

- Firm inner tubing maintains diameter at higher vacuum pressures and minimizes fluid volume variability
- Smaller inner diameter reduces flow rate in the aspiration channel
- Soft outer layer is designed to optimize maneuverability and comfort



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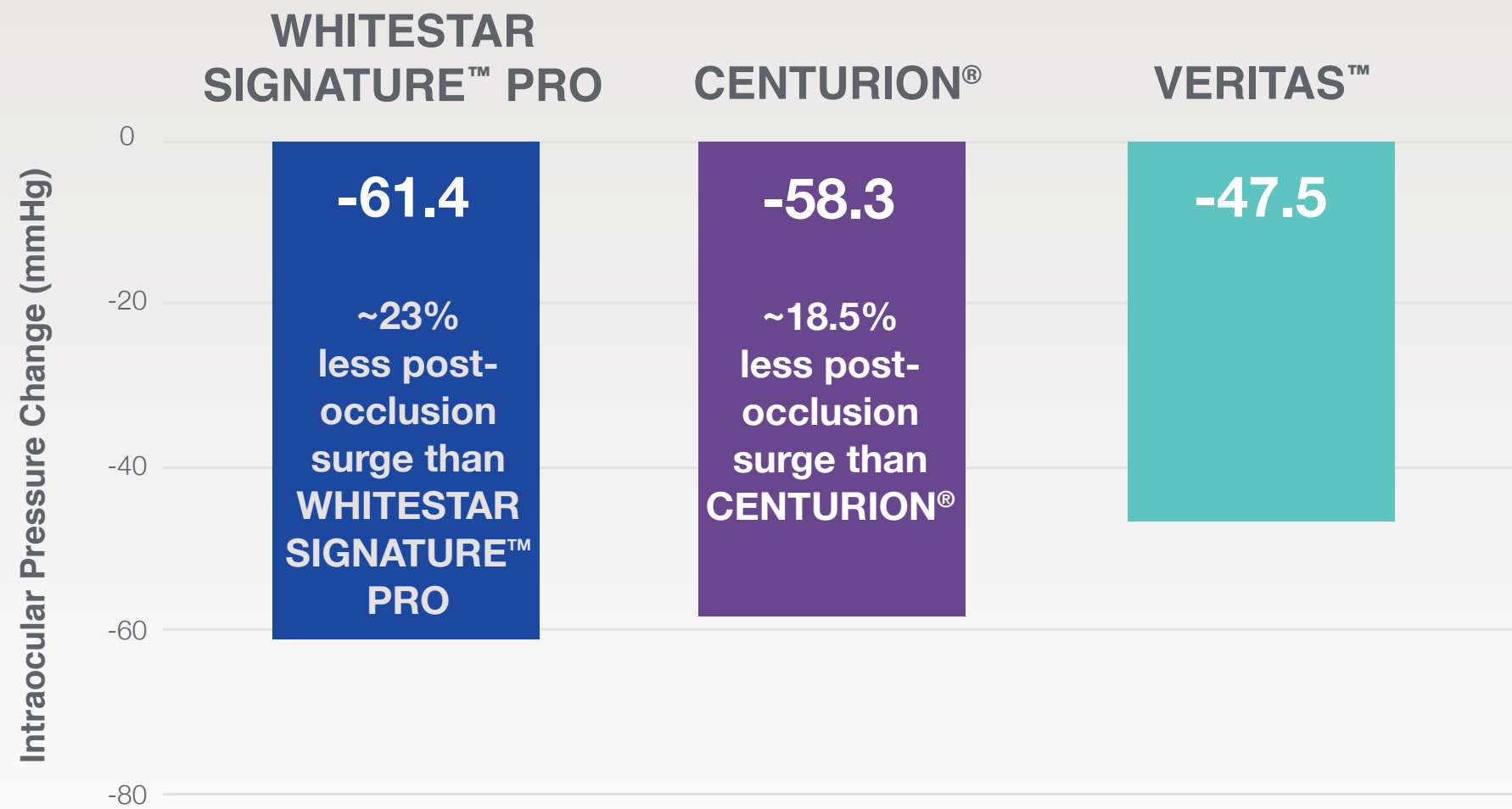
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Significant reduction in post-occlusion surge.^{2*}

VERITAS™ Vision System performs much better in post-occlusion surge in terms of intraocular pressure change.

Post-Occlusion Surge in Peristaltic Mode²

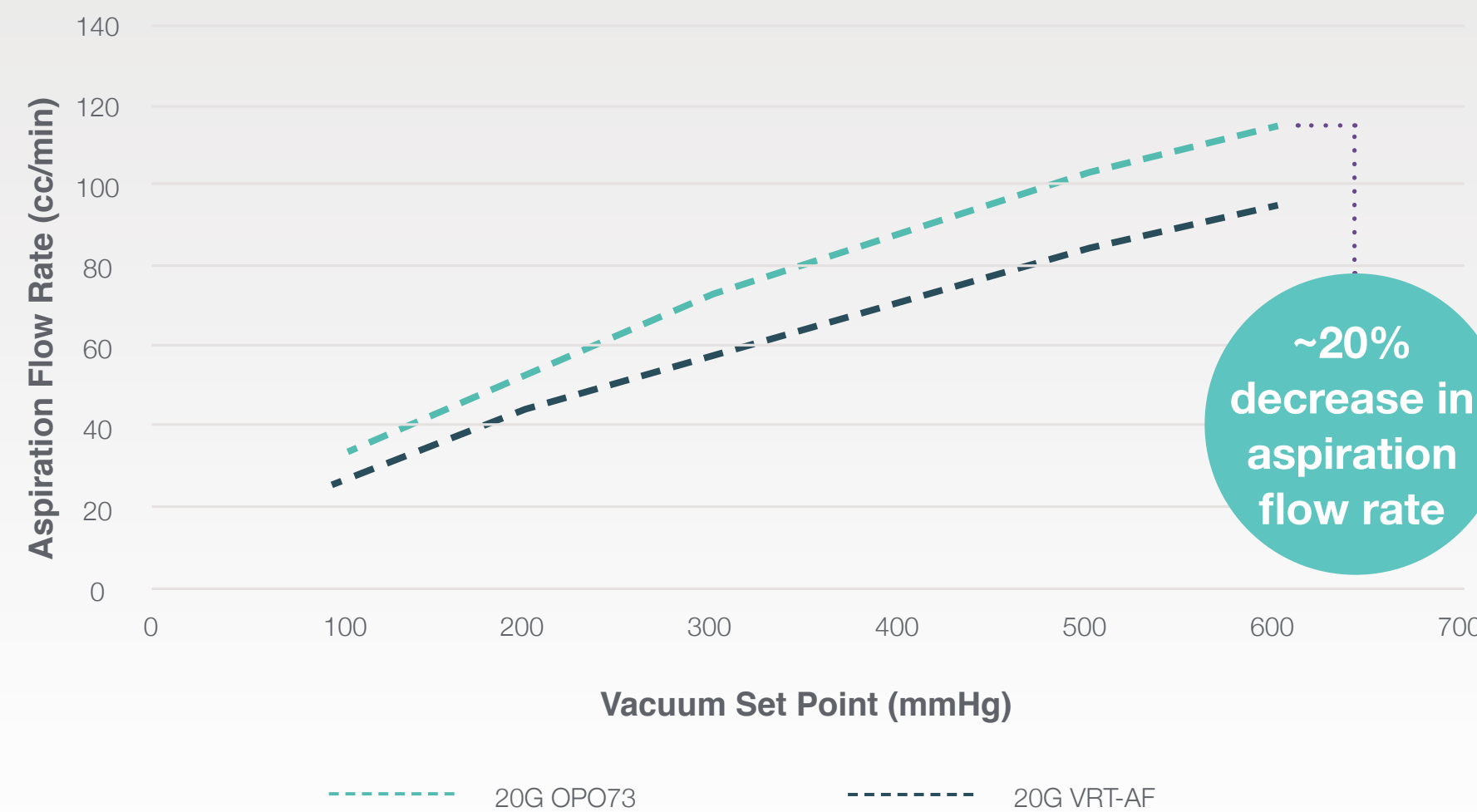


* Simulated test anterior chamber: A rigid body, leak-tight fixture with an attached pressure sensor to measure the simulated IOP. Test method: An ELLIPS FX handpiece with a LAMINAR Flow Phaco Tip 20 Gauge (G), 0, and 20G tip/High-flow sleeve was used with the VERITAS™ System. A Centurion OZil handpiece with 0.9 mm 45 ABS Intrepid Balanced Tip and Sleeve was used with the Centurion system. The IOP in Centurion system was set at 65 mmHg, while an effective bottle height of 57 cm was selected for the VERITAS™ System. Both systems had approximately the same static IOP. A maximum vacuum of 400 mmHg and an aspiration flow of 30 cc/min were chosen for both systems. The IOP waveform was measured and recorded continuously during occlusion and occlusion break. The POS process was repeated three times to collect multiple occlusions. Data collection: CASE mode was enabled at a vacuum of 280 mmHg in the VERITAS™ System. The POS performance of the VERITAS™ system with VRT-AF/AI packs and 20G tip/High-flow sleeve was significantly better (18.5%) in IOP change compared to the Centurion system (47.5 mmHg [SD 2.6] vs. 58.3 mmHg [SD 3.3], respectively; P < 0.05). Abbreviations: CASE = Chamber Stabilization Environment; IOP = intraocular pressure; POS = post-occlusion surge.

Higher active vacuum without compromising chamber stability.³

Advanced Tubing System (ATS) decreases flow rates even at higher Venturi vacuum levels.

Venturi Flow Rate, 20g, FUSION™ Phaco Pack OPO73 vs. VERITAS™ Phaco Packs³



Results from non-clinical study. Designed to evaluate the fluidics performance of OPO73 and VERITAS™ Phaco Packs with 20g tip in Venturi mode in terms of aspiration flows at a full range of vacuum.



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Pressurized and gravity infusion options support flexibility and choice.

Two distinct phaco packs deliver Hybrid Fluidics Technology using the infusion method you prefer.¹

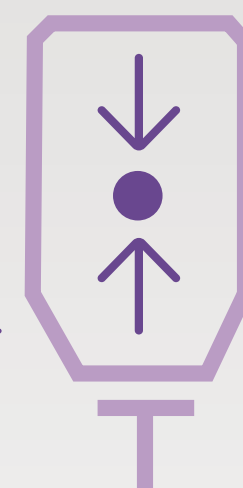
VERITAS™ Advanced Infusion Phaco Pack (VRT-AI)



VERITAS™ Advanced Fluidics Phaco Pack (VRT-AF)



* VERITAS™ Advanced Infusion Phaco Pack only compatible with bottle irrigations source.



VERITAS™ Advanced Infusion Phaco Pack with pressurized infusion*

- Achieve higher irrigation pressure without raising bottle height¹
- Increased irrigation helps maintain both the anterior chamber depth and working space within the eye¹



VERITAS™ Advanced Fluidics Pack with gravity infusion

- Compatible with both bottle and bag irrigation source



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Automatic Continuous Irrigation⁴

- Doesn't require toggling of foot switch or additional staff support
- When enabled, **Continuous Irrigation Auto-Off**, with physician-selected shut-off delay (1-3 seconds), automates the management of fluid inflow



Variable Venting⁴

- The fluidics system applies variable venting pressure to release the material at the aspiration tip when the foot pedal is released to position 0, giving you full control if the tip accidentally grabs the capsule or iris.
- Select low, medium or high venting strength based on surgeon preference

Intelligent Occlusion Sensing⁴

- Continuously monitor the pressure in the aspiration channel
- Proactively adjusts to maintain pressure, for chamber stability

Reflux⁴

- Immediately releases or dislodges unwanted material from the handpiece tip
- “Tents” the incision site to allow easier tip insertion



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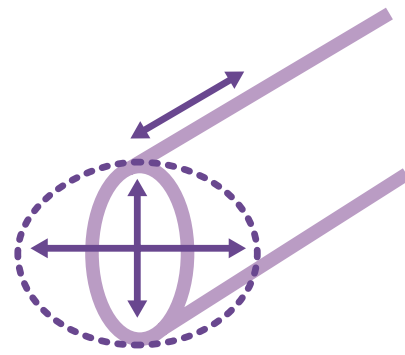




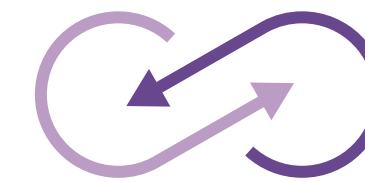
Exceptional Efficiency

Glide Through Any Lens Density.

VERITAS™ provides high-performance cutting efficiency, even in dense cataracts.¹



Elliptical UltraSound & WHITESTAR™ Technology



Dual Pump System



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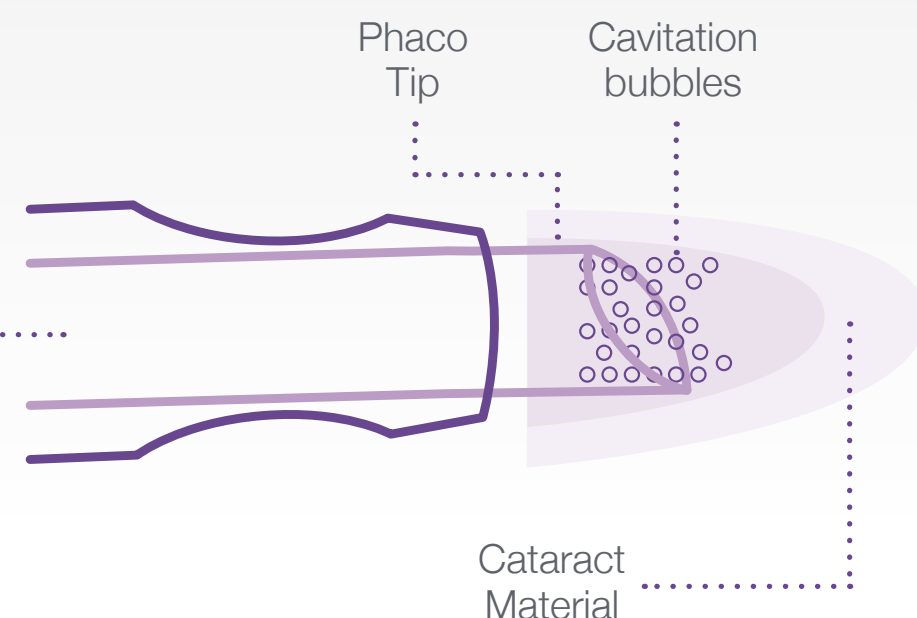
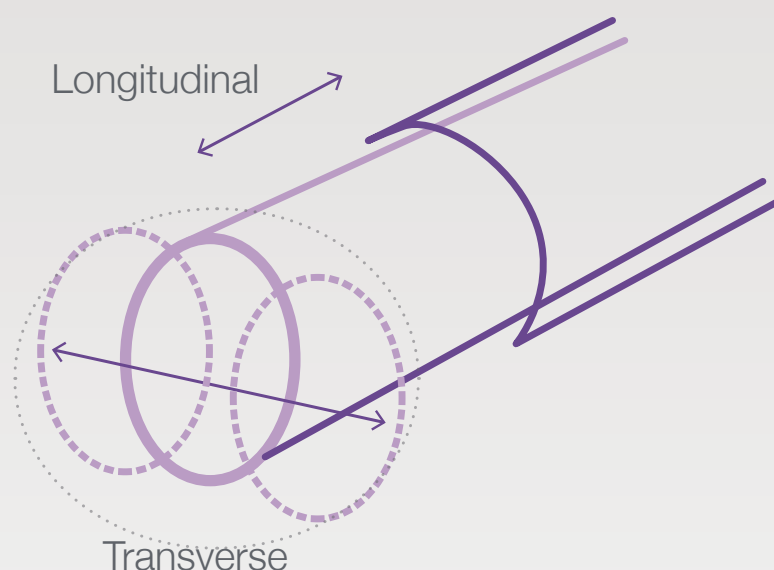


Elliptical UltraSound
& WHITESTAR™ Technology
Dual Pump System

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Elliptical Ultrasound & WHITESTAR™ Technology help glide through any lens density.

A powerful combination for ultra-smooth cutting and maximum efficiency.¹



Elliptical tip movement blends transversal and longitudinal ultrasound energy delivery

- Facilitates magnetic hold to reduce lens chatter and turbulence⁵
- Helps break clogs at occluded tip⁵
- Minimizes hot spots near the proximal needle shaft⁶

WHITESTAR™ Technology delivers high-power cutting efficiency and improved lens control⁴

- Delivers finely modulated pulses of energy with extremely brief cooling periods, achieving full ultrasound cutting efficiency and magnetic followability
- Designed to deliver optimal cavitation energy for nucleus removal without increasing thermal energy



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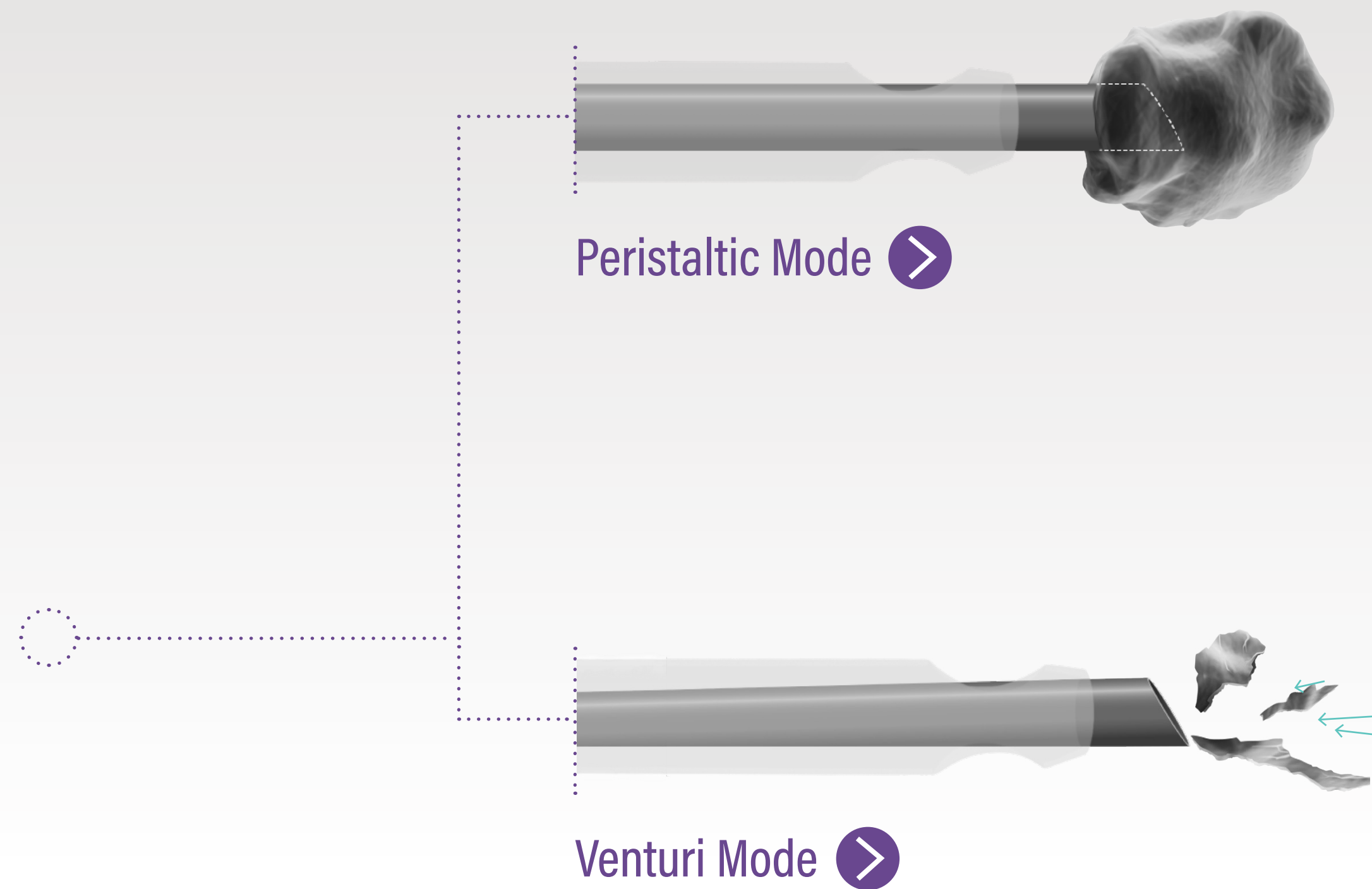
Elliptical Ultrasound
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Dual Pump System

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Dual Pump System provides flexible control of lens extraction.

On-demand access to peristaltic and venturi pumps for efficiency throughout the case, without the need to switch phaco packs.¹



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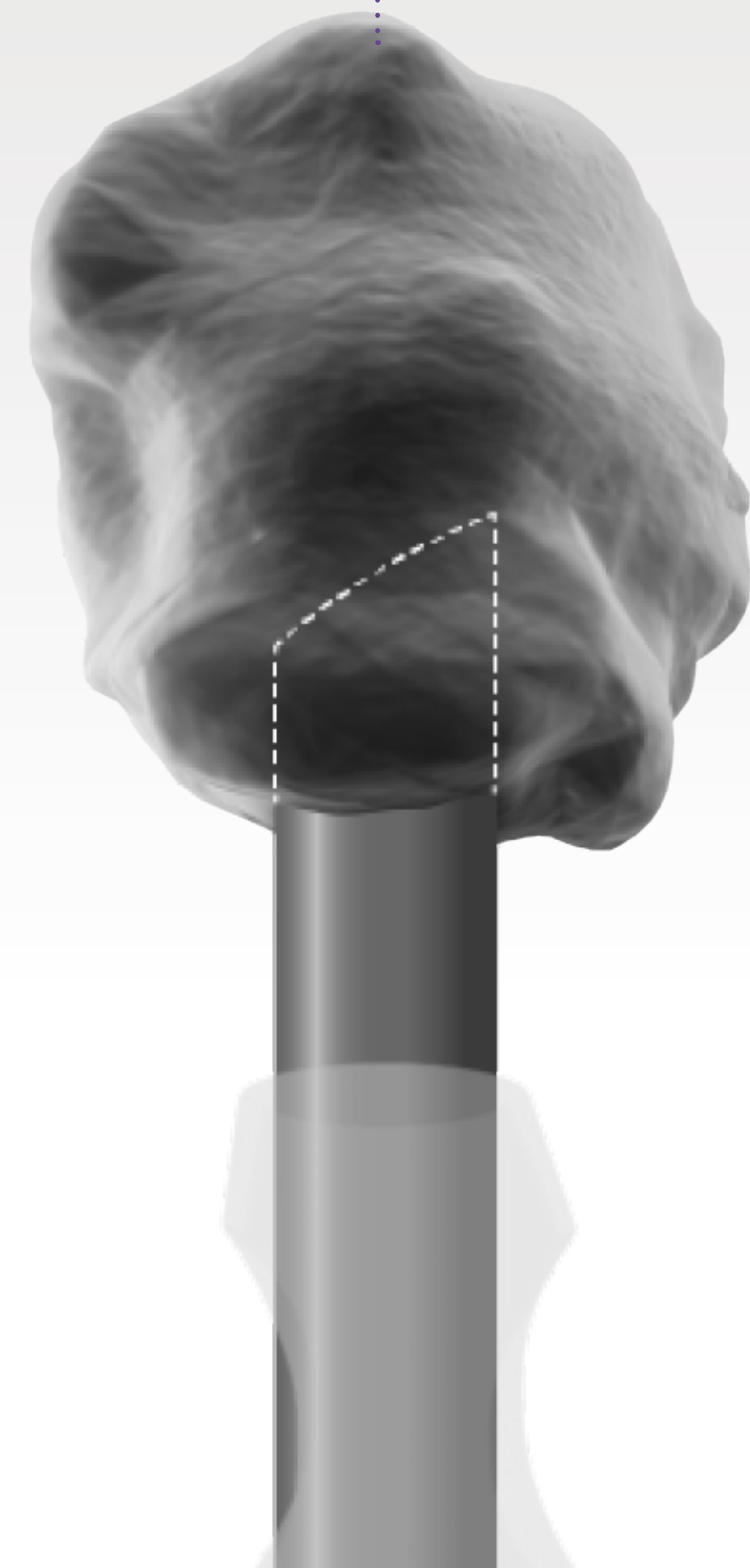
Peristaltic Mode

Exceptional control and performance with high-powered vacuum levels, effective holdability and fine-tuned interoperative precision and nucleus segmentation.¹

- Optimal for sculpt, crack and segment control¹
- Holds large fragments at the tip, allowing surgeons to effectively pull first quadrant centrally¹
- Helps reduce post-occlusion surge⁷

Venturi Mode 

Increased holdability and control



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Venturi Mode

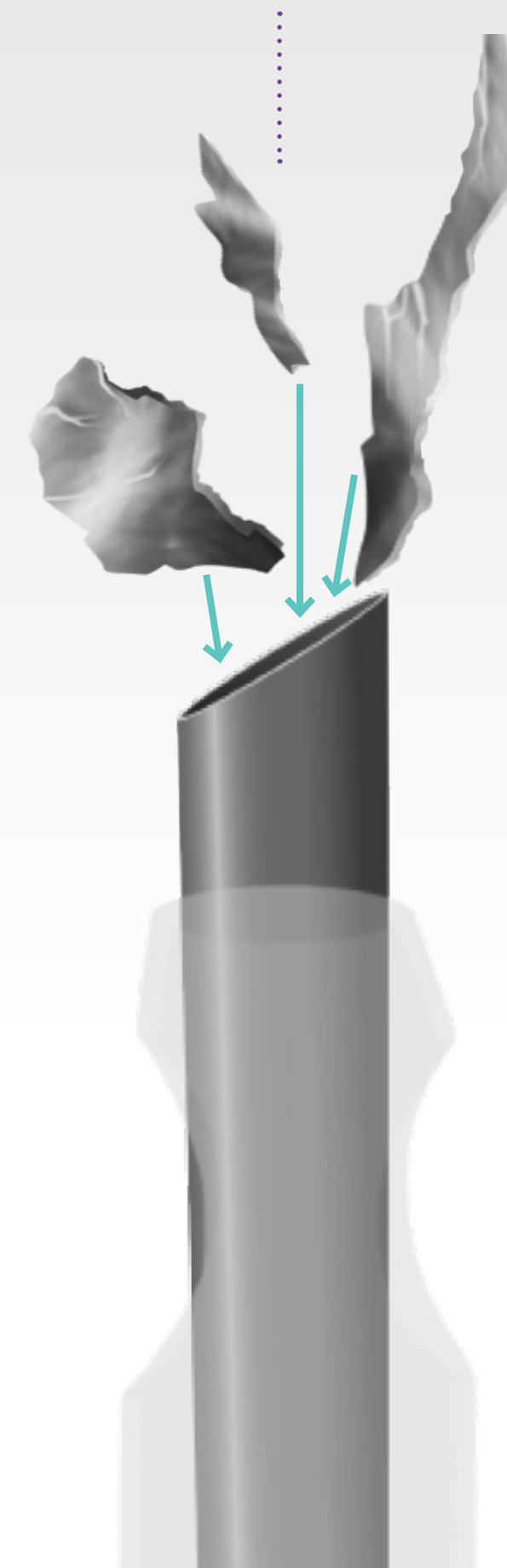
Fast and efficient tissue removal with maximum followability and higher vacuum, without compromising chamber stability.¹

- Draws nuclear fragments and cortical strands to the tip for efficient nuclei extraction¹
- Reduces phaco time⁷
- Responds instantly to occlusion breaks⁴

Peristaltic Mode 



Improved followability and efficiency



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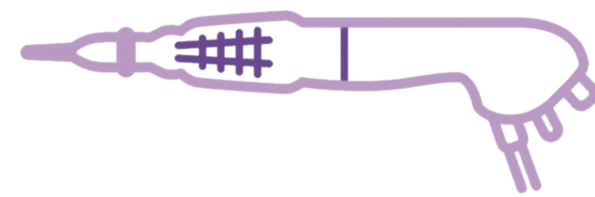
**A Difference
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Surgeon-Centered Design

A Difference You Can Feel.

VERITAS™ was designed to maximize comfort and reduce fatigue so you feel a noticeable difference.¹



VERITAS™ Swivel Handpiece



Ergonomic Foot Pedal



Enhanced Interface and Analytics



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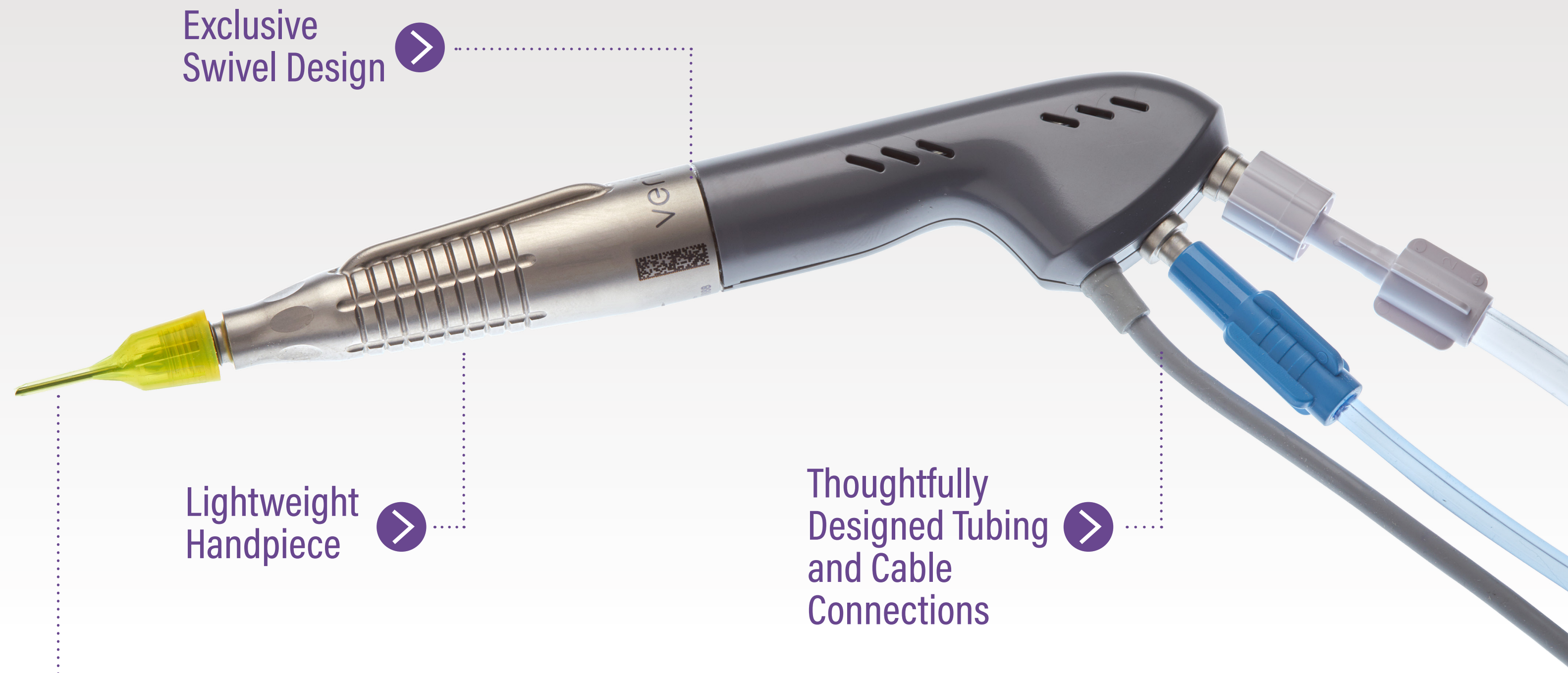
Swivel Handpiece
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VERITAS™ Swivel Handpiece

puts ease of maneuverability and comfort in your hands.^{8,9}



Compatible with Straight or Angled Tips and Various Sleeves

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VERITAS™ Swivel Handpiece

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Exclusive Swivel Design

Up to **220° of rotation** at the distal end for easy maneuvering within the eye¹

Proximal end remains stationary, greatly reducing torque from tubing¹



Lightweight Handpiece

Thoughtfully Designed Tubing and Cable Connections

Compatible with Straight or Angled Tips and Various Sleeves

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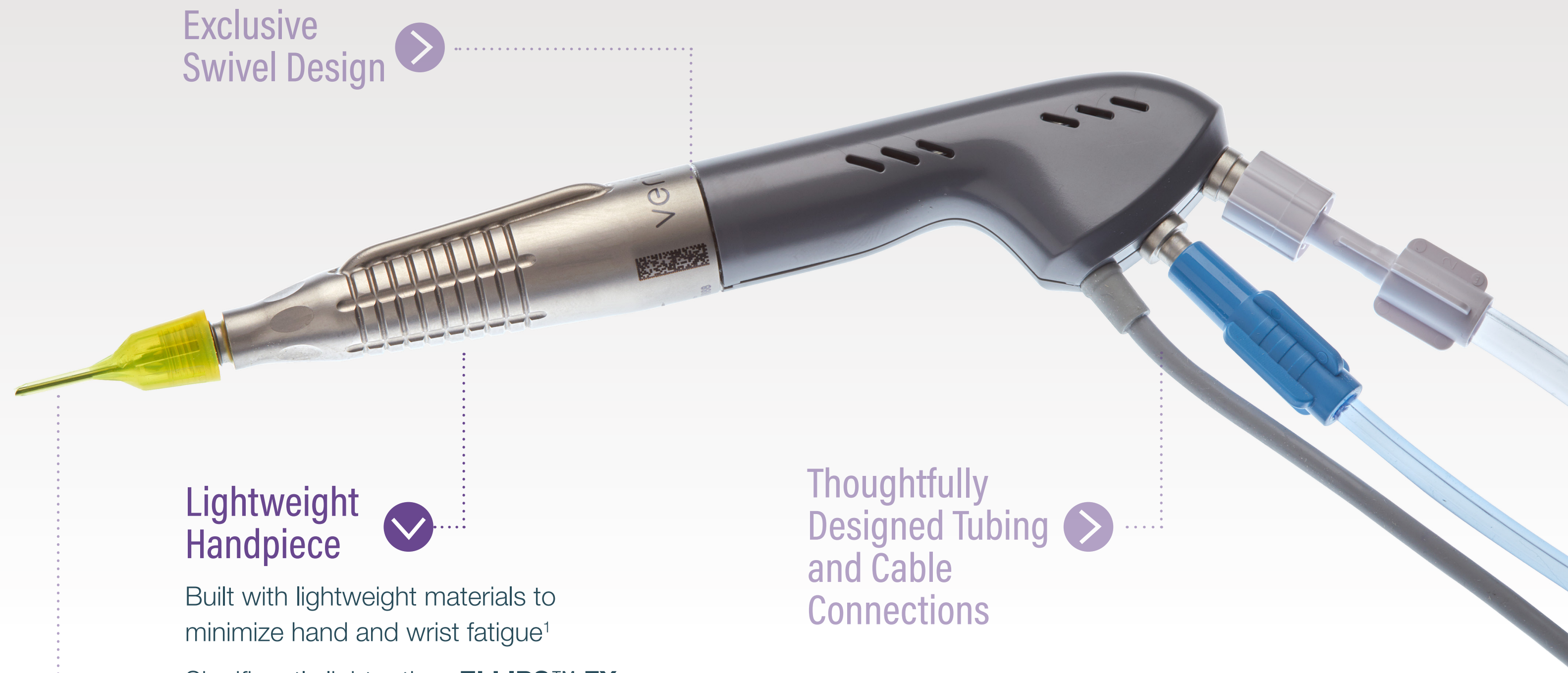
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puts ease of maneuverability and comfort in your hands.^{8,9}



Exclusive Swivel Design >

Lightweight Handpiece ✓

Thoughtfully Designed Tubing and Cable Connections >

Compatible with Straight or Angled Tips and Various Sleeves

Built with lightweight materials to minimize hand and wrist fatigue¹

Significantly lighter than **ELLIPS™ FX** and **CENTURION™** handpieces¹

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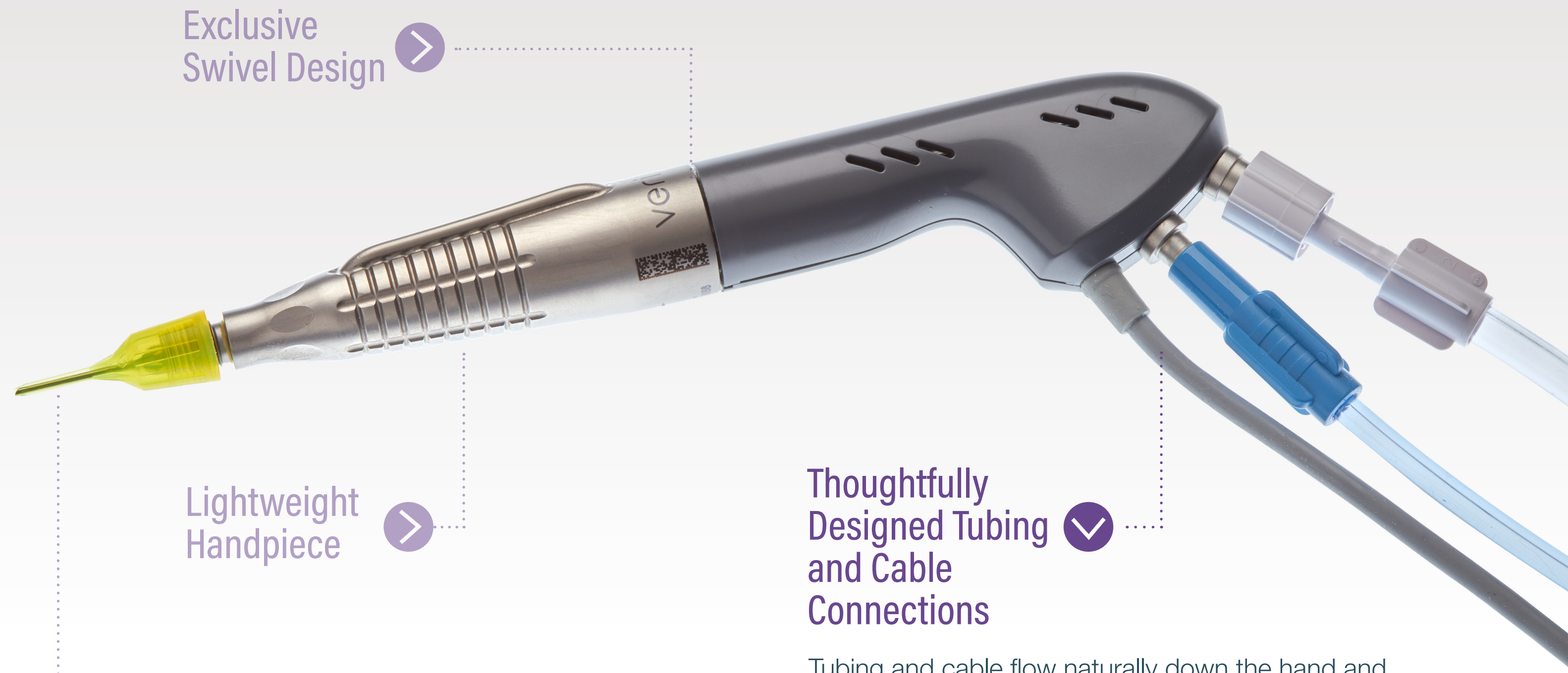
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VERITAS™ Swivel Handpiece

puts ease of maneuverability and comfort in your hands.^{8,9}



Exclusive Swivel Design

Lightweight Handpiece

Thoughtfully Designed Tubing and Cable Connections

Tubing and cable flow naturally down the hand and over arm¹

Irrigation luer-lock fitting assures a secure connection between the tubing and the handpiece¹

Compatible with Straight or Angled Tips and Various Sleeves

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Swivel Handpiece

Ergonomic Foot Pedal
Enhanced Interface and Analytics



The VERITAS™ Foot Pedal

is ergonomically designed for control and comfort.^{1,10}

Intuitive Side and Top Switches >

Enhanced Treadle Design >



Enhanced Usability Features >



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Intuitive Side and Top Switches

Increased activation area for easy actuation by all foot sizes¹

Actuation along the full length of the switch paddle requires less activation force¹

Improved audible and tactile feedback for both top and side switches¹

Enhanced Treadle Design



Enhanced Usability Features



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Intuitive Side
and Top Switches >



Enhanced
Treadle Design v

12° starting angle provides optimal range of motion during surgery to reduce fatigue¹

1° ending angle makes for comfortable positioning during 100% activation¹

Polymer material is comfortable for socked or bare feet¹



Enhanced Usability Features >

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Enhanced Treadle Design



Enhanced Usability Features



Optional heel insert ensures consistent placement and reduces heel lift during actuation¹

Supports both wireless and wired connections¹

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Enhanced Interface and Analytics



Enhanced graphical interface enables intuitive use and personalization.^{9,11}

Design and functionality enhancements support better interactivity and usability for both surgeons and staff.

- Familiar workflow and plug-and-play functionality
- Compatible with **WHITESTAR SIGNATURE™ PRO** handpieces and foot pedals

Graphical User Interface



19" Capacitive Touchscreen Monitor with Built-in Speakers



Browse interface screens



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Graphical User Interface

User-friendly navigation to easily access menus and view case info¹

Improved color coding indicates various modes in the procedure¹

Color selection designed for high visibility in OR lighting

19" Capacitive Touchscreen Monitor with Built-in Speakers

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19" Capacitive Touchscreen Monitor with Built-in Speakers



Improved pixel quality for even greater clarity

Edge-to-Edge glass screen for easier cleaning and sterilization

40° rotation side-to-side and 15° tilt up-and-down¹



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Cataract Analysis and Setting Application (CASA)

Designed for surgeons and administrators, CASA delivers easily accessible surgical performance metrics directly to your smart device. With accurate and quantifiable information at your fingertips, you can enhance the efficiency of your surgical performance and OR management.

- Wirelessly connect to one or multiple systems
- Get a customized, strategic view of your cases
- Access easy-to-interpret performance charts



High-Definition Surgical Media Center (HD-SMC)

- Easily capture high-definition videos of your procedures
- Glean insights from each case to enhance your technique



**CASA and
HD-SMC provide
meaningful
analytics and
performance
information.**

Please read the CASA user guide for a comprehensive instruction of use.



Ready for your surgical day to get easier?

Experience the difference.
Say YES to demo **VERITAS™** today.

veritas True Ease.
Total Control.

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For Healthcare Professionals Only. Please reference the Instructions for Use for a complete list of Indications and Important Safety Information and contact our specialists in case of any question.

References:

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