



# **AMS 700™**

Inflatable Penile Prosthesis with TENACIO™ Pump



# The TENACIO™ Pump

## Engineered so every squeeze counts

Powering the AMS 700™ Inflatable Penile Prosthesis (IPP), the TENACIO Pump is designed to move fluid efficiently and build rigidity. It responds to a wide range of pumping styles, from light, quick pulses to deeper compressions, adapting to differences in patient strength and dexterity. The prominent, intuitive deflation button that is responsive from multiple angles, facilitates returning to a flaccid state in a single press.



# Feature innovations:

Informed by 100+ patients



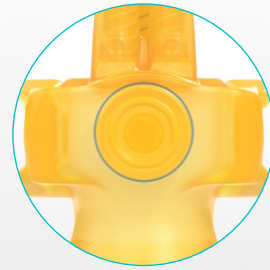
## IDENTIFICATION

The prominent pump bulb grips and unique landmarks are designed to orient and stabilize the pump in the scrotum.



## INFLATION

Engineered for reliable and efficient inflation, regardless of pumping style.



## DEFLATION

A high-profile, one-press release button that immediately initiates deflation.



# EFFICIENT FLUID TRANSFER

*TENACIO's design – from the valve block to the bulb – supports fluid movement throughout the compression stroke, so each squeeze can contribute building rigidity, while managing internal pressure during use to preserve system reliability.*

- ✓ **Independent valve functions** designed to limit mechanical failure, including sticky pump
- ✓ **Valve design intended** to reduce oscillation and increase tactile feedback
- ✓ **Dedicated anti-auto inflate valve** designed to prevent unexpected inflation
- ✓ **Designed to downregulate** internal pressures to preserve system reliability



# BROAD COMPRESSION RANGE

*The TENACO Pump is designed to perform across a range of squeeze styles – fast or slow, shallow or deep – aligning with how different users, with different hand strengths, may activate the pump.*

- ✓ **Designed** to activate for a wide user profile by accommodating fast (2.5 in/s) and slow (0.25 in/s) activation squeeze rates
- ✓ The **direct fluid pathways** are designed to enable efficient inflation as compared with the MS pump™. In bench testing conducted by BSC (n=5), the TENACIO pump was found to have a 27% faster refill rate as compared to the MS pump.\*
- ✓ The **pump grip design** is intended to impact squeeze efficiency by promoting a centered finger placement on the pump bulb.

\*Bench testing or pre-clinical study results may not necessarily be indicative of clinical performance



# ONE-PRESS DEFLATION

*A prominent deflation button is designed to respond to direct or off-axis presses, supporting a smooth deflation experience to a flaccid state.*

- ✓ **Deflation button designed** to guide finger placement during deflation and be distinguishable from the valve block
- ✓ **Off-axis presses** can still initiate automatic deflation – designed to be more accommodating for one-handed operation
- ✓ **Designed to prevent unintentional deflation** when subjected to deflation button side loading
- ✓ **Designed to be natural and discreet** by operating quietly during deflation (and inflation)



# Protected with the Power of InhibiZone™

*The AMS 700 Inflatable Penile Prosthesis with InhibiZone is the only antibiotic-impregnated inflatable penile prosthesis on the market clinically proven to reduce the risk of infection.*

- ✓ **Eliminates extra steps** required for device prep and soaking due to impregnating InhibiZone into the surface of the prosthesis during the manufacturing process
- ✓ **Zone of Inhibition:** InhibiZone creates a zone of inhibition, effective against the bacteria commonly associated with IPP infections
- ✓ **Proven reduction in infections:** 56% reduction (from 2.5% to 1.1%) in revisions due to infection in first-time implant patients<sup>2</sup>; 32% reduction (from 3.7% to 2.5%) in secondary revision procedures due to infection<sup>3</sup>; 65% (from 4.17% to 1.47%) in initial revisions due to infection in high-risk patients with diabetes<sup>4</sup>



## Important safety information

For AMS 700 Inflatable Penile Prosthesis indications, safety, and warnings, scan the QR code below or visit [bostonscientific.com/AMS700-brief-summary](https://www.bostonscientific.com/AMS700-brief-summary)



## References

1. Carson CC III, Mulcahy JJ, Harsh MR. Long-term infection outcomes after original antibiotic impregnated inflatable penile prosthesis implants: up to 7.7 years of follow-up. *J Urol.* 2011 Feb;185(2):614-8.
2. Nehra A, Carson CC III, Chapin AK, et al. Long-term infection outcomes of a 3-piece antibiotic impregnated penile prostheses used in replacement implant surgery. *J Urol.* 2012 Sep;188(3):899-903.
3. Mulcahy JJ, Carson CC III. Long-term infection rates in diabetic patients implanted with antibiotic-impregnated versus nonimpregnated inflatable penile prostheses: 7-year outcomes. *Eur Urol.* 2011 Jul;60(1):167-72.

Caution: U.S. Federal law restricts this device to sale by or on the order of a physician.

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Boston Scientific Corporation  
300 Boston Scientific Way  
Marlborough, MA 01752  
[www.bostonscientific.com](https://www.bostonscientific.com)

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