



DELIVERABILITY REDEFINED. TAVI REIMAGINED.

PORTICO™ WITH FLEXNAV™
TAVI SYSTEM



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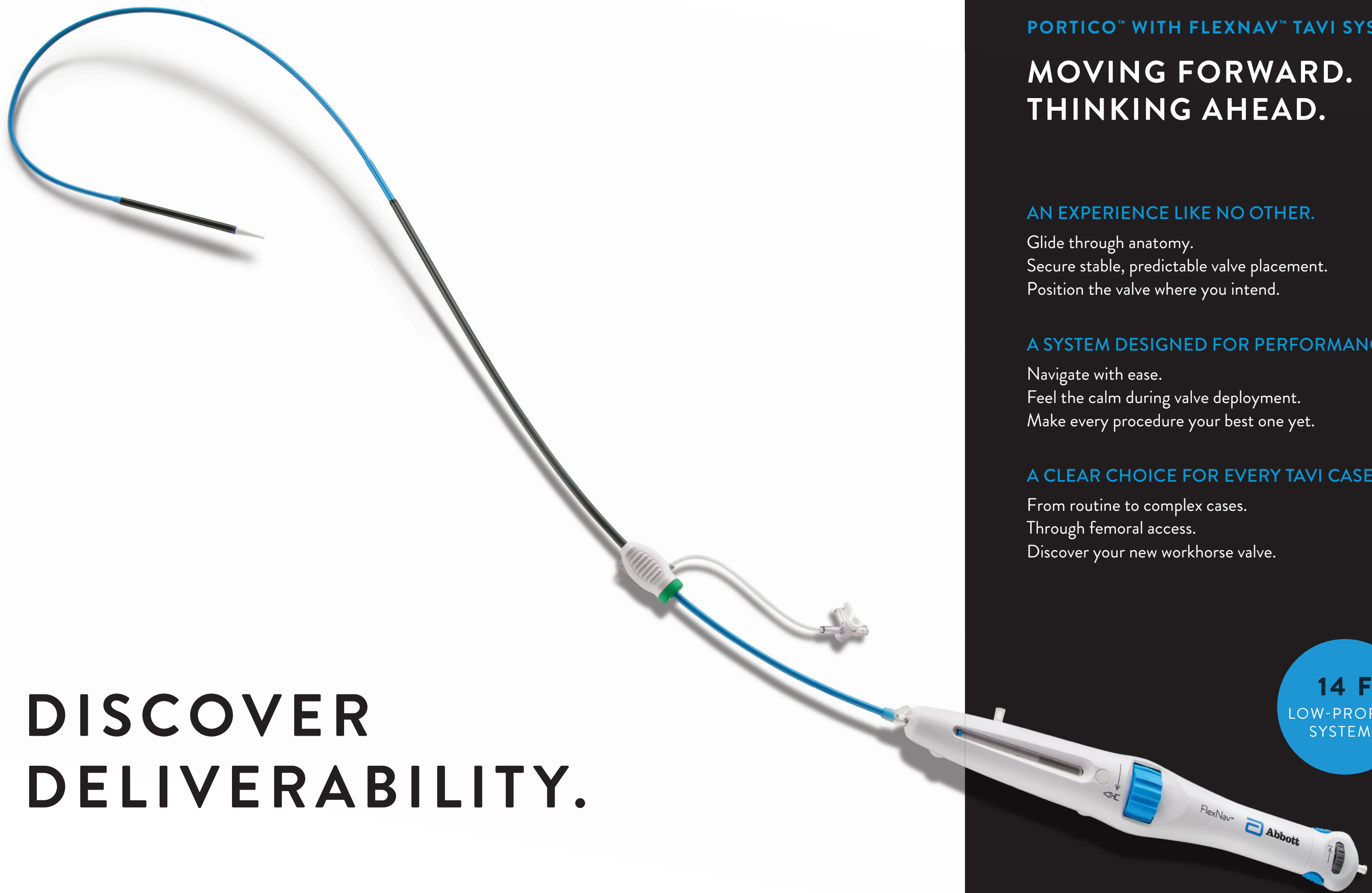


TAKE CONTROL.

THE MOMENT IS
ALL YOURS.

THE FLEXNAV DELIVERY
SYSTEM'S EXCEPTIONAL
DESIGN WAS PURPOSEFULLY
BUILT TO GIVE YOU
COMPLETE, INDEPENDENT
CONTROL OF VALVE
DELIVERY.

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PORTICO™ WITH FLEXNAV™ TAVI SYSTEM

MOVING FORWARD. THINKING AHEAD.

AN EXPERIENCE LIKE NO OTHER.

Glide through anatomy.
Secure stable, predictable valve placement.
Position the valve where you intend.

A SYSTEM DESIGNED FOR PERFORMANCE.

Navigate with ease.
Feel the calm during valve deployment.
Make every procedure your best one yet.

A CLEAR CHOICE FOR EVERY TAVI CASE.

From routine to complex cases.
Through femoral access.
Discover your new workhorse valve.

14 F
LOW-PROFILE
SYSTEM*1

DISCOVER DELIVERABILITY.

*14 F equivalent integrated sheath diameter.

BIG THINKING, DOWN TO THE SMALLEST DETAIL.

SEE PROGRESS AS YOU GO

A deployment indicator gives you a clear visualization of the valve's deployment progress.

FEEL EVERY ADVANCEMENT

The simple deployment wheel provides both audible and tactile feedback as you deploy the valve.

OPEN AND CLOSE WITH EASE

Two macro-slide buttons make it easy for you to open and close the distal end of the delivery system during valve loading and post-deployment.

TAKE THE TENSION OUT OF TAVI

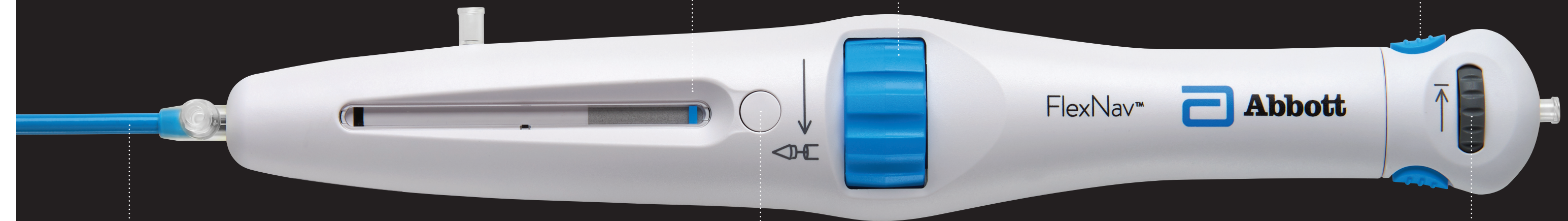
The stability layer ensures stable, predictable valve deployment to achieve accurate valve placement.⁴

LOCK IN PLACEMENT ACCURACY

The automatic lock button prevents full valve deployment until you've got the valve right where you want it.

DIAL IN THE DETAILS

With the micro-adjustment wheel, you can close gaps between the valve capsule and the atraumatic nosecone.



LOOK CLOSER.

DELIVERABILITY IS IN THE DETAILS.

Portico with FlexNav brings together innovation across every aspect of its design, offering a flexible and trackable TAVR System.⁴

3D FLEXIBILITY. INFINITE POSSIBILITY.

FlexNav offers three-dimensional flexibility at the distal end and throughout its entire working length.



1

ATRAUMATIC NOSECONES AND SMOOTH TRANSITIONS ARE DESIGNED TO REDUCE VASCULAR COMPLICATIONS AND PREVENT CALCIUM DISLODGE.

2

THE LARGE-CELL FRAMEWORK OF THE PORTICO VALVE IS DESIGNED TO REDUCE METAL MASS, RESULTING IN A MORE FLEXIBLE CAPSULE.

3

THE CAPSULE IS MORE FLEXIBLE BECAUSE IT DOES NOT REQUIRE BILATERAL METAL RAILS OR EXTRA NITINOL BRAIDING, RESULTING IN ENHANCED FLEXIBILITY.²

4

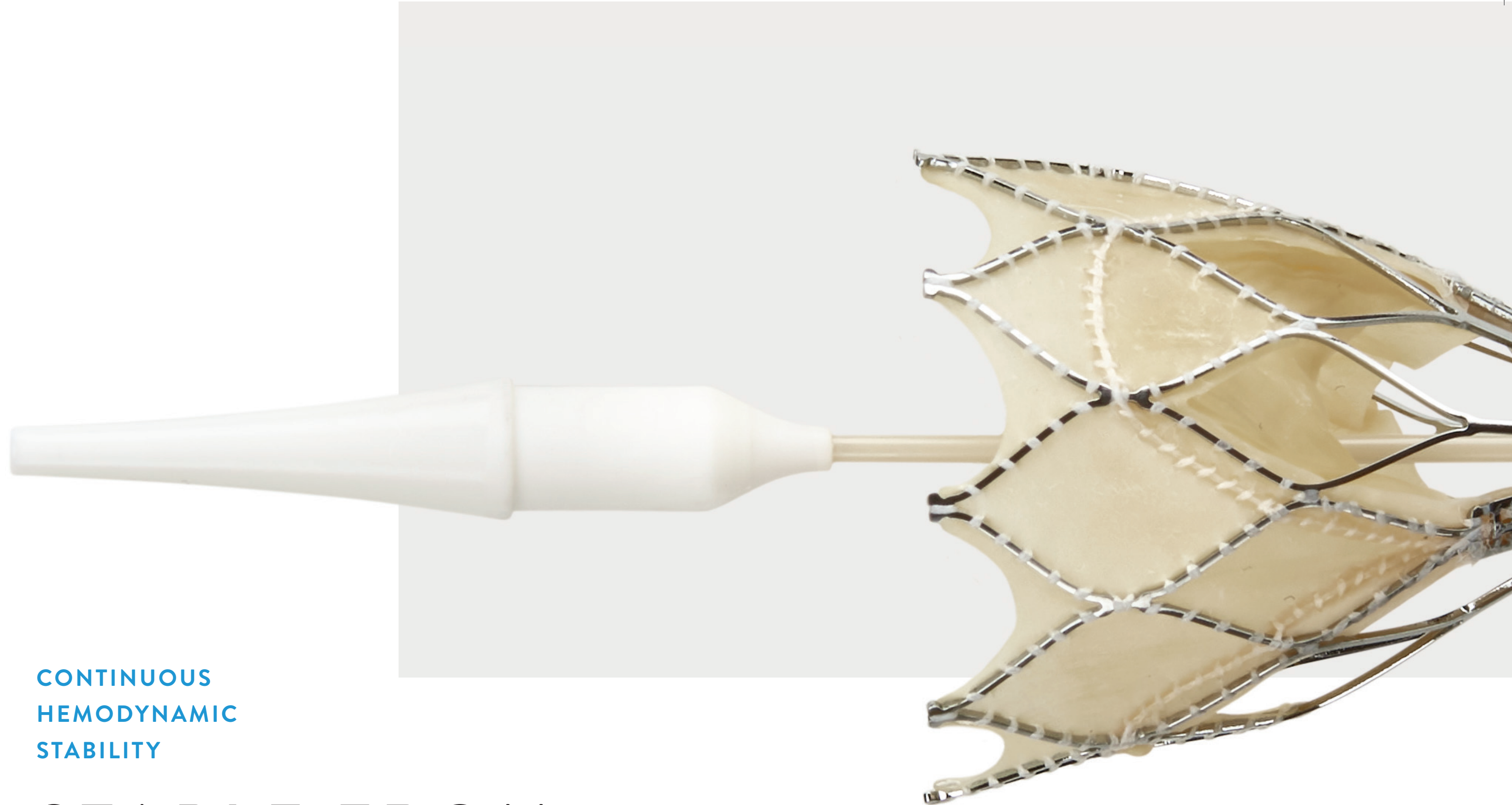
HYDROPHILIC COATING REDUCES FRICTION BY 98%,³ PROVIDING LUBRICITY TO GUIDE THE SYSTEM THROUGH VASCULATURE.

5

INTEGRATED SHEATH FOR LOW 14 F DELIVERY PROFILE.¹

¹14 F equivalent integrated sheath diameter.

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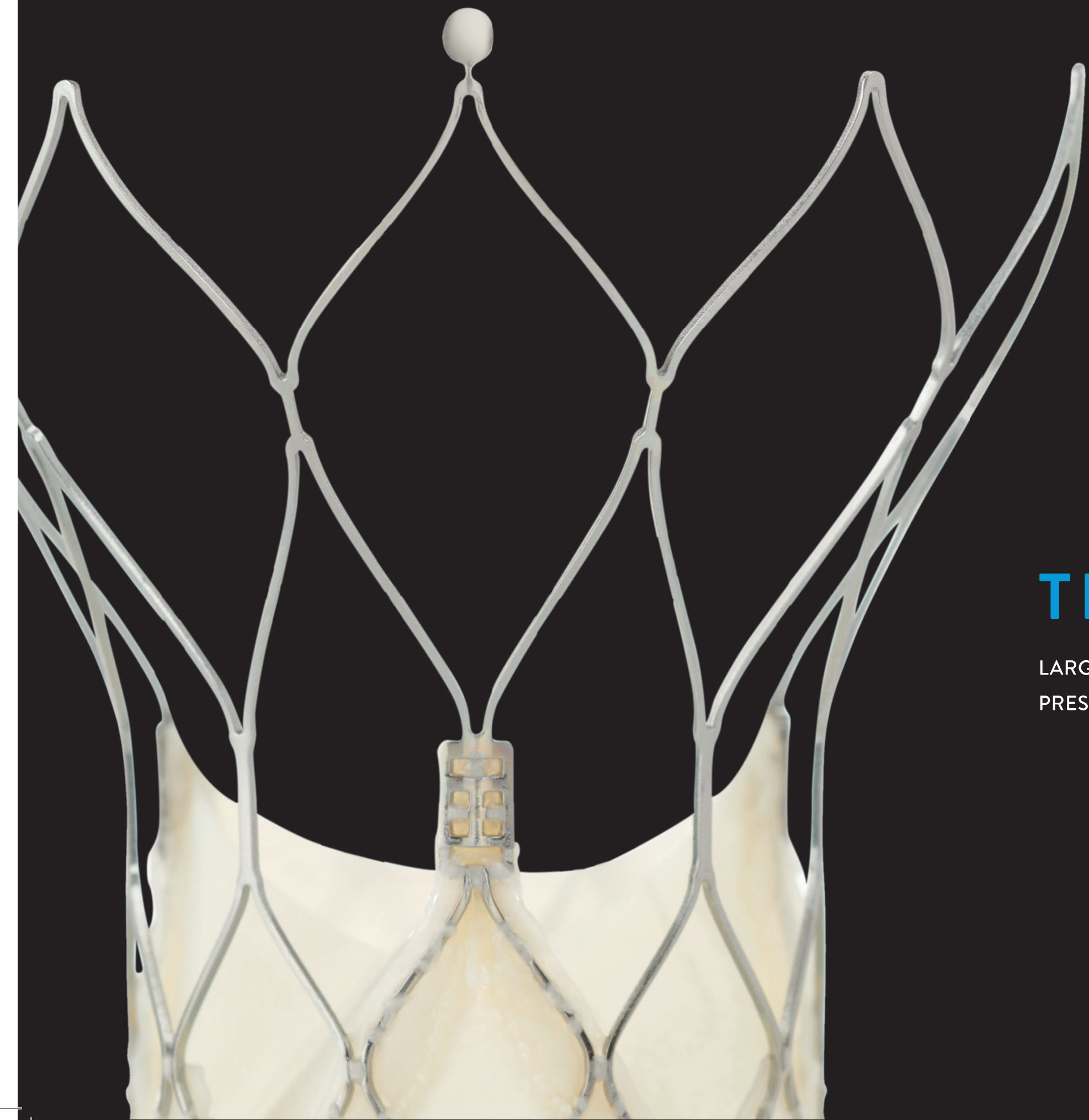
CONTINUOUS
HEMODYNAMIC
STABILITY

STABLE FROM THE START.

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EARLY LEAFLET FUNCTIONALITY. NO RAPID PACING.

Intra-annular leaflet position in a self-expanding valve provides early valve function and hemodynamic stability throughout the procedure —for calm and controlled deployment, without compromise.⁴



THINKING AHEAD

LARGE-CELL GEOMETRY AND INTRA-ANNULAR VALVE POSITION
PRESERVE CORONARY ACCESS.

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FEEDBACK FROM FLEXNAV USERS*

OVERALL DELIVERABILITY

“It was very easy to use. We saved two French sizes of the sheath compared to the previous system. The control of the delivery system was absolutely better. It’s a big advantage in the development of the TAVI procedure with the Portico valve.”

-Interventional Cardiologist
Italy

OVERALL FLEXIBILITY

“The system is a major advancement. With release, it didn’t move at all. And this was in a relatively horizontal aorta. We were able to end up being two to three mm in both the non-coronary and the left coronary side. Perfect implant. Very impressed. Big improvement.”

-Interventional Cardiologist
United States of America

PLACEMENT ACCURACY

“A key element of this is the stability of the delivery. Having done a lot of cases before, I and the team had a really good understanding of the movements of the valve when it was being released or retracted. But here, with the FlexNav system, it is just stable throughout the whole delivery.”

-Interventional Cardiologist
Australia

DELIVERABILITY IN TORTUOUS ANATOMY

“The biggest benefit is the ability for the valve to be advanced even through very tortuous anatomies. The hydrophilic coating of the delivery system allows the valve and the delivery system to swim through arches and accesses without any difficulty at all.”

-Interventional Cardiologist
United Kingdom

*Opinions about the treatment discussed can and do vary and are specific to the individual's experience and might not be representative of others.

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ADVANCED OUTCOMES WITH FLEXNAV

THE FLEXNAV DELIVERY SYSTEM COHORT OF
THE PORTICO IDE STUDY DEMONSTRATED
THE FOLLOWING OUTCOMES⁴:

0.6%

ALL-CAUSE MORTALITY

1.1%

DISABLING STROKE

0.0%

AKI III

3.9%

LIFE-THREATENING BLEEDING

5.0%

MAJOR VASCULAR COMPLICATIONS

* Global cohort data represent a non-randomized sample of high- or extreme-risk patients that underwent an attempted Portico™ valve implant using the FlexNav™ delivery system via a transfemoral access approach between October 2018 and December 2019.

** 3.3% TAVI delivery system access site-related, 1.1% non-TAVI delivery system access site-related and 0.6% non-access site-related.



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EVERY ASPECT OF PORTICO WITH FLEXNAV WAS
DESIGNED TO HELP YOU PLACE THE VALVE
ON TARGET, EVERY TIME.

BUT IN CASE YOU NEED TO MAKE A
MOVE, REST ASSURED.

RECAPTURABLE*

REPOSITIONABLE*

RETRIEVABLE*



REORDERABLE

PORTICO™ TRANSCATHETER AORTIC VALVE

Catalog Number	Valve Size (mm)	Annulus Range (mm) ⁵	Area Range (mm ²) ⁶	Perimeter Range (mm) ⁶
PRT-23	23	19–21	277–346	60–66
PRT-25	25	21–23	338–415	66–73
PRT-27	27	23–25	405–491	72–79
PRT-29	29	25–27	479–573	79–85

FLEXNAV™ DELIVERY SYSTEM

Catalog Number	Equivalent Integrated Sheath Diameter (F)	Outer Diameter (mm)	Integrated Sheath Working Length (cm)	Delivery System Length (cm)	Minimum Vessel Diameter Requirement (mm)
FNAV-DS-SM	14	6.0	30	107	≥ 5.0
FNAV-DS-LG	15	6.3	30	107	≥ 5.5

FLEXNAV™ LOADING SYSTEM

Catalog Number	
FNAV-LS-SM	The FlexNav™ loading system facilitates valve preparation/loading onto the FlexNav™ delivery system. The loading system includes a loading funnel, loading base, base insert, loading tube, and leaflet tester.
FNAV-LS-LG	

Until fully deployed.

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TAVI REIMAGINED.**

**EXPERIENCE
REMARKABLE
DELIVERABILITY**

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TAVI SYSTEM

References: 1. Portico IFU. 2. Abbott Data on File. 90368819. 3. Abbott Data on File. 90346620. 4. Fontana GP, Bedogni F, Groh M, et al. Safety Profile of an Intra-Annular Self-Expanding Transcatheter Aortic Valve and Next-Generation Low-Profile Delivery System. J Am Coll Cardiol Intv 2020;13:2467-78. 5. Abbott Data on File. 90078060. 6. Abbott Data on File. 90066115.

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CAUTION: This product is intended for use by or under the direction of a physician. Prior to use, reference the Instructions for Use, inside the product carton for more detailed information on Indications, Contraindications, Warnings, Precautions and Adverse Events.

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Photos on file at Abbott.

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