



# DELIVERABILITY REDEFINED. TAVI REIMAGINED.

PORTICO™ WITH FLEXNAV™  
TAVI SYSTEM

Information contained herein for **DISTRIBUTION outside of the U.S. ONLY.**  
Check the regulatory status of the device in areas where CE marking is not the regulation in force.







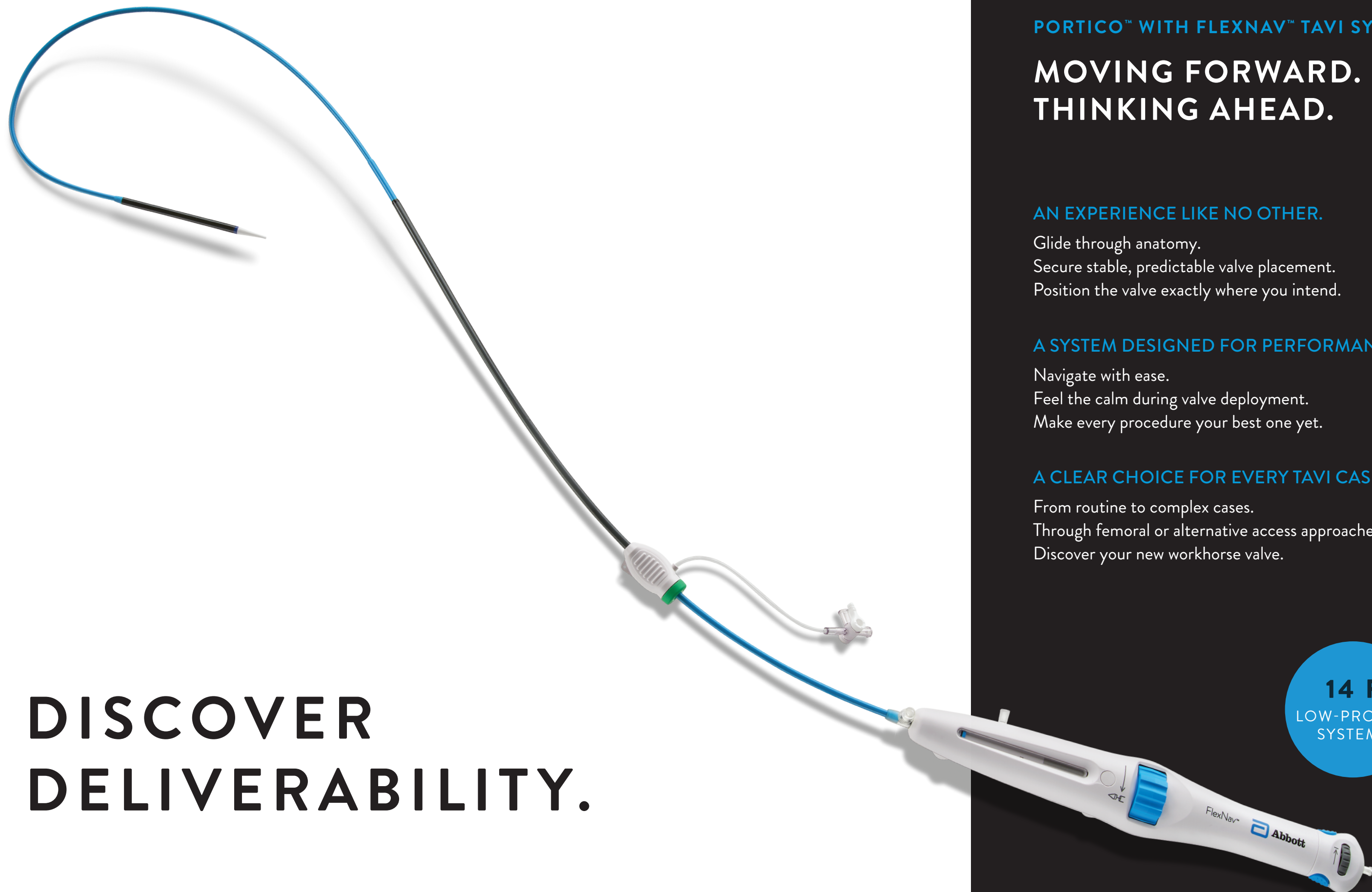
# TAKE CONTROL.

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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# DISCOVER DELIVERABILITY.

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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 exactly 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 or alternative access approaches.  
Discover your new workhorse valve.

**14 F**  
LOW-PROFILE  
SYSTEM\*1

\*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

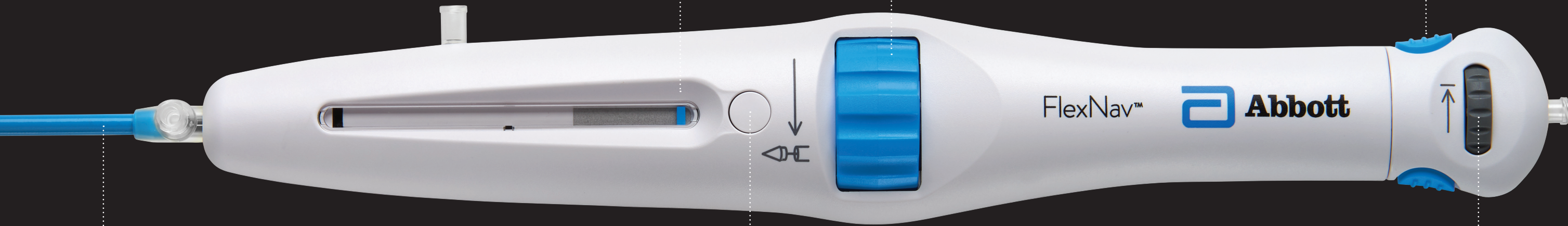
The stability layer ensures stable, predictable valve deployment to achieve accurate valve placement.

## 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 unique 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 remarkable flexibility and exceptionally smooth tracking.

### 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 REDUCES 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.<sup>2</sup>

4

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

5

INTEGRATED SHEATH FOR LOW 14 F DELIVERY PROFILE.<sup>1</sup>

<sup>1</sup>14 F equivalent integrated sheath diameter.

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CONTINUOUS  
HEMODYNAMIC  
STABILITY

# STABLE FROM THE START.

## 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.





# 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 OUTCOMES<sup>4</sup>:

**0%**

ALL-CAUSE MORTALITY

**0%**

DISABLING STROKE

**0%**

AKI III

**4%**

LIFE-THREATENING BLEEDING

**7%**

MAJOR VASCULAR COMPLICATIONS



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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) <sup>5</sup>	Area Range (mm <sup>2</sup> ) <sup>6</sup>	Perimeter Range (mm) <sup>6</sup>
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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## 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. PORTICO: a randomized trial of Portico vs. commercially available transcatheter aortic valves in patients with severe aortic stenosis. Poster presented at: TCT 2019. 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 (when available) or at [eifu.abbottvascular.com](http://eifu.abbottvascular.com) or at [medical.abbott/manuals](http://medical.abbott/manuals) 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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