

RELAY[®] PRO

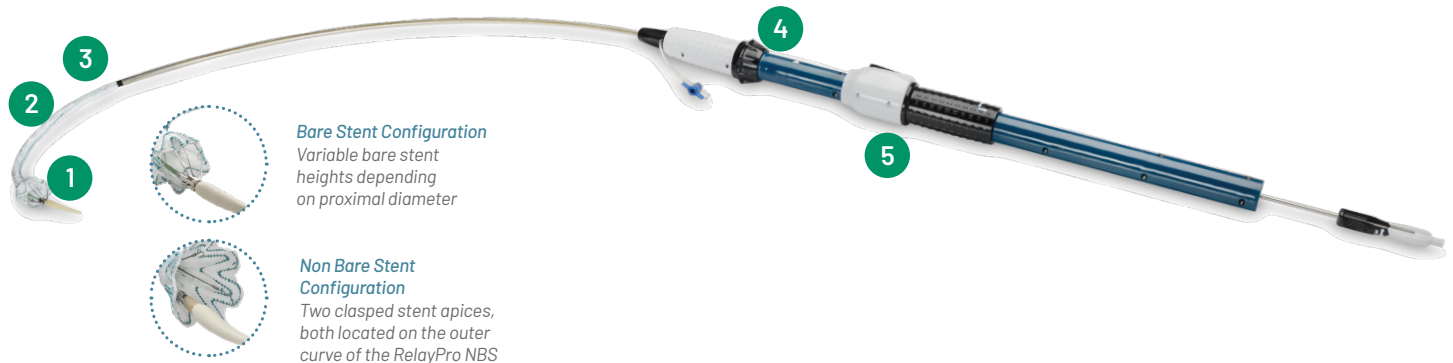
THORACIC STENT-GRAFT SYSTEM

Uniquely Inspired
for Ideal Placement



Achieving Precision with the RelayPro Delivery System for Accurate and Controlled Deployment

RelayPro employs a delivery system engineered to achieve a **perpendicular** positioning of the stent graft at the proximal landing zone, designed for **optimal apposition** at the inner curve.



Bare Stent Configuration
Variable bare stent heights depending on proximal diameter

Non Bare Stent Configuration
Two clasped stent apices, both located on the outer curve of the RelayPro NBS

“RelayPro’s ability to land accurately combined with its low profile will allow me to successfully treat complex anatomy with precision.”¹

- 1 Proximal Clasp**

 - ▶ **Repositioning** of the stent-graft for precise placement
 - ▶ **Facilitating** accurate and perpendicular deployment
- 2 Precurved inner catheter**

Conforms to the aortic arch designed for alignment of the stent-graft
- 3 Inner Sheath**

Allows for releasing the stent’s energy in phases, for more accurate placement of the stent-graft
- 4 Controller**

Allows for staged deployment enhancing control and accuracy in stent-graft placement
- 5 Mechanical Advantage**

Forward and backward gear system allows for small incremental movements of the stent-graft enhancing controlled delivery



WATCH
RelayPro
Deployment



WATCH
RelayPro NBS
Deployment

1. Wilson Y. Szeto, MD, Chief, Division of Cardiovascular Surgery, Hospital of the University of Pennsylvania-Penn Presbyterian - <https://evtoday.com/news/terumo-aortic-completes-enrollment-of-relaypro-united-states-pivotal-trial>
2. El Beyrouti et al. (2020). Early results of a low-profile stent-graft for thoracic endovascular aortic repair. *PLOS ONE*

Empowering Confidence in Deploying NBS Configuration

RelayPro NBS delivery system implements **two features** that have been designed for precise and safe proximal deployment, **minimizing birdbeak** and **retroflex** effects

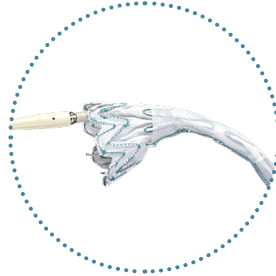
Two support wires* guide the inferior portion toward the inner aortic wall, keeping it aligned with the landing zone, **minimizing the risk of retroflex**



* NOTE: The support wires are only present in stent-grafts with proximal diameters of 32mm or greater.

100%
Accurate device deployment^{** ^ 2}

The **Flared End** configuration of the inner sheath allows partial expansion improving alignment and **preventing birdbeaking**



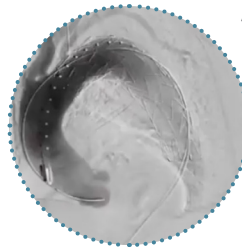
0%
Bird beak through 12 months^{** 3}

** These studies include all RelayPro with the NBS configuration being predominant

“Accurate deployment with favorable apposition even in hostile aortic arches contributed to low rates of early and mid-term complications.”^{2 ^}



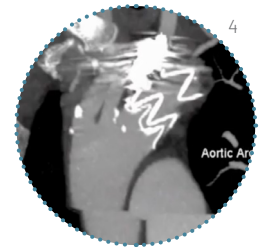
86 yo, PAU/focal dissection in the DTA



Final Angio after RelayPro NBS implant



Post Operative CT-SCAN



[^] The RelayPro indications for use will vary by region. Note that in the US and Canada, RelayPro is only indicated for treatment of the DTA and not specifically indicated for IMH. Always consult IFU.

³ Rossi et al. (2024). One-Year Results of a Low-Profile Endograft in Acute, Complicated Type B Aortic Dissection. *The Annals of Thoracic Surgery*

⁴ Case images courtesy of Wilson Y. Szeto, Chief, Division of Cardiovascular Surgery, Hospital of the University of Pennsylvania-Penn Presbyterian, <https://www.vumedi.com/video/relaypro-thoracic-stent-graft-features-to-clinical-practice/>



Discover solutions for every segment of the aorta
[terumoaortic.com](https://www.terumoaortic.com)



LinkedIn



VuMedi



X