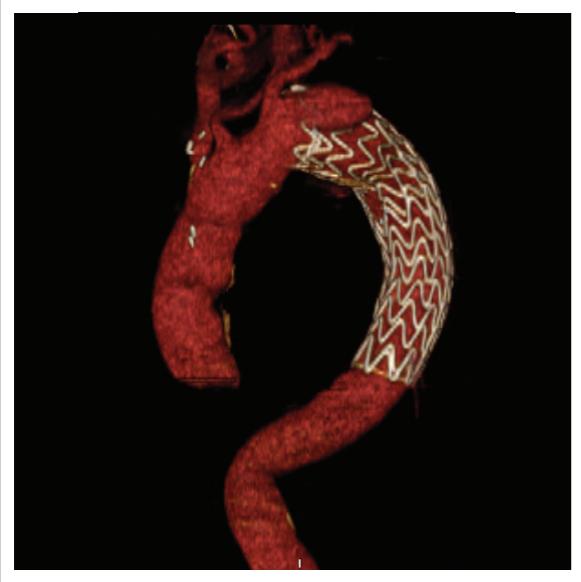


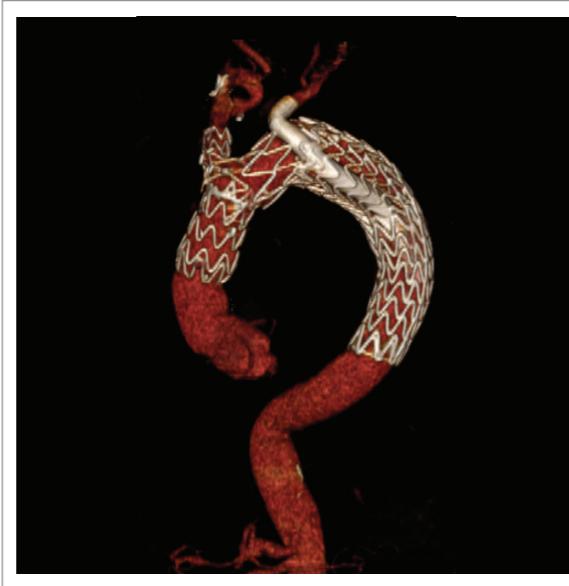
## NEXUS™ Clinical Experience

The Nexus™ procedure is gaining clinical experience worldwide via a European Endospan-sponsored study and Compassionate Use cases. Various disease morphologies have been treated with the Nexus, including distal ascending, isolated, pseudoaneurysms, and residual dilations following open repair.

Pre Procedure



6 Month Follow Up



(Courtesy of Prof. Dr. Mario Lachat, M.D., University Hospital, Zurich, Switzerland)

## Features & Potential Benefits

- Transforms a complex arch open repair into a TEVAR procedure
- Innovative design generates anatomical fixation @ BCA origin
- Endograft intended to exclude arch lesion while maintaining perfusion to descending aorta, supra-aortic arteries throughout procedure
- Increased intra-procedural and long-term stability attributable to unique structural design
- Intra-procedural stability facilitated by the through-and-through delivery system
- Minimizes manipulation in native arch



**Endospan** develops an innovative array of treatments for aneurysms and dissections throughout the aorta. Endospan has an EN ISO-13485:2012 approved quality system, accredited by DEKRA.

Maskit St. 4, Herzlia Business Park, Herzlia, ISRAEL 46733  
Tel: +972-97884490 | [info@endospan.com](mailto:info@endospan.com) | [www.endospan.com](http://www.endospan.com)

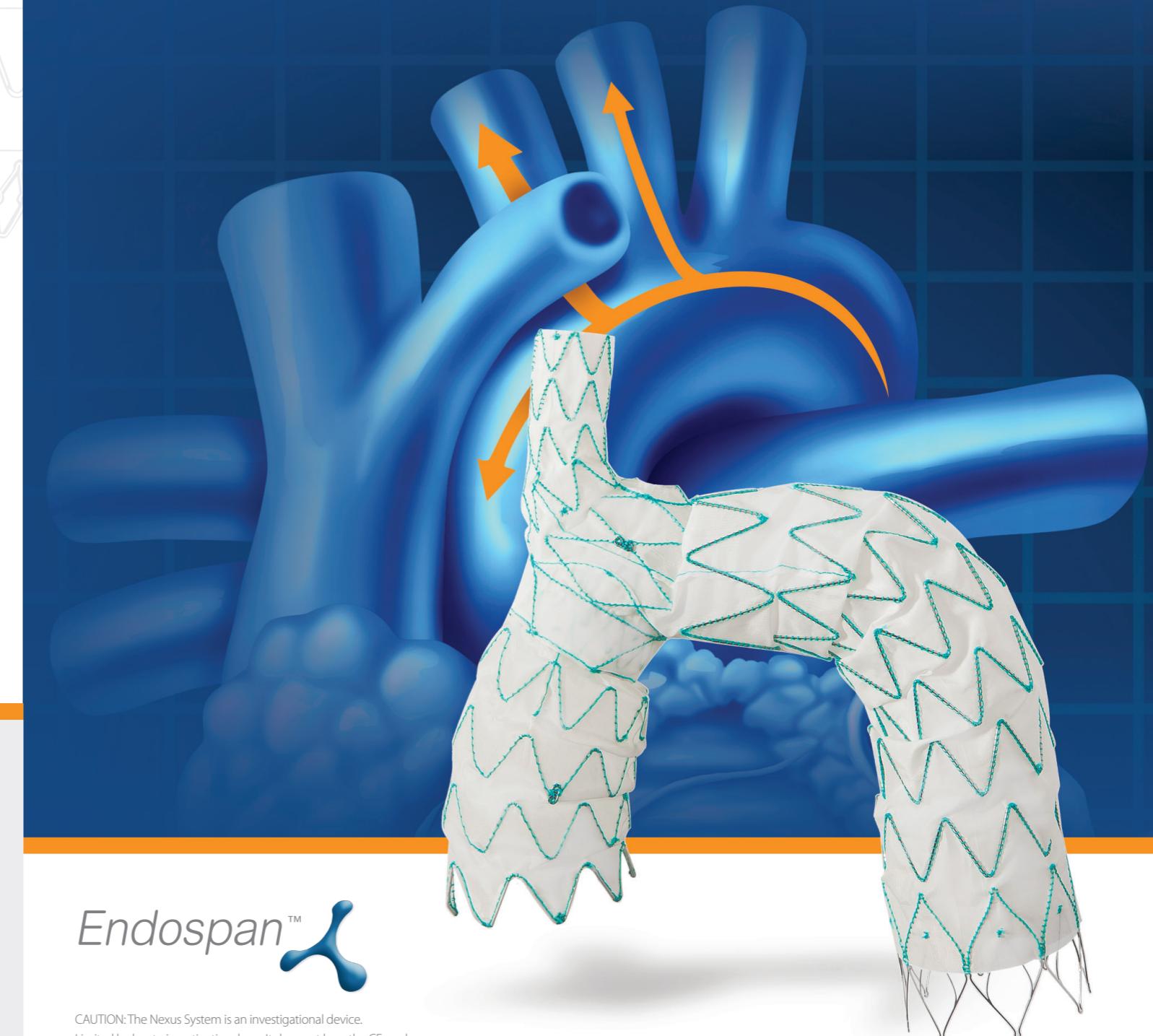
CAUTION: The Nexus System is an investigational device.  
Limited by law to investigational use. It does not bear the CE mark.

NEXUS™



*Endovascular Repair  
for the Aortic Arch*

Off-the-Shelf, 20 Fr. Stent Graft System



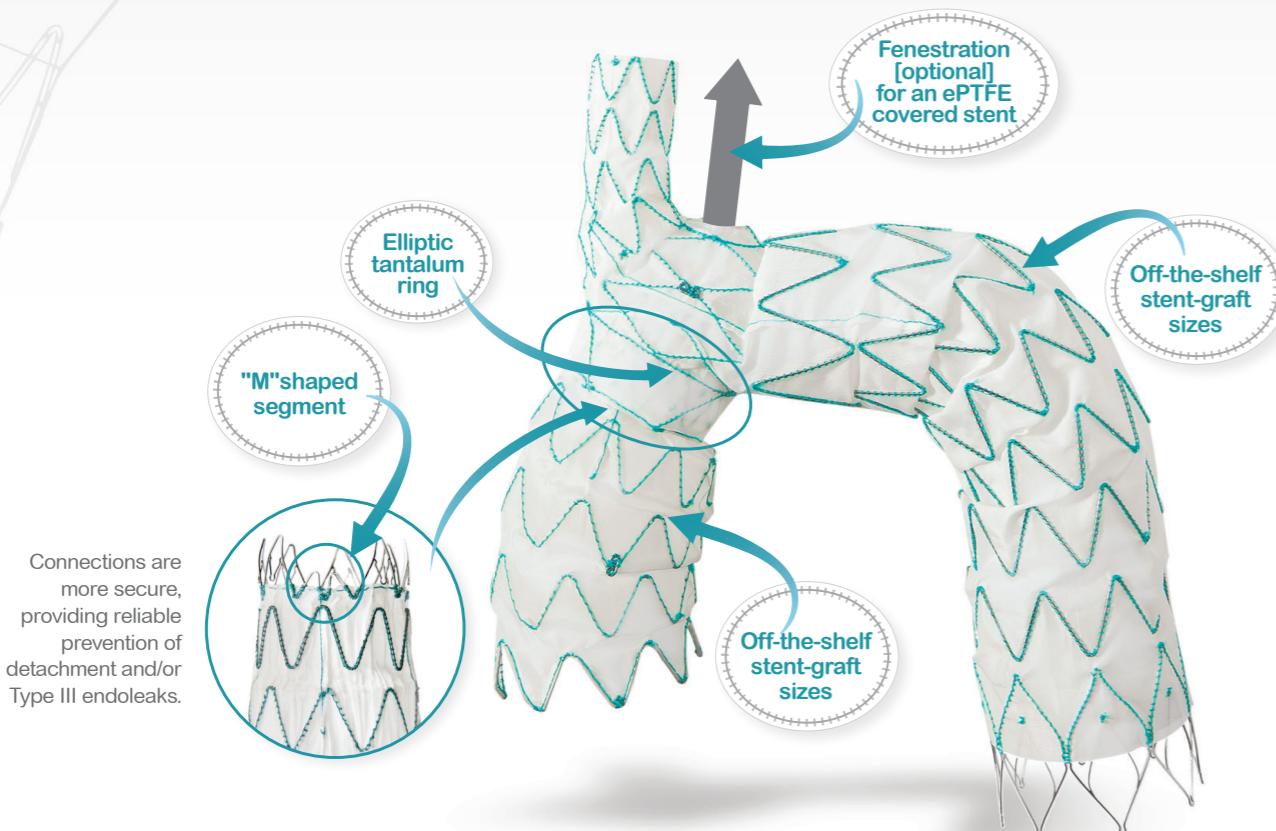
## NEXUS™ Endovascular Repair for the Aortic Arch

### Off-the-Shelf, 20 Fr.

Endospan's NEXUS™ breathes new life into the treatment of aortic arch pathologies, transforming it into a minimally invasive endovascular repair. The unique modular design with its 20Fr OD crossing profile, as flexible as modern technology allows, expands the range of eligible patients.

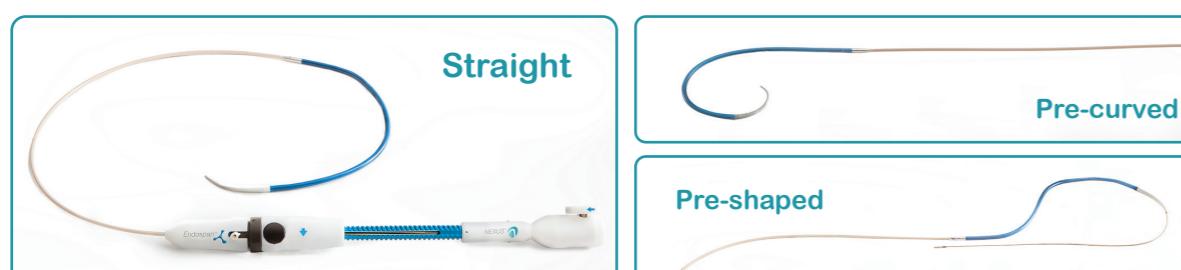
- Lesion excluded while maintaining perfusion to descending aorta and supra-aortic branches.
- Revolutionary geometric design generates intra-procedural fixation and long-term stability, while reducing arch manipulation.
- Expected to reduce complications and post-op recovery time.

### The NEXUS™ Stent Graft System



### NEXUS™ Unique Delivery System

Endospan has developed a set of 20Fr, hydrophilic, delivery systems with various curvature designs (straight, pre-curved, pre-shaped). The unique design aids in the passage through the complex anatomical structure of the Aortic arch.



## Physician Training on a Patient Specific Elastomeric Model

Endovascular Aortic Arch repair presents a substantial challenge for even the most experienced physicians due to varying morphologies and unique anatomical structures. As a result, Endospan has developed a physician-training procedure, which includes the manufacturing of a patient specific elastomeric model, placed in a flow simulator, which allows the physician to imitate the entire procedure, prior to the actual implantation. This tool allows the surgical team to better plan the procedure, identify specific challenges and key procedural landmarks.

### Modeling process- From CT to Physician Training

