

MEDIA BACKGROUND

ABOUT ENDOSPAN

Endospan is focused on providing a total endovascular solution for aortic arch repair for cardiovascular and vascular surgeons.

Privately held Endospan, headquartered in Herzlia (Tel Aviv), Israel, is a pioneer in the endovascular repair of aortic arch disease including aneurysms and dissections.

THE UNMET NEED

A thoracic aortic aneurysm is a weakened area in the aorta, which is the major blood vessel that feeds blood to the body.

TAAAs are serious health risks because they can burst or rupture and cause severe internal bleeding, which can rapidly lead to shock or death.

An aortic arch aneurysm is a bulge in the portion of the aorta closest to the heart. The arch can also be affected by acute aortic dissections, intramural hematoma, and penetrating aortic ulcers.

More than 120,000 patients suffer thoracic aortic arch disease every year in the USA and Europe, with only about 25% diagnosed or treated.

Despite significant advancements, open surgical aortic arch repair has high mortality and complication rates.

Cardiac and vascular surgeons have limited options for minimally endovascular repair because of the complexity of the arch.

THE NEXUS SOLUTION

NEXUS is the first and only CE-approved off-the-shelf device branched endovascular aortic arch system.

NEXUS was specifically engineered for total endovascular arch repair to overcome the challenges of the aortic arch anatomy.

It is approved to treat a wide range of aortic pathologies, including arch aneurysms, thoracic dissections, and penetrating atherosclerotic ulcer (PAU).

NEXUS is designed to make minimally invasive, durable repair possible for more patients while reducing the risks of stroke, endoleak and migration.

Surgeons want to know that when they perform an aortic arch repair, the device will seal the aneurysm, be stable and stay in place.

NEXUS “dock and lock” system allows for this stable and secured anatomical anchoring and atraumatic sealing.

The design of the system also streamlines the placement procedure, which allows for more consistency and reliability.

PRODUCT IMAGES

The following images are available for download

[Link to NEXUS Aortic Arch Stent Graft System image](#)



[Link to NEXUS logo](#)

