

# Transforming AAA Therapy

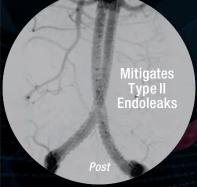
Nellix® is the first and only system that treats abdominal aortic aneurysms by sealing the entire aneurysmal sac. Nellix® is designed to eliminate the failure modes and complexity of conventional stent grafts.

# Nellix® is designed to provide the following benefits:

- Treat more patients
- Simplify procedure planning
- Reduce secondary interventions



72-year-old male with 5.5 cm infrarenal AAA



Complete seal of AAA sac with Nellix® device and absence of lumbar arteries upon completion angiogram



## Treat More Patients







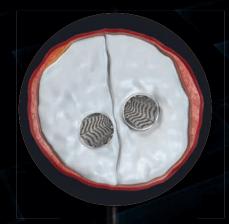
## **Indications for Use**

- Aortic neck angulation ≤60°
- Minimum non-aneurysmal aortic neck length ≥10 mm
- Aortic neck diameter 18-32 mm\*
- Iliac artery diameter 9-35 mm\*
- Aneurysm blood lumen ≤60 mm

\*For 10 mm diameter stents

## A New Paradigm in AAA Therapy

Nellix® employs stent and polymer-filled endobags — unlike EVAR, where endografts are built in vivo.



### **Polymer**

Polyethylene Glycol (PEG)-based biocompatible and biostable two-part solution mixture. Fills endobags to seal the entire aneurysm and cures in less than 10 minutes. Long-term 5 year performance established with bench, preclinical and CE clinical study.<sup>2,3</sup>



#### **Stents**

Balloon-expandable ePTFE-covered CoCr alloy stents.

#### **Endobags**

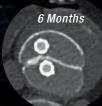
Durable and biostable polyurethane. Oversized to flow lumen and conformable to seal the entire aneurysm.

### Visualization of Nellix® Implant on Follow-up

Nellix® implant features are readily visible for long-term surveillance with CT









The Nellix® EndoVascular Aneurysm Sealing System is not approved by COFEPRIS in Mexico.



# Simplify Procedure Planning

Nellix® simplifies AAA case planning and procedures with minimal product selection parameters and more predictable procedure times.<sup>4</sup>

### **Key Procedure Deployment Steps**



visualize anatomy.



Establish stent flow lumens.



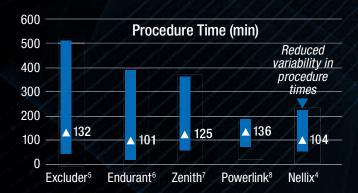
Prefill endobags with saline and confirm seal with angiogram.



Seal entire aneurysm with polymer.

Reduced inventory with only 9 product codes that cover the entire indication

#### More Predictable Procedure Times

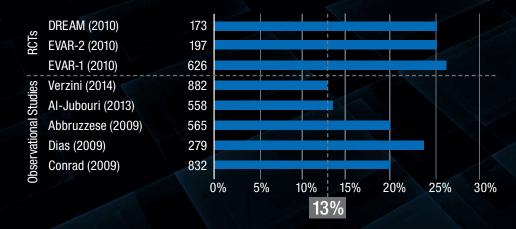


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## Designed to Reduce Secondary Interventions

Nellix® has demonstrated positive clinical outcomes by mitigating some of the key issues with EVAR including implant migration, endoleaks and secondary interventions.

# At Least 1 in 8 Patients Treated with EVAR will Undergo Secondary Intervention Within 5 years<sup>9-16</sup>



**Endoleaks are the Leading Cause of Secondary Interventions** 

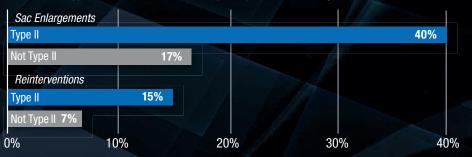
of reinterventions after EVAR are due to endoleaks<sup>13</sup>

~9-30% observed incidence of Type II endoleaks after EVAR<sup>17</sup>



#### **Patients With Endoleaks Have Worse Outcomes**

Patients with Type II endoleaks are twice as likely to experience sac enlargements or reinterventions<sup>18</sup>



## Secondary Interventions Are Costly<sup>19</sup>

5-Year Cumulative Follow-up Costs Per Patient



# FORWARD

Endologix is continuing to build clinical evidence with the EVAS Forward Global Registry (up to 300 patients at up to 30 sites) and US IDE trial (up to 180 patients at up to 30 sites).

#### **Product Codes**

#### Catheter

<b>Model Number</b>	Product Name	Size
N10-100	Nellix Catheter	10 mm x 100 mm
N10-110	Nellix Catheter	10 mm x 110 mm
N10-120	Nellix Catheter	10 mm x 120 mm
N10-130	Nellix Catheter	10 mm x 130 mm
N10-140	Nellix Catheter	10 mm x 140 mm
N10-150	Nellix Catheter	10 mm x 150 mm
N10-160	Nellix Catheter	10 mm x 160 mm
N10-170	Nellix Catheter	10 mm x 170 mm
N10-180	Nellix Catheter	10 mm x 180 mm
Accessories		
<b>Model Number</b>	Product Name	Size
NX-001	Nellix Accessory Kit	N/A
NP-001	Nellix Polymer Dispenser	N/A
NP-002	Nellix Polymer	40 ml

#### **Innovation that Empowers**

One of the fastest-growing, publically traded cardiovascular companies in the world, Endologix is the leading innovator in the treatment of life-threatening aortic aneurysms. By developing and manufacturing minimally invasive solutions that enable aneurysm sealing, Endologix empowers physicians to treat patients with the latest advancements in medical technology.

#### www.endologix.com/nellix

For Nellix® EndoVascular Aneurysm Sealing System, prior to use, refer to the "Instructions for Use" for complete and specific indications, contraindications, all warnings and precautions. Rx only.

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- 16. Conrad, M. F., et al. (2009). "Secondary intervention after endovascular abdominal aortic aneurysm repair." Ann Surg 250(3): 383-389.
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- $19. \ Noll \ RE, \ et. \ al. \ Long-term \ post \ placement \ cost \ after \ endova scular \ aneurysm \ repair. \ J \ Vasc \ Surg \ 2007; 46:9-15$

