

A Better Fit For Today's Real World Patients

First Customizable Drug Eluting Stent (DES) System in Clinical Trials

- Custom NX is designed to enable a more personalized approach to coronary artery disease based on each patient's individual lesion characteristics.
- With Custom NX, physicians can "custom-size" the length and diameter of the stent at the site of the lesion.
 - Stent segments are delivered in 6 mm increments and may be used in combination to deliver up to 60 mm of continuous stent.
- The unique modular interdigitated design of the Custom NX stent is designed to allow an artery to retain more of its natural shape and curvature.
 - Rigid stent designs can result in vessel straightening. Changes in artery shape following stent procedures are associated with major adverse cardiac events.

One Device Designed to Treat Single, Long and Multiple Lesions

- Custom NX allows physicians to treat single, multiple, or long lesions with one device. After the first stent deployment, the Custom NX system can be reset and used to treat additional lesions. Physicians can also shorten, reposition and reinflate the delivery balloon at the treatment site for post-dilatation if necessary. Current generation DES platforms require multiple stents, balloons and catheter exchanges.
- This approach is designed to improve ease of use and enhance placement accuracy while minimizing inventory requirements and procedure planning.

Designed to Address Today's DES Safety Concerns

- The Custom NX DES System's drug carrier is biodegradable, which may facilitate improved arterial healing and long term safety.
- Custom NX is designed to avoid the need to overlap stents to treat long lesions. Overlapping stents have been associated with an increase in delayed endothelialization, stent thrombosis, aneurysm formation and stent fracture.
- The Custom NX's delivery system has a hydrophilic coated sheath to protect the stent and drug and enhance deliverability and ease of use.

Custom NX[®] Advanced DES Systems

True Next-Generation Technology

- **Stent:** Cobalt chromium, up to 60mm total stent length
- **Delivery System:** Sheath protected, adjustable length balloon, allows for multiple stent deployments without device exchange
- **Drug Coating:** Biolimus A9[®] (Biosensors International) and biodegradable carrier (PLA), targeted asymmetric coating

In Situ Customization Provides Personalized Solution

Once inside the artery, the physician can customize the stent length based on lesion size



Custom NX is designed to:

- Decrease procedure time, complexity and cost
- Lower radiation exposure for patient and physician
- Enable treatment of long lesions without stent overlap
- Decrease risk of stent placement errors