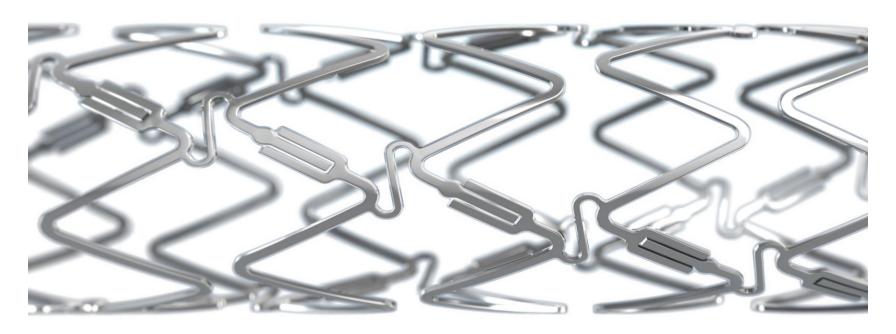
# DynamX Coronary Bioadaptor

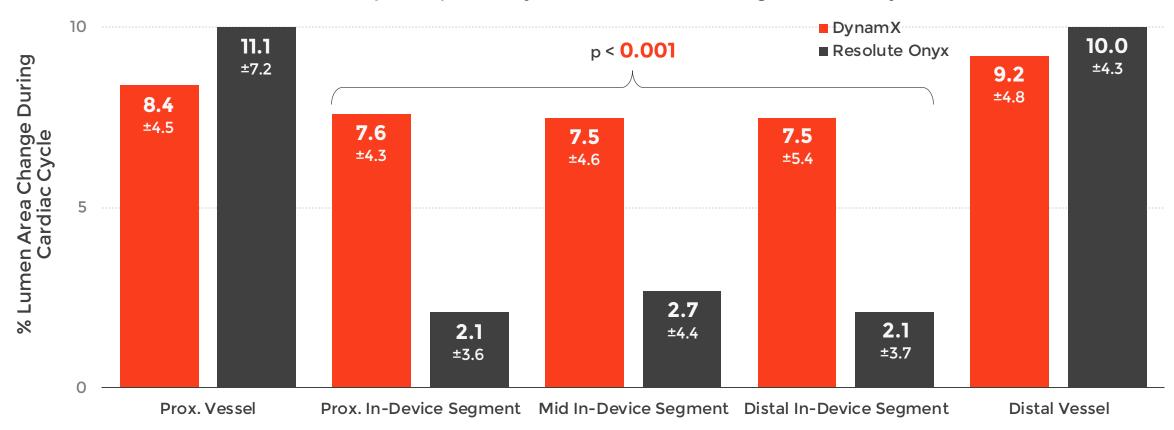
Uniquely integrated elements designed to deliver **Triple Stage Therapy** 



### DynamX restores pulsatility

#### At 12-months: DynamX bioadaptor uniquely uncaged

to deliver superior pulsatility and lumen area changes with every heartbeat vs DES1

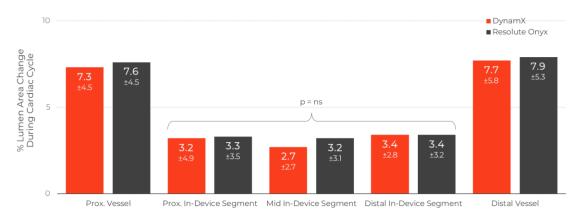


Findings from paired imaging analysis. Lumen area changes measured by stationary IVUS across at least 3 cardiac cycles (n=46 DynamX; n=46 DES). DES = drug-eluting stents. IVUS = intravascular ultrasound. ns = not significant.

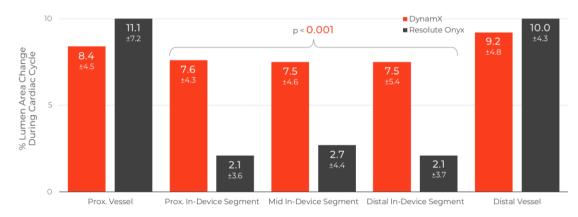
<sup>1.</sup> Saito, S, et al. First randomised controlled trial comparing the sirolimus-eluting bioadaptor with the zotarolimus-eluting drug-eluting stent in patients with *de novo* coronary arty lesions: 12-month clinical and imaging data from the multi-centre, international, BIOADAPTOR-RCT. The Lancet Nov 2023; 1-13.

# Vessel pulsatility restored with DynamX bioadaptor

#### Post Implant Pulsatility was Constrained in Both Arms Post Implant Lumen Area Change

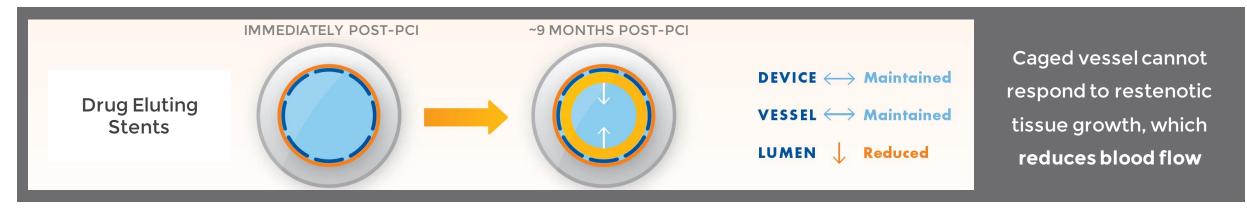


#### Pulsatility at 12 Months Restored in DynamX 12-Month Lumen Area Change



### Restores positive adaptive remodeling

#### A CORONARY VESSEL NATURALLY UNDERGOES POSITIVE ADAPTIVE REMODELING



DYNAMX

DYNAMX

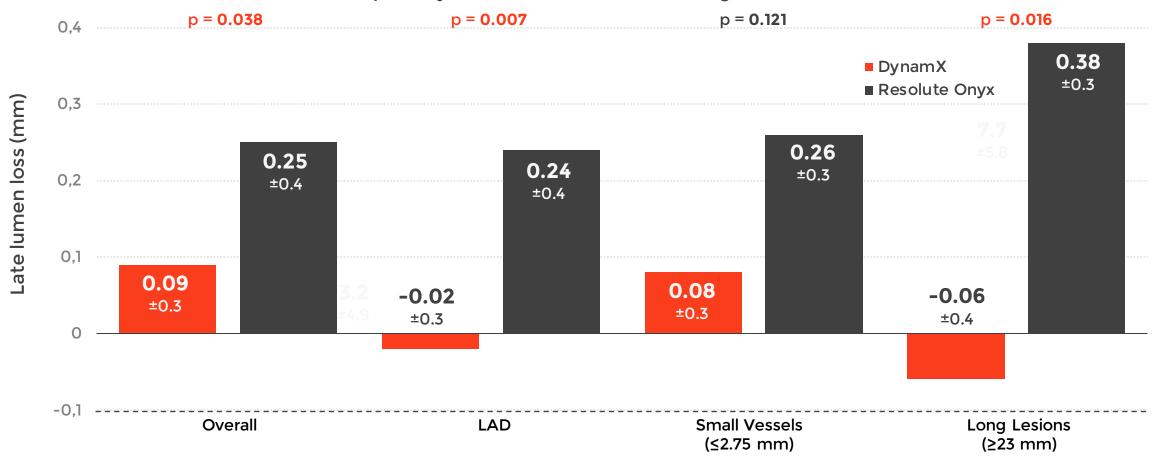
| DEVICE | Increased | Vessel | Increased | LUMEN | Maintained | Device | Continued |

Uncaging enables the vessel and device area to increase, preserving lumen area and blood flow over time

## DynamX restores positive adaptive remodeling

#### Significantly lower late lumen loss in overall cohort & subgroups

especially in vessels and lesions at high risk of restenosis<sup>1</sup>



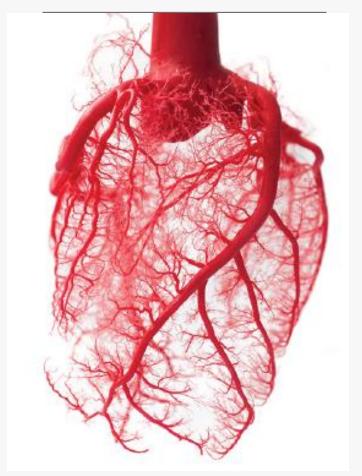
<sup>1.</sup> Saito, S, et al. First randomised controlled trial comparing the sirolimus-eluting bioadaptor with the zotarolimus-eluting drug-eluting stent in patients with *de novo* coronary arty lesions: 12-month clinical and imaging data from the multi-centre, international, BIOADAPTOR-RCT. The Lancet Nov 2023; 1-13.

## DynamX flow effect: Increase in blood flow with every heartbeat

#### **PULSATILITY**

7.5%

In-device % increase in lumen area: 2.7% (±2.7) post-procedure and 7.5% (±4.6) at 12 months for Dynamx<sup>1</sup>



**BLOOD FLOW** 

16.7%

Blood flow increase per heartbeat: 6.5% (±0.6) post-procedure and 16.7% (±1.3) at 12 months for Dynamx<sup>1</sup>

Findings from paired imaging analysis. Lumen area changes measured by stationary IVUS across at least 3 cardiac cycles (n=46 DynamX; n=46 DES). DES = drug-eluting stents. IVUS = intravascular ultrasound. ns = not significant.

Saito, S, et al. First randomised controlled trial comparing the sirolimus-eluting bioadaptor with the zotarolimus-eluting drug-eluting stent in patients with *de novo* coronary arty lesions: 12-month clinical and imaging data from the multi-centre, international, BIOADAPTOR-RCT. The Lancet Nov 2023; 1-13.