# : **\**7 : **1**^°

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Bioadaptor	Bioadaptor Length (mm)						
Diameter (mm)	14	18	23	28	32	38	
2.25	VCR2214	VCR2218	VCR2223	VCR2228	VCR2232	VCR2238	
2.5	VCR2514	VCR2518	VCR2523	VCR2528	VCR2532	VCR2538	
2.75	VCR2714	VCR2718	VCR2723	VCR2728	VCR2732	VCR2738	
3.0	VCR3014	VCR3018	VCR3023	VCR3028	VCR3032	VCR3038	
3.5	VCR3514	VCR3518	VCR3523	VCR3528	VCR3532	VCR3538	

1. 2.25mm - 3.0mm are 71µm thick. Company Data on File at Elixir Medical.

- 2. DynamX Mechanistic Clinical Study, PCR 2020.
- 3. DynamX Mechanistic Clinical Study Case Example.
- 4. Gyongyosi et al, JACC 2000; 35-1580.

Elixir Medical is transforming the standard of care in percutaneous coronary intervention (PCI) with the break-through DynamX Bioadaptor system.

Elixir Medical Corporate Headquarters 920 N. McCarthy Blvd Milpitas, CA 95035 USA +1.408.636.2000 info@elixirmedical.com www.elixirmedical.com

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#### CORONARY BIOADAPTOR SYSTEM



**INNOVATION FOR LIFE®** 

## **DESIGNED TO ADAPT TO VESSEL PHYSIOLOGY**

is an **innovation in coronary intervention** that is designed to treat blocked coronary arteries. drug-eluting stent (DES) with strength while the vessel heals. Over six months the polymer is resorbed, releasing the uncaging elements to safely allow for positive adaptive remodeling and restoration of vessel function.



## DYNAMX

## **RESTORES VESSEL FUNCTION**

#### **KEY FEATURES**

- >> Novel uncaging elements
- >> Bioresorbable polymer coating
- Elutes low dose Novolimus ove
  3 months
- >> Thin cobalt chromium 71 µm strut<sup>1</sup>
- >> Excellent deliverability<sup>1</sup>
- >> Thin and uniform neointimal coverage<sup>2</sup>

**UNCAGING ELEMENT** 



#### **UNIQUE UNCAGING**

- Designed to adapt to vessel physiology maintains the ability for positive adaptive remodeling, restores vessel function and allows for return towards baseline angulation
- >> Unlike conventional DES that permanently cage the coronary artery, the DynamX polymer coating resorbs over six months to safely disengage the uncaging elements

#### **PHYSIOLOGICAL RESPONSIVENESS**

>> DynamX Bioadaptor allows for normal vessel pulsatility and motion<sup>3</sup>



Stationary OCT; Clinical Case Example

### **RETURN TOWARDS BASELINE ANGULATION**

#### DYNAMX BIOADAPTOR CAN MITIGATE LONGITUDINAL STRAIGHTENING BY RETURNING VESSELS TOWARD BASELINE ANGULATION<sup>2</sup>

>> Longitudinal straightening has been shown to contribute to MACE<sup>4</sup>



Clinical Case Example<sup>3</sup>

## **POSITIVE ADAPTIVE VESSEL REMODELING**



#### **DYNAMX MECHANISTIC CLINICAL STUDY**

9 & 12 Months (n=38)<sup>2</sup>

IVUS Parameter	Post-Procedure	9 & 12 Month Follow-up	Change from Post-Procedure	<b>P Value</b> (p=<0.05)
Mean Vessel Area (mm²)	14.11 ± 2.99	14.54 ± 3.12	3%	0.0170
Mean Bioadaptor Area (mm²)	7.39 ± 1.20	7.74 ± 1.46	5%	0.0005
Mean Lumen Area (mm²)	7.39 ± 1.20	7.36 ± 1.31	0%	0.5940