

At each step of your patient's healing journey

# Arterial Healing is a Journey



## BIOMATRIX

# We're at each step of your patient's healing journey

**Haemostasis** 

Inflammation

Proliferation





BIODEGRADABLE POLYMER



ABLUMINAL COATING



Remodelling

#### BIOMATRIX FAMILY

## Bridging science and innovative technology for optimised arterial healing

### The **BIOMATRIX FAMILY** favourably influences local wound healing processes<sup>1-4</sup>



### The BIOMATRIX FAMILY is tailored to cover the healing journey of your patients<sup>2,8-12</sup>

In vivo Presence of BA9 and Biodegradation of PLA with Wound Healing Cascade Overlay<sup>†</sup>

![](_page_2_Figure_6.jpeg)

![](_page_3_Picture_0.jpeg)

### Designed to match the wound healing journey of real-world patients

The BIOMATRIX FAMILY offers added reassurance for a wide range of patient profiles, including potentially slow healers

> Localised anti-restenotic therapy for at least six months<sup>2</sup>

- Every patient heals differently and it's not always possible to predict how long a particular patient will need anti-restenotic therapy
- Available data suggest that many DES-related lesions are likely to take more than 3 to 4 months to heal completely<sup>9-12</sup>

#### **Predictors of slower wound healing include:**<sup>13-16</sup>

- ► More severe CAD (e.g. ACS vs stable CAD)
- ► Chronic disease (e.g. PVD, cancer, diabetes)
- Immunocompromising conditions
- ► Older age

- Certain medications (e.g. glucocorticoids, NSAIDs, chemotherapy)
- Poor nutritional status
- ► Obesity
- Smoking & alcoholism

#### **Proven broad-spectrum efficacy**<sup>17-19</sup>

Efficacy extends to patients with severe CAD (e.g. ACS, multi-vessel disease, etc.), as well as individuals with diabetes:2,17,18

#### **Outcomes in complex patients across clinical studies**

![](_page_3_Figure_18.jpeg)

Data from LEADERS study; an 'all-comers' study, in which patients with stable CAD or an ACS were randomized to receive either a BIOMATRIX stent (n=857) or a sirolimus-eluting stent (SES, with durable polymer; n=850). $^{17,18}$ Data from the COMFORTABLE AMI study, in which 1161 patients with ST-segment-elevation MI and undergoing primary PCI were randomized to receive either a BIOMATRIX stent or a bare metal stent.<sup>19</sup>

### BIDMATRIX FAMILY The preferred choice of DES for your patients

Many DES-related vessel lesions take more than 3 to 4 months to completely heal<sup>9-12</sup>

## The BIOMATRIX FAMILY favourably influences local wound healing processes

- ► Highly localised delivery of anti-restenotic BA9<sup>™</sup> for at least six months<sup>14</sup>
- Degradation of specifically designed PLA polymer to lactate, which has the potential to facilitate wound healing<sup>2,6,7</sup>

#### The BIOMATRIX FAMILY has proven efficacy in a broad range of patient types, including complex patients<sup>17-19</sup>

# We're with your patients from start to finish

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![](_page_4_Picture_11.jpeg)

BIOSENSORS EUROPE SA Rue de Lausanne 29 1110 Morges Switzerland Tel : +41(0)21 804 80 00 Fax: +41(0)21 804 80 01 BIOSENSORS INTERVENTIONAL TECHNOLOGIES PTE LTD 36 Jalan Tukang Singapore 619266 Tel : +65 6213 5777 Fax: +65 6213 5737

11447-000-EN - Rev.01