

# Reinforcing Tissue Reinforcing Results



ARTIVION

**BioGlue®**  
Surgical Adhesive

# REINFORCING WHY BIOGLUE IS THE **GOLD STANDARD** IN CARDIAC SURGERY\*\*

- The strongest surgical sealant on the market<sup>1</sup>
- BioGlue has been used in over 2.5 million procedures worldwide<sup>2</sup>
- Over 500 published clinical and preclinical papers<sup>3</sup>

## Application Technique<sup>4</sup>



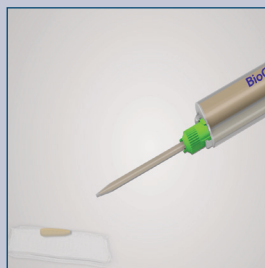
### 1. De-air

remove all air from the syringe



### 2. Dry

the target site (by suction and/or gauze)



### 3. Prime

the syringe



### 4. Apply

a thin layer in a low and steady manner



### 5. Wait

2 minutes for full strength

# Strength Where You Need It

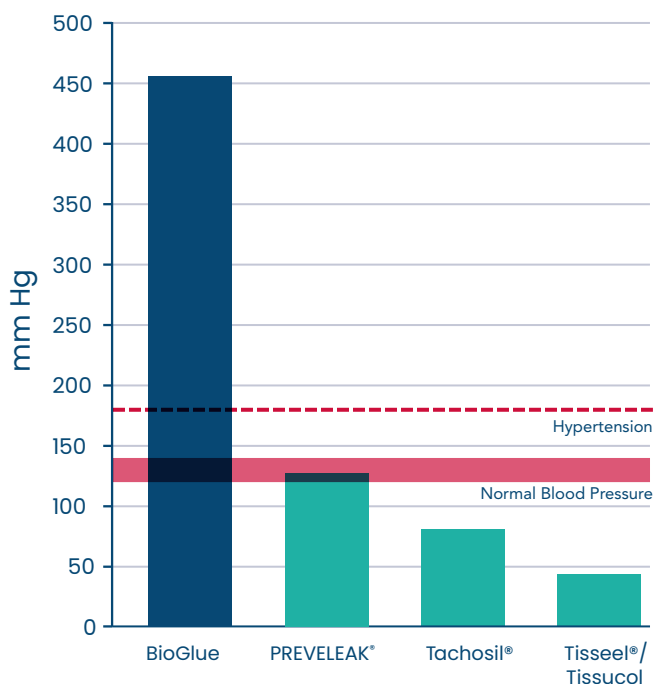
## BioGlue

THE ONLY SURGICAL SEALANT  
APPROVED TO SEAL, ADHERE, AND  
REINFORCE TISSUE.<sup>5</sup>



Artery burst tests show BioGlue is significantly stronger than  
PreveLeak, Tachosil, and Tisseel/Tissucol<sup>6</sup>

### Burst Strength<sup>6</sup>



- Can save time in the operating room by reducing cross clamp time, circulatory arrest time, and bypass time<sup>7</sup>
- Can save blood products by reducing the use of platelets, plasma, and blood cells<sup>7</sup>
- In cardiac and vascular anastomotic repair procedures where BioGlue was used, studies show a decrease in ICU, hospital stay, and pledget usage<sup>7</sup>

# Add A Tight Seal To All Your Anastomoses

## AMDS™ Hybrid Prosthesis\*

SIMPLY ELEVATES THE  
STANDARD OF CARE  
FOR ATAAD.<sup>8</sup>

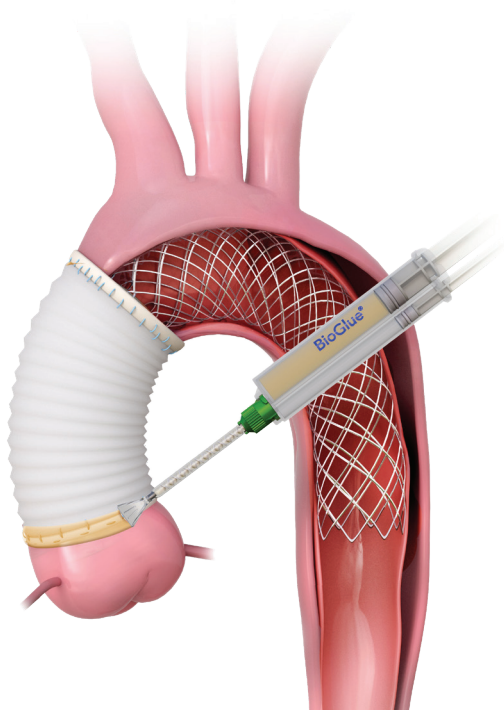
- Prevents Distal Anastomotic New Entry (DANE) formation
- Resolves malperfusion and induces positive remodeling
- Large stent cell design provides uninhibited flow to supra-aortic vessels

## E-vita® Open Neo

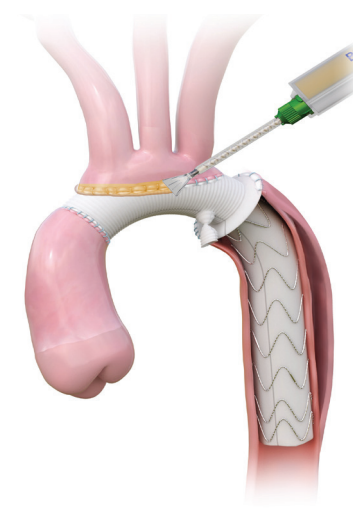
NEXT GENERATION FET  
DEVICE FOR TOTAL ARCH  
REPLACEMENT.

- Highly versatile system with 3 configurations enabling zone 0 to zone 3 collar anastomosis
- Z-stent design providing the right balance between flexibility and radial force, even in acute dissections

After each anastomosis, dry the area and apply a thin layer of BioGlue<sup>4</sup>

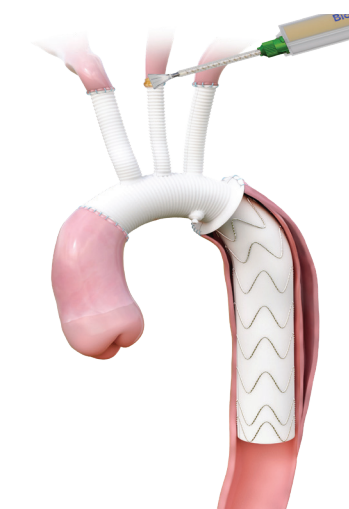


Acute DeBakey Type I Dissection



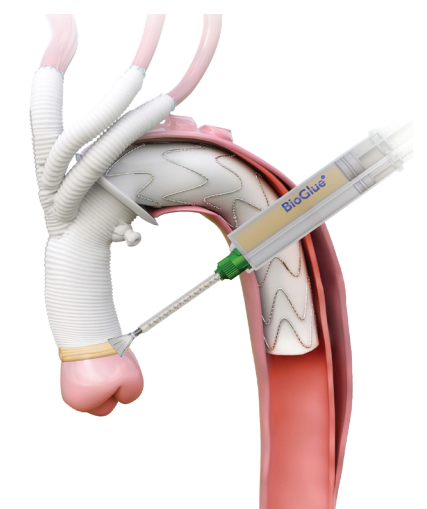
**STRAIGHT**

Island Technique



**BRANCHED**

Sequential Anastomoses



**TRIFURCATED**

Sequential Anastomoses

DeBakey Type I and III Dissection, and Aneurysms

# ARTIVION™

Learn more at **artivion.com**

#### References:

1. Murdock, M., et al, Cytocompatibility and mechanical properties of surgical sealants for cardiovascular applications, J. Thoracic and Cardiovascular Surgery, 157:1, 176-83 (2019). 2. Based on internal sales data 3. Internal BioGlue Clinical Publications and Presentation Bibliography, current as of 30 Nov 2020. 4. BioGlue IFU L6313. 5. FDA Summary of Safety and Effectiveness, CryoLife, Inc., BioGlue® Surgical Adhesive, available at [https://www.accessdata.fda.gov/cdrh\\_docs/pdf/P010003b.pdf](https://www.accessdata.fda.gov/cdrh_docs/pdf/P010003b.pdf). 6. Based on internal test data in LAB NOTEBOOK #CSW01, Burst Pressure Comparison of BioGlue® Surgical Adhesive and Various Adhesives and/or Sealants, Test #RD01118, July 2015. 7. Chao, H., et al, BioGlue: Albumin/Glutaraldehyde Sealant in Cardiac Surgery, J. of Cardiac Surgery, 18:6, 500-03 (2003). 8. Bozso, S., et al, Midterm Outcomes of the Dissected Aorta Repair Through Stent Implantation Trial, Annals of Thoracic Surgery, 111:2, 463-70 (2021).

\*Ascyrus Medical Dissection Stent Hybrid Prosthesis

\*\*Based on approved indications, market share, and ability to obliterate the false lumen. See also, ref. nos. 1 - 7.

CAUTION: Only to be used by trained and certified physicians.

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