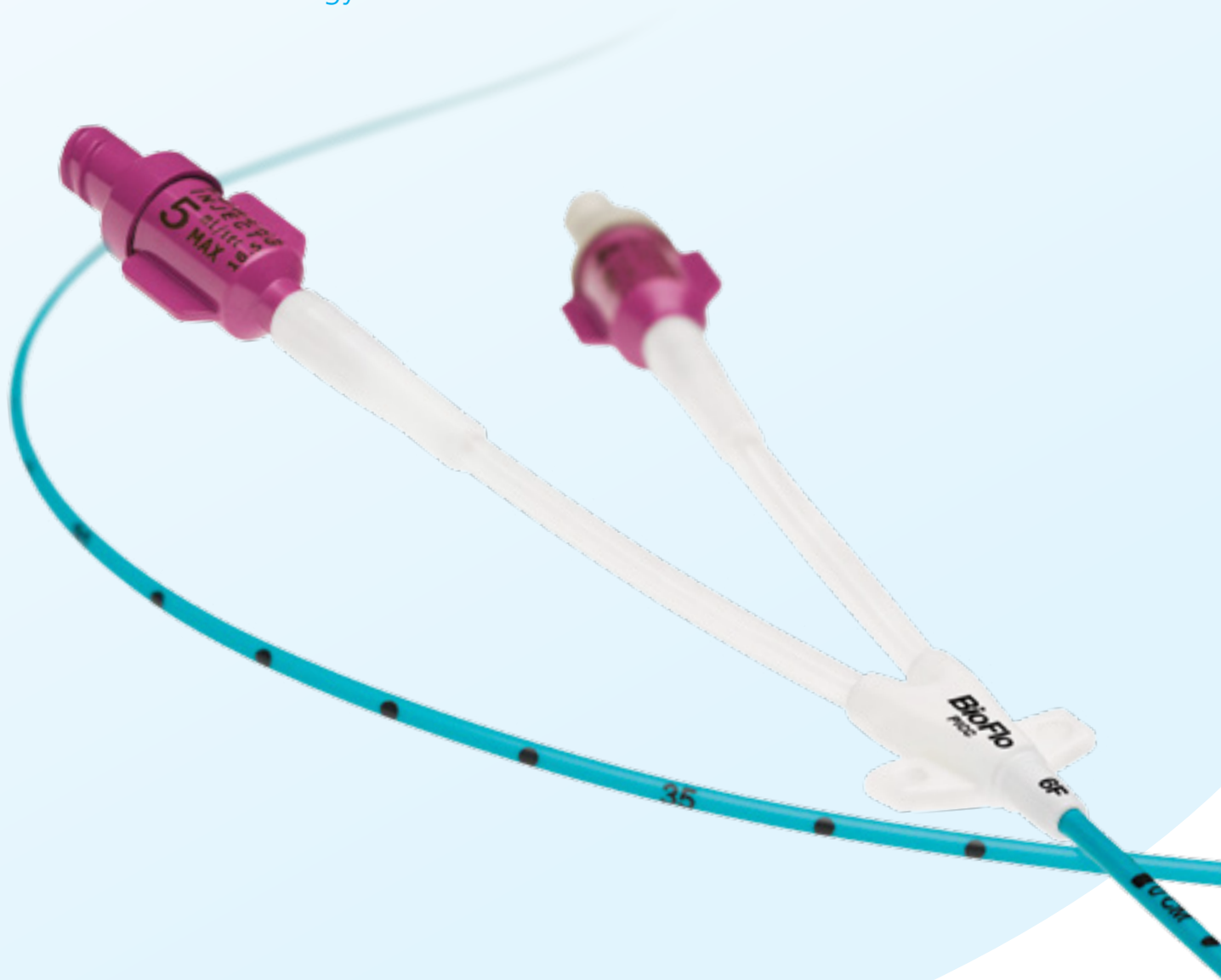


# BioFlo PICC

with Endexo Technology



# Proven to Reduce Thrombus Accumulation<sup>†</sup>

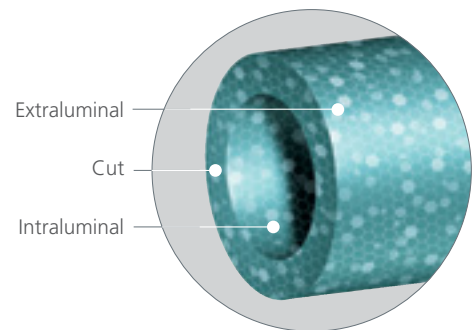
No Heparin. No Coating. No Impregnation.

The BioFlo<sup>®</sup> PICC is the first and only PICC manufactured with Endexo<sup>®</sup> Technology, a permanent and non-eluting integral polymer blended into the polyurethane of the catheter shaft. Providing a catheter material more resistant to the accumulation of blood components, the BioFlo PICC has demonstrated an average of 87% less thrombus accumulation on its surface, compared to commonly used PICCs (based on platelet count).<sup>††</sup>

## Proprietary Endexo Technology

Make protection part of the mix.

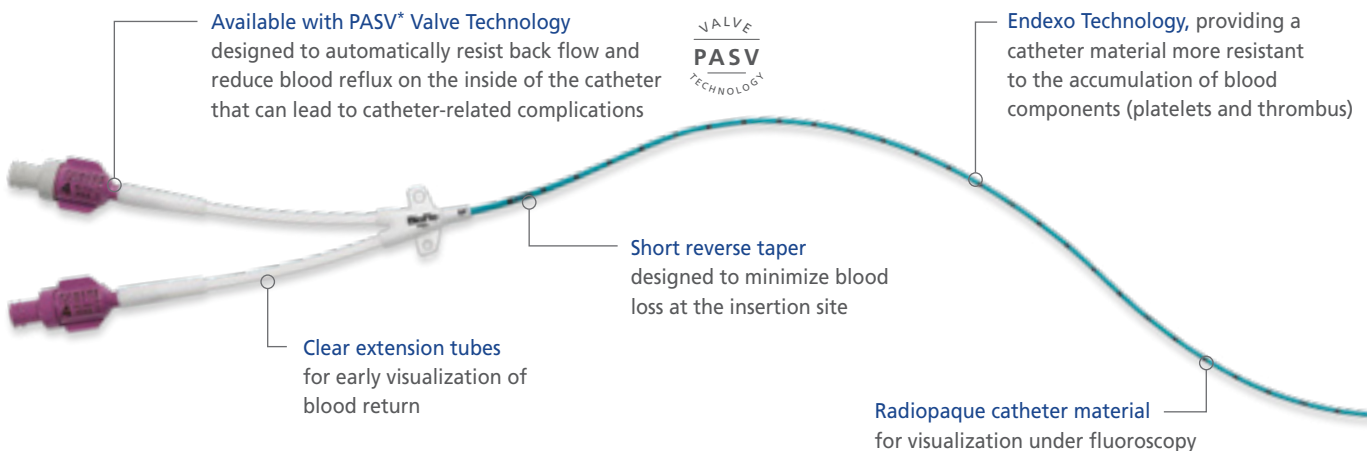
Endexo Technology is not a coating, it is not impregnated into the catheter and it does not contain heparin or antibiotics. It is an integral polymer that is present throughout the catheter including the extraluminal, intraluminal and cut catheter surface of the tip. Endexo Technology remains present for the life of the catheter.



## Power Injectable

Advanced features such as large lumen diameters allow the BioFlo PICC with PASV Valve Technology to deliver the power injection flow rates required for contrast-enhanced CTs compatible with up to 325 psi CT injectors.

## BioFlo PICC with Endexo and PASV Valve Technology



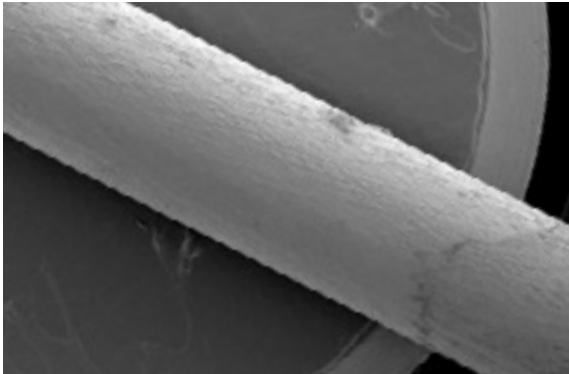
<sup>†</sup>The reduction of thrombus accumulation was evaluated using in-vitro and in-vivo models. Pre-clinical in-vitro and in-vivo evaluations do not necessarily predict clinical performance with respect to thrombus formation.

<sup>††</sup>Based on benchtop test results which may not be indicative of clinical results. Data on file.

## SEM (Scanning Electron Microscopy) Images

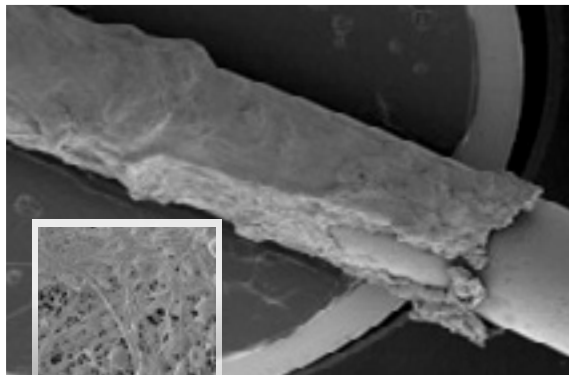
### BioFlo PICC at 18X magnification

Catheter has no visible thrombus, fibrin sheath, or clot.



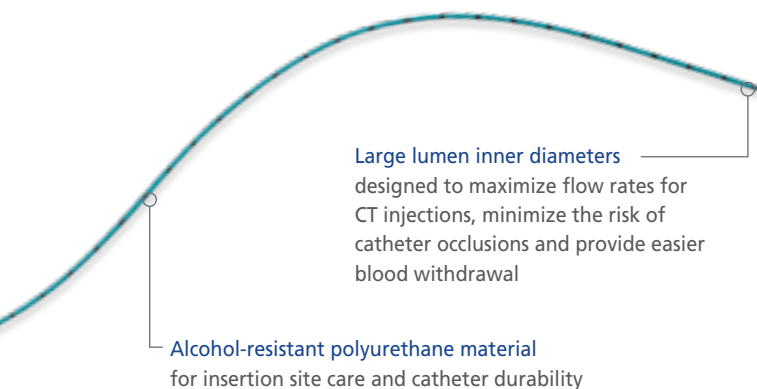
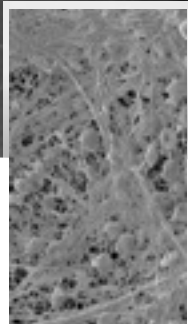
### Competitor B at 15X magnification

Catheter with significant thrombus accumulation.



### Competitor B at 1500X magnification

Higher magnification of catheter surface shows a fibrin sheath where distinct fibrin strands are in the process of forming.



# 87%

reduction in  
Thrombus  
Accumulation<sup>†</sup>

In-vitro blood loop model test results show that on average the BioFlo PICC with Endexo Technology has 87% less thrombus accumulation on its surface compared to commonly used PICCs (based on platelet count).<sup>†</sup>

BioFlo PICC with Endexo Technology



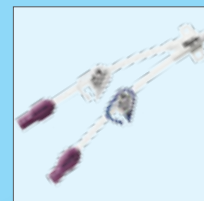
Competitor A



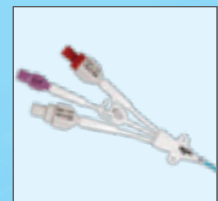
Competitor B

<sup>†</sup>Based on benchtop test results which may not be indicative of clinical results. Data on file.

Multiple options designed to accommodate clinical needs.



BioFlo PICC  
Non-Valved



BioFlo Hybrid PICC with  
PASV Valve Technology

For more info visit:

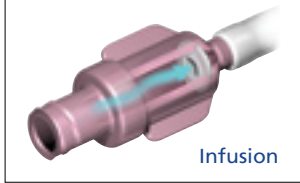
➔ [www.BioFloPICC.com](http://www.BioFloPICC.com)



## PASV Valve Technology

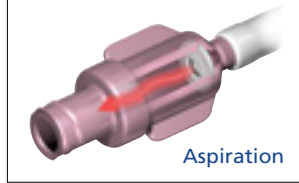
The PASV (Pressure Activated Safety Valve) Valve is a direction-specific valve located in the proximal end of the BioFlo PICC so that it does not interfere with blood flow or catheter trimming.

PASV Valve Technology is Designed to:



Infusion

Open with minimal pressure and automatically close after infusion



Aspiration

Open for sampling and automatically close to resist pressure fluctuations that may cause blood reflux



Closed

Remain closed during normal increases in central venous pressure to prevent blood reflux in the catheter tip

## Value-Added Programs and Services

### Convenience Kit Program

Improve clinician efficiency, productivity and cost savings with our Convenience Kit Program. Our comprehensive program provides clinicians with solutions to streamline PICC placement procedures, eliminate the cost of unnecessary supplies and meet department budget guidelines. In addition, clinicians are able to choose from our broad portfolio of PICCs for a variety of placement settings, insertions techniques and clinical applications.

### Clinical Education

AngioDynamics retains a highly credentialed team of clinical specialists committed to providing educational support and training. In addition, a wide range of continuing education programs and support materials are available to you, including wall charts and patient education materials, all designed to reinforce best practices for catheter insertion, care and maintenance.



### IMPORTANT RISK INFORMATION

#### BIOFLO PICC WITH ENDEXO AND PASV VALVE TECHNOLOGY

**INTENDED USE/INDICATIONS FOR USE:** The BioFlo PICC with Endexo and PASV Valve Technology is indicated for short or long-term peripheral access to the central venous system for intravenous therapy, including but not limited to, the administration of fluids, medications and nutrients; the sampling of blood; and for power injection of contrast media.

**CONTRAINDICATIONS:** Venous thrombosis in any portion of the vein to be catheterized. Conditions that impede venous return from the extremity such as paralysis or lymphedema after mastectomy. Orthopedic or neurological conditions affecting the extremity. Anticipation or presence of dialysis grafts or other intraluminal devices. Hypercoagulopathy unless considerations are made to place the patient on anticoagulation therapy. Pre-existing skin surface or subsurface infection at or near the proposed catheter insertion site. Anatomical distortion of the

veins from surgery, injury or trauma. Inadequate antecubital veins. Anatomical irregularities (structural or vascular) which may compromise catheter insertion or catheter care procedures. Refer to Directions for Use provided with the product for complete instructions, warnings and precautions.

**CAUTION:** Federal Law (USA) restricts this device to sale by or on the order of a physician.



USA > 14 Plaza Drive, Latham, NY 12110 > tel: 800-772-6446 > fax: 518-798-1360 > Canada tel: 800-268-0184  
International > Haaksbergweg 75 (Margrietoren), 1101 BR, Amsterdam Z-O > The Netherlands  
tel: +31 (0)20 753 2949 > fax: +31 (0)20 753 2939

[www.angiodynamics.com](http://www.angiodynamics.com)

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Manufacturer:  
Navilyst Medical, Inc.,  
26 Forest Street, Marlborough, MA 01752

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