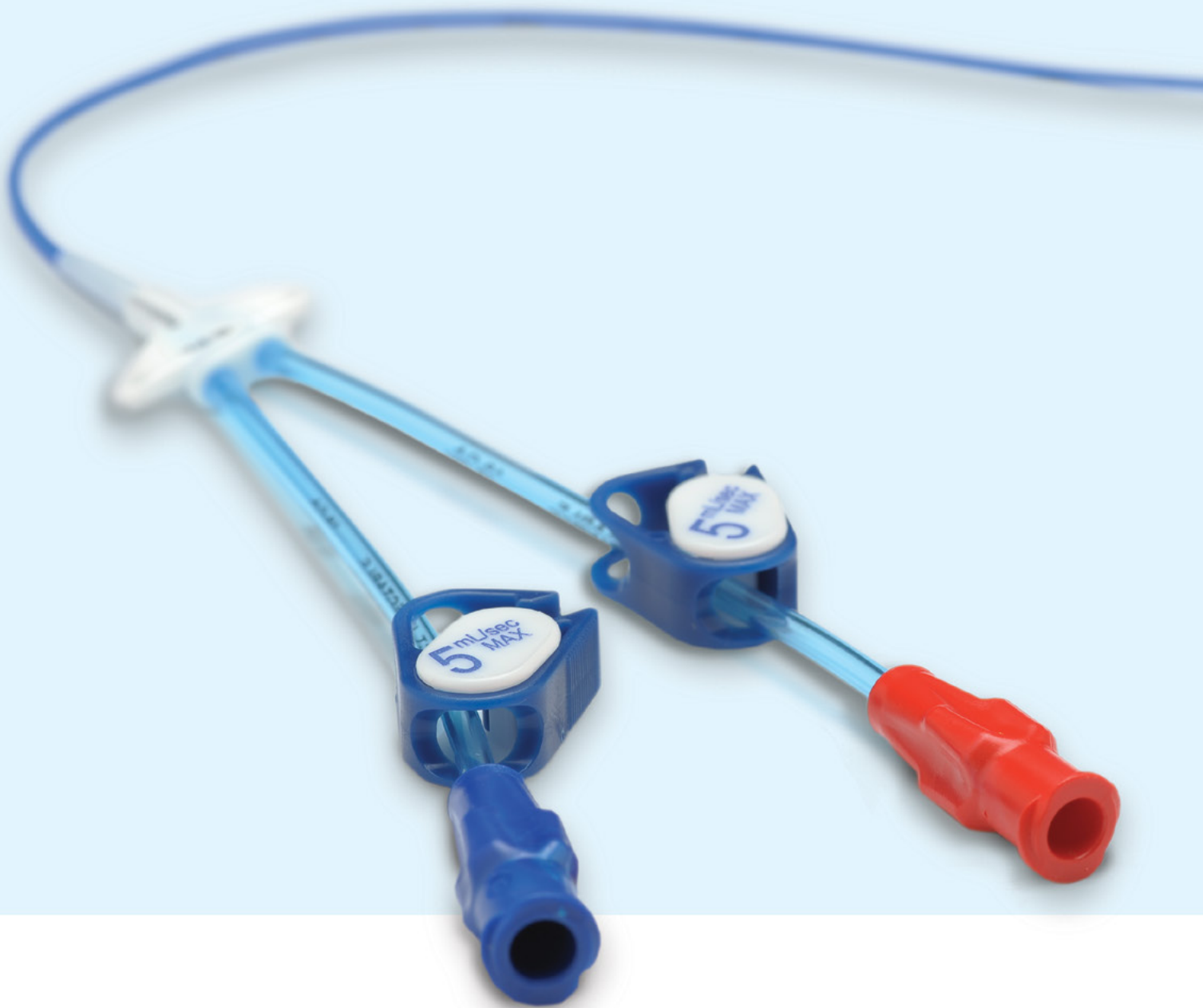


MORPHEUS  
**SMART PICC**

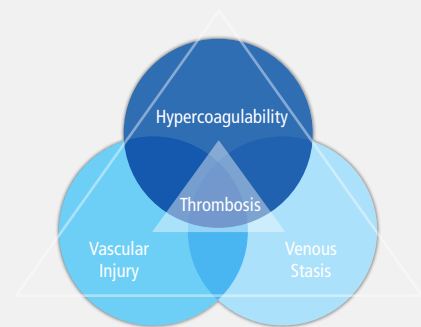


# Engineered *for* Life

The Morpheus SMART PICC\* provides clinicians with a comprehensive line of CT compatible PICC kits that offer True French size catheters with the shortest taper in the industry; this results in less trauma to the vessel, increased blood flow to the vessel and ultimately decreases the patient's risk of thrombosis, infection and device occlusion.

## Designed to Reduce the Risk of Thrombosis

**Virchow's Triad** describes the three key factors that contribute to thrombosis: Hypercoagulability, Vascular Injury and Venous Stasis. The triad is a useful concept for clinicians and pathologists and was central in the development and design of the Morpheus SMART PICC; Kit Components; Clinical Training and Education Program.



### HYPERCOAGULABILITY

#### Clinical Training and Education Program

- AngioDynamics offers a comprehensive clinical training program focused on patient assessment and clinician insertion skills.
- Education programs include: On-site Training, Customized Training, Bedside Support.

### VASCULAR INJURY

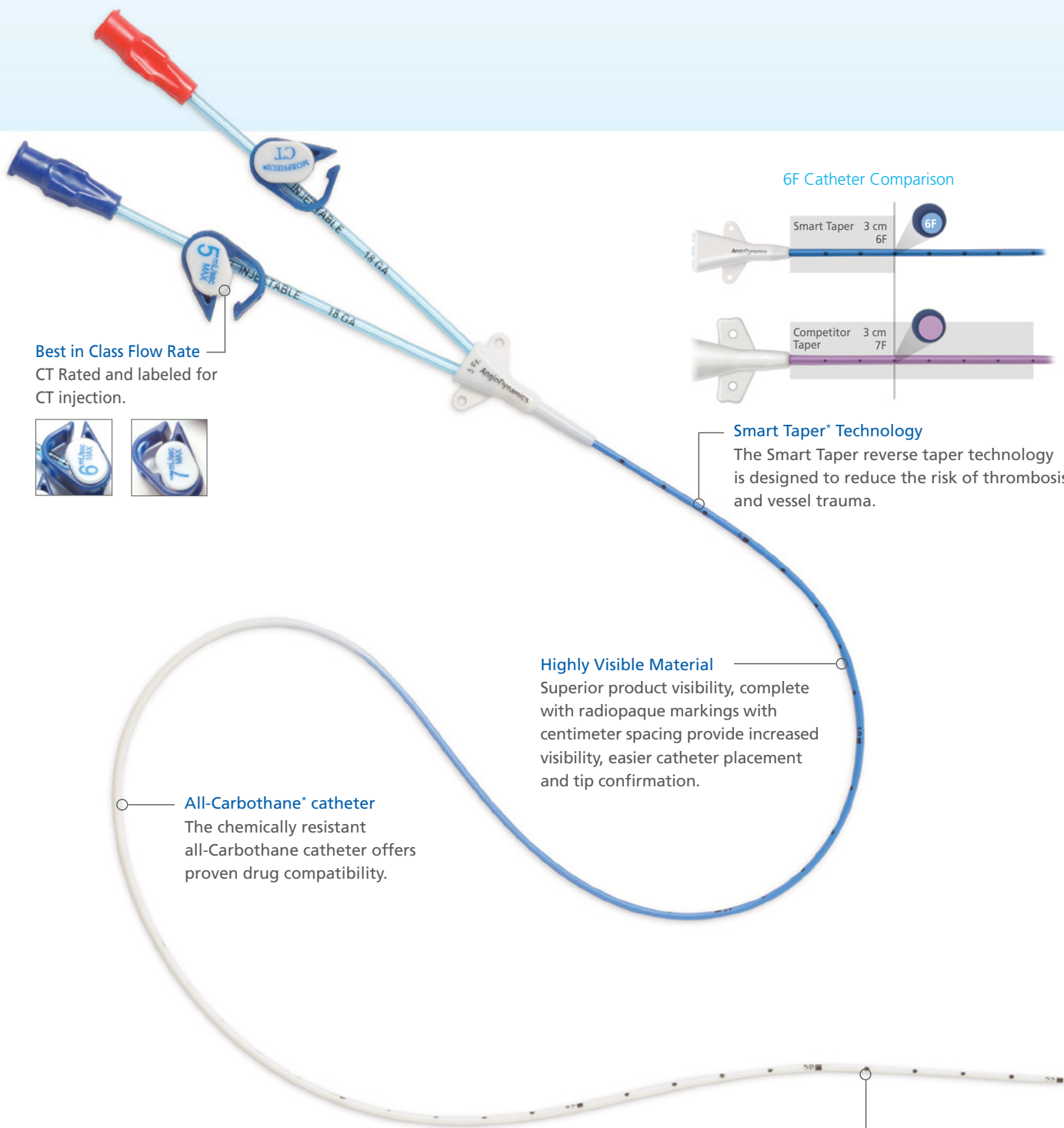
#### Smart Taper Technology and Kit Components

- SMART Taper Technology and True French Size allow for an atraumatic PICC insertion to reduce the vessel trauma and thrombosis.
- AngioDynamics kits are available with nitinol wire and stainless steel wire options.

### VENOUS STASIS

#### The Morpheus SMART PICC

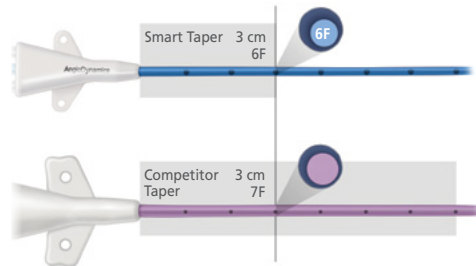
- True French Size catheter means less catheter diameter in the patient's vein.
- The Morpheus SMART PICC is designed to reduce the risk of venous stasis and thrombosis



**Best in Class Flow Rate**  
 CT Rated and labeled for CT injection.



**6F Catheter Comparison**



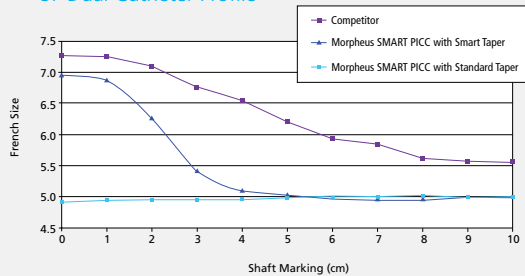
**Smart Taper\* Technology**  
 The Smart Taper reverse taper technology is designed to reduce the risk of thrombosis and vessel trauma.

**Highly Visible Material**  
 Superior product visibility, complete with radiopaque markings with centimeter spacing provide increased visibility, easier catheter placement and tip confirmation.

**All-Carbothane\* catheter**  
 The chemically resistant all-Carbothane catheter offers proven drug compatibility.

**True French Sizing**  
 True French size catheter means less catheter in the patient and allows for an atraumatic PICC insertion.

**5F Dual Catheter Profile**



## Offering a comprehensive line of CT compatible PICC kits



	3F	4F	5F	6F
Single Lumen	X	X	X	
Dual Lumen			X	X
Triple Lumen				X
Smart Taper	X	X	X	X

### Smart Taper IR Kit (5 units per box)

Catheter Description		Nitinol Wire w/ Tungsten Tip	Stainless Steel Wire w/ Platinum Tip
3F Single Lumen CT PICC / .018 x 80 cm GW		<input type="checkbox"/> H787121026015	<input type="checkbox"/> H787121046015
4F Single Lumen CT PICC / .018 x 80 cm GW		<input type="checkbox"/> H787121026025	<input type="checkbox"/> H787121046025
5F Single Lumen CT PICC / .018 x 80 cm GW		<input type="checkbox"/> H787121026035	<input type="checkbox"/> H787121046035
5F Dual Lumen CT PICC / .018 x 80 cm GW		<input type="checkbox"/> H787121026055	<input type="checkbox"/> H787121046055
6F Dual Lumen CT PICC / .018 x 80 cm GW		<input type="checkbox"/> H787121026065	<input type="checkbox"/> H787121046065
3F Single Lumen CT PICC / .018 x 130 cm GW		<input type="checkbox"/> H787121026085	<input type="checkbox"/> H787121046085
4F Single Lumen CT PICC / .018 x 130 cm GW		<input type="checkbox"/> H787121026095	<input type="checkbox"/> H787121046095
5F Single Lumen CT PICC / .018 x 130 cm GW		<input type="checkbox"/> H787121026105	<input type="checkbox"/> H787121046105
5F Dual Lumen CT PICC / .018 x 130 cm GW		<input type="checkbox"/> H787121026125	<input type="checkbox"/> H787121046125
6F Dual Lumen CT PICC / .018 x 130 cm GW		<input type="checkbox"/> H787121026135	<input type="checkbox"/> H787121046135
5F Dual Lumen CT PICC / .014 x 80 cm GW		n/a	<input type="checkbox"/> H787121026045
5F Dual Lumen CT PICC / .014 x 130 cm GW		n/a	<input type="checkbox"/> H787121026115
<sup>†</sup> 6F Triple Lumen CT PICC / .018 x 80 cm GW	55 cm	<input type="checkbox"/> H787121026175	n/a
<sup>†</sup> 6F Triple Lumen CT PICC / .018 x 130 cm GW	55 cm	<input type="checkbox"/> H787121026185	n/a
<sup>†</sup> 5F Dual Lumen CT PICC / .018 x 80 cm GW	55 cm	<input type="checkbox"/> H787121026155	n/a
<sup>†</sup> 5F Dual Lumen CT PICC / .018 x 130 cm GW	55 cm	<input type="checkbox"/> H787121026165	n/a

<sup>†</sup>55 cm length catheter

Smart Taper Kits are only available in Full Kit options.

Consult your AngioDynamics representative for country specific product availability.

#### IMPORTANT RISK INFORMATION

**INDICATIONS FOR USE:** The AngioDynamics Morpheus SMART PICC CT is indicated for short or long term peripheral access to the central venous system for intravenous therapy, power injections of contrast media, and allows for central venous pressure monitoring. For blood sampling, infusion, or therapy use a 4 French or larger catheter. For central venous pressure monitoring, it is recommended that a catheter lumen of 20 gauge or larger be used.

**CONTRAINDICATIONS:** This device is contraindicated whenever the patient has or is suspected of having: infection, bacteremia, or septicemia; allergic reactions to the device's materials; insufficient body size to accommodate the size of the implanted device; past irradiation; previous episodes of venous thrombosis or vascular surgical procedures at the prospective placement site; local tissue factors will prevent proper device stabilization and/or access.

**WARNINGS AND PRECAUTIONS:** Please see package insert for complete list of warnings and precautions.

**POTENTIAL COMPLICATIONS:** Please see package insert for complete list of potential complications.

Indications, contraindications, warnings and instructions for use can be found in the instructions for use supplied with each device. Observe all instructions prior to use. Failure to do so may result in patient complications.

**CAUTION:** Federal (USA) law restricts these devices to sale by or on the order of a physician.



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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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