oscor® | *for life!*®



PRODUCT *portfolio*

oscor | for life!

Oscor Inc. designs, develops, manufactures, and markets a variety of highly specialized implantable cardiac pacing leads, introducer systems, and diagnostic catheters. Our company is also leveraging its proprietary technologies toward the development of new products for a variety of cardiac and non-cardiac applications.

We have established a strong national and international presence, with sales in more than 60 countries through a combination of direct sales efforts and unaffiliated distributors. We also sell many of our lead and catheter products to leading medical device companies on an Original Equipment Manufacturer (OEM) basis.

CAUTION: Federal Law restricts this device to sale by or on the order of a physician (U.S.A). Please refer to the Instructions for Use for a complete listing of the indications, contraindications, precautions and warnings, where applicable.

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oscor | *for life!*

As a global leader in cardiac pacing leads, Oscor Inc. offers a complete line of endocardial and epicardial active and passive fixation pacing leads including steroid eluting* lead systems. All Oscor implantable pacing leads carry an IS-1 compatible connector for connection to an IS-1 compatible pulse generator. Oscor's pacing leads incorporate over 30 years experience in quality and innovation.

**Steroid eluting lead series are available outside US only.*

Implantable Pacing Leads



Physique®

THE WORLD'S THINNEST EXTENDABLE RETRACTABLE ACTIVE FIXATION LEAD

The world's thinnest (4.8 F lead body diameter) bipolar extendable and retractable active fixation permanent pacing lead with patented lead body technology.

4.8 F Lead body

7 F Introducer

Physique® EZL

NEXT GENERATION SWEET TIP ACTIVE FIXATION LEAD

The next generation MRI conditional safe active fixation lead. The small profile lead design features an active fixation screw tip, which is encapsulated in a protective and dissolvable mannitol coating.

4.8 F Lead body

7 F Introducer



PY2

EXTENDABLE/RETRACTABLE ACTIVE FIXATION BIPOLAR PACING LEADS

Low profile connector pin driven bipolar active fixation permanent pacing lead with electrically active extendable and retractable helix and mapping collar.

6.3 F Lead body 7 F Introducer

PY2

EXTENDABLE/RETRACTABLE ACTIVE FIXATION PACING LEAD WITH X-RAY EASY VIEW

Low profile connector pin driven bipolar active fixation permanent pacing lead with electrically active extendable and retractable helix and mapping collar.

6. F or 6.3 F Lead body 7 F Introducer



Petite™

THE WORLD'S THINNEST PASSIVE FIXATION BIPOLAR PACING LEADS

The world's thinnest (4.8 F lead body diameter) bipolar extendable and retractable active fixation permanent pacing lead with patented lead body technology.

4.8 F Lead body 7 F Introducer

Reflex™

PASSIVE FIXATION BIPOLAR PACING LEADS

Small profile bipolar passive fixation permanent pacing lead with proprietary coaxial lead body construction, offering redundant conductor insulation layers.

6. F or 6.3 F Lead body 7 F Introducer

MP

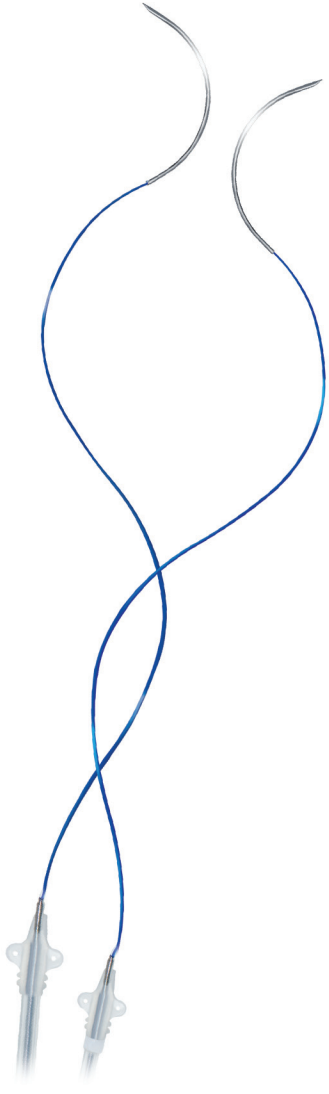
EPICARDIAL SUTURE-ON PACING LEADS

Implantable epicardial pacing lead for permanent stimulation of the myocardium.

Features:

- Curved atraumatic myocardial needle with platinum tip
- Moveable butterfly flanges
- Cathode indicator
- IS-1 (3.2 mm) connector
- Unipolar and bipolar versions
- Flexible electrode spacing
- Platinum tip electrodes

**Not available for US market*

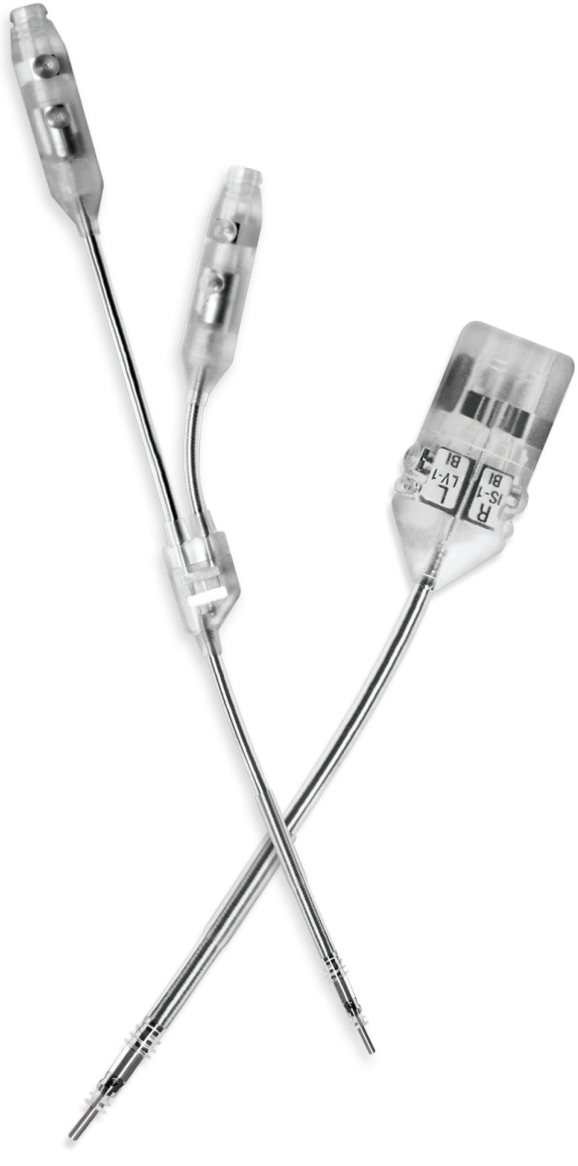


Implantable Lead Adaptors

To fulfill every possible need between all lead connectors to pulse generator header, Oscor offers the industry's broadest line of implantable lead adaptors and lead extensions. All Oscor lead adaptors carry FDA and CE approval. Oscor also offers custom adaptor and connector configurations.

Features:

- Unipolar and Bipolar Adaptors
- Lead Extensions
- Bifurcated Adaptor Configurations featuring connections:
  - IS-1 (3.2 mm) Unipolar/Bipolar
  - 5 mm Unipolar
  - 6 mm Unipolar/Bipolar
  - LV-1 Unipolar/Bipolar
  - IS4 / DF4 *(Pending FDA & CE approval)*
  - Custom connections



Adelante®

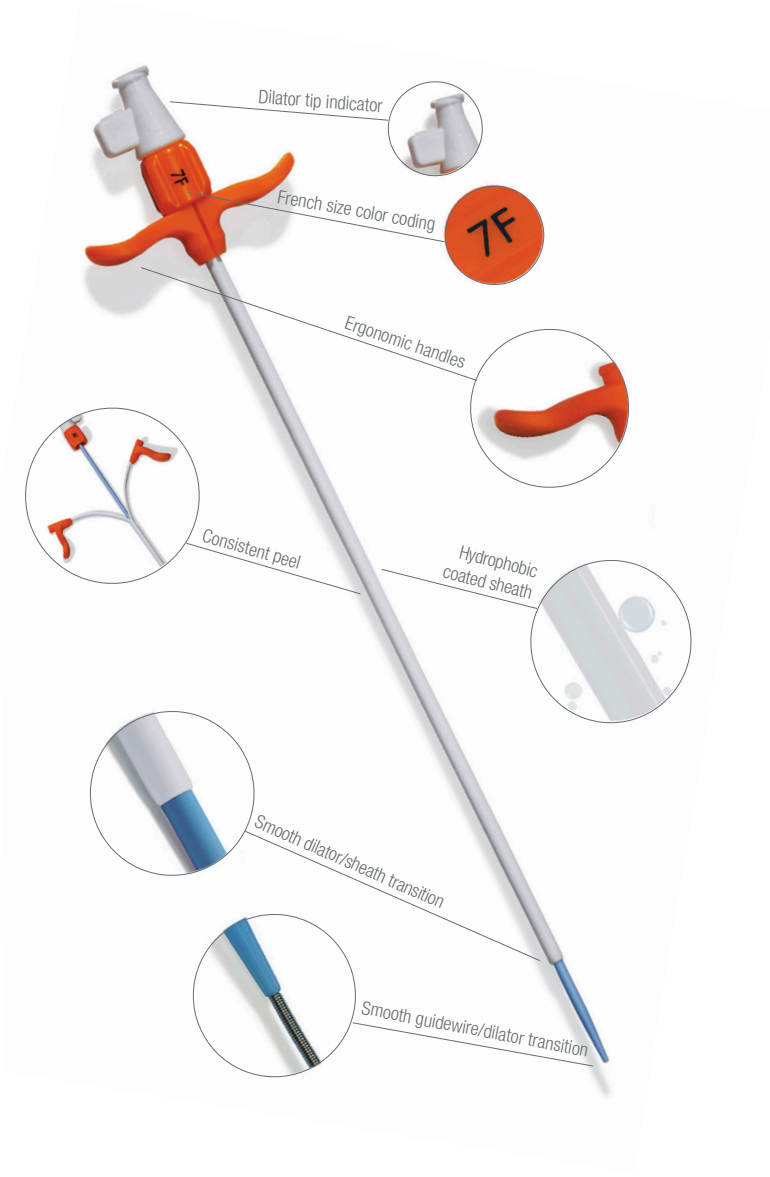
ADVANCED PEEL-AWAY INTRODUCER SYSTEM

The Adelante® peel away introducer system is one of the most advanced introducers available for placement of permanent pacing leads and catheters. It offers exceptional insertion, smooth lead movement, high kink resistance and exceptional peeling performance even in complex conditions.

Sheath ID Sizes: 6 F to 12.5 F
Sheath Lengths: 16 cm to 45cm
Dilator Lengths: 19 cm to 49 cm
Accepts Maximum Guidewire: 0.038 in

Packaging available in:

- Kit with accessories
- Sheath and dilator only
- Bulk non-sterile
- Other configurations available upon request



Adelante® SafeSheath® Ultra Lite

HEMOSTATIC VALVE PEEL AWAY INTRODUCER SYSTEM

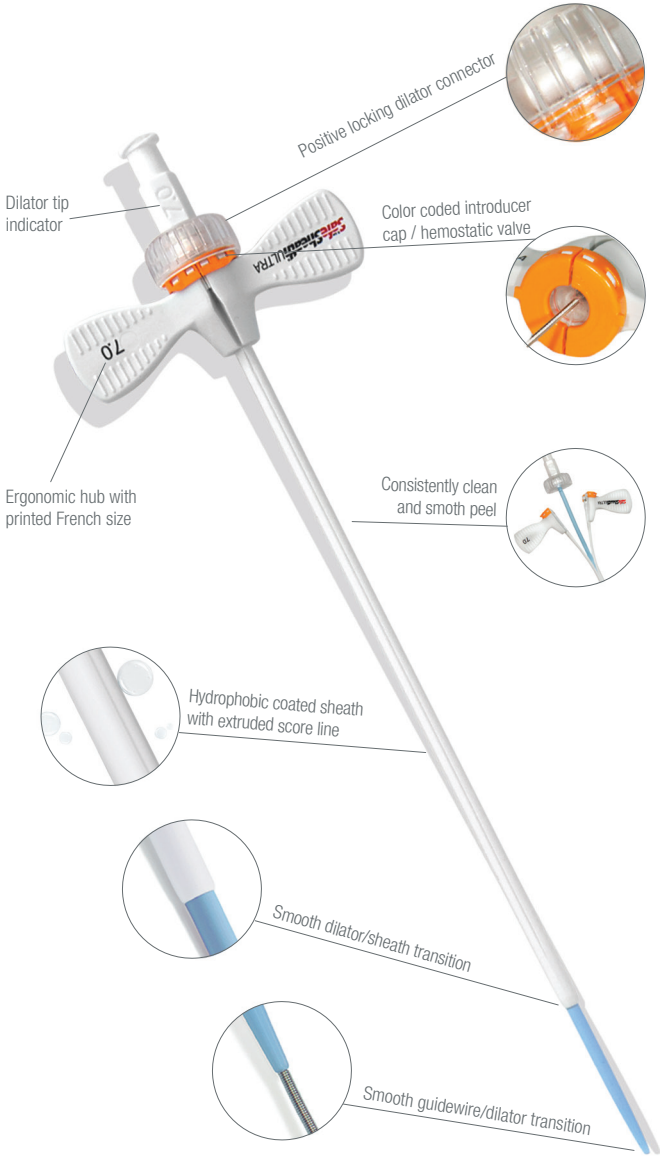
The Adelante® SafeSheath® Ultra Lite Peel Away Introducer System, features a speciallly engineered valve membrane that allows for reduced insertion forces during procedures.

Sheath ID Sizes: 5 F to 16.5 F
Sheath Lengths: 13 cm
Dilator Lenghts: 18 cm
Accepts Maximum Guidewire: 0.038 in

Packaging available in:

- Kit with accessories
- Sheath and dilator only
- Bulk non-sterile

** SafeSheath is a registered trademark of Pressure Products, Inc.*



Adelante® SafeSheath® Ultra

HEMOSTATIC VALVE PEEL AWAY INTRODUCER WITH SIDE PORT

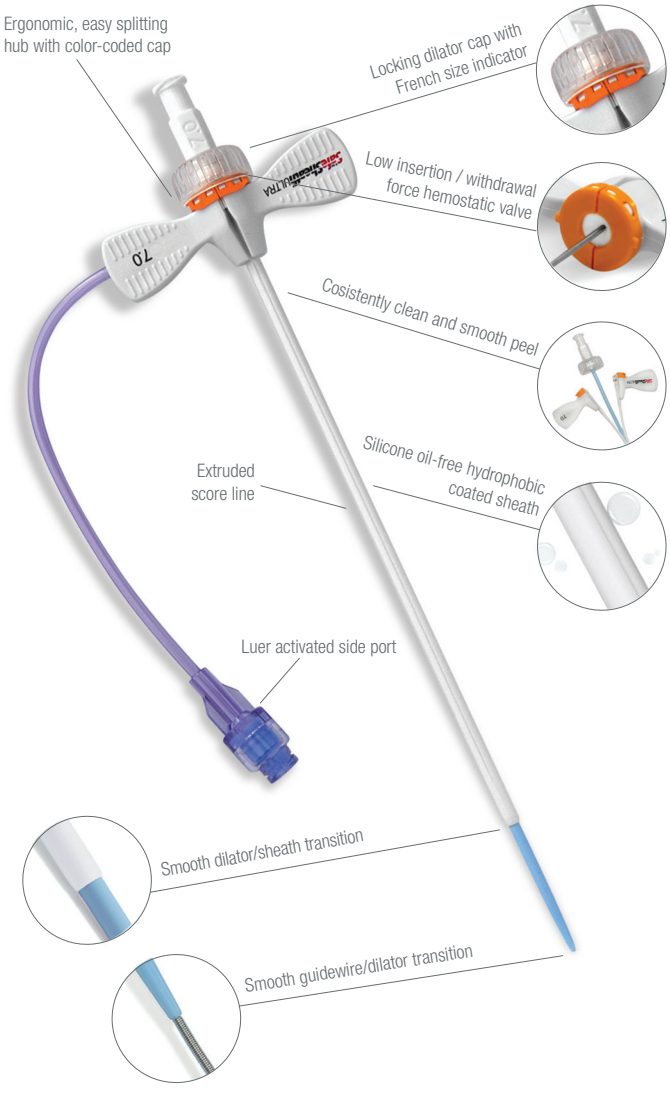
The Adelante® SafeSheath® Ultra hemostatic valve peel away introducer with side port, incorporates a specially engineered valve membrane and includes a low profile luer activated infusion side port that provides a convenient means of aspirating and flushing the introducer.

Sheath ID Sizes: 6 F to 12.5 F
Sheath Lengths: 13 or 23 cm
Dilator Lenghts: 18 or 28 cm
Accepts Maximum Guidewire: 0.038 in

Packaging available in:

- Kit with accessories

** SafeSheath is a registered trademark of Pressure Products, Inc.*



Adelante® SafeSheath® II

HEMOSTATIC PEEL AWAY INTRODUCER FOR VASCULAR ACCESS

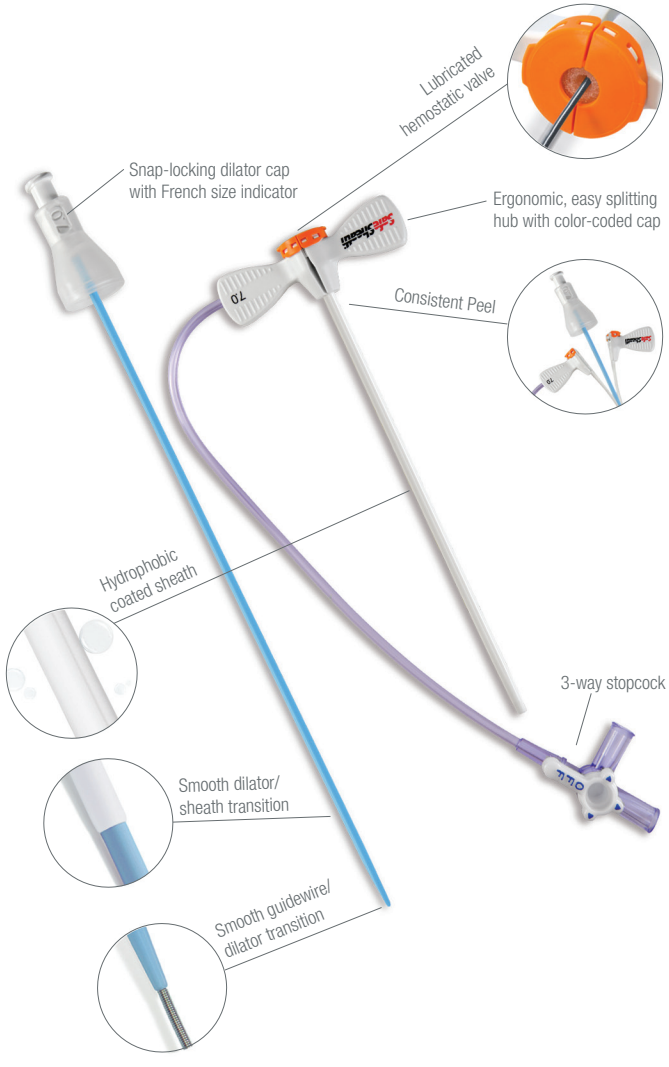
The Adelante® SafeSheath® II is the next generation hemostatic peel away introducer for vascular access. Featuring the latest lubricated hemostatic valve membrane that provides low insertion forces during procedures. It also includes a sideport with a 3-way stopcock that provides a convenient means of aspirating and flushing the introducer.

Sheath ID Sizes: 6 F to 12.5 F
Sheath Lengths: 13 or 23 cm
Dilator Lenghts: 19.5 or 29.5 cm
Accepts Maximum Guidewire: 0.038 in

Packaging available in:

- Kit with accessories

** SafeSheath is a registered trademark of Pressure Products, Inc.*



Adelante® SIGMA

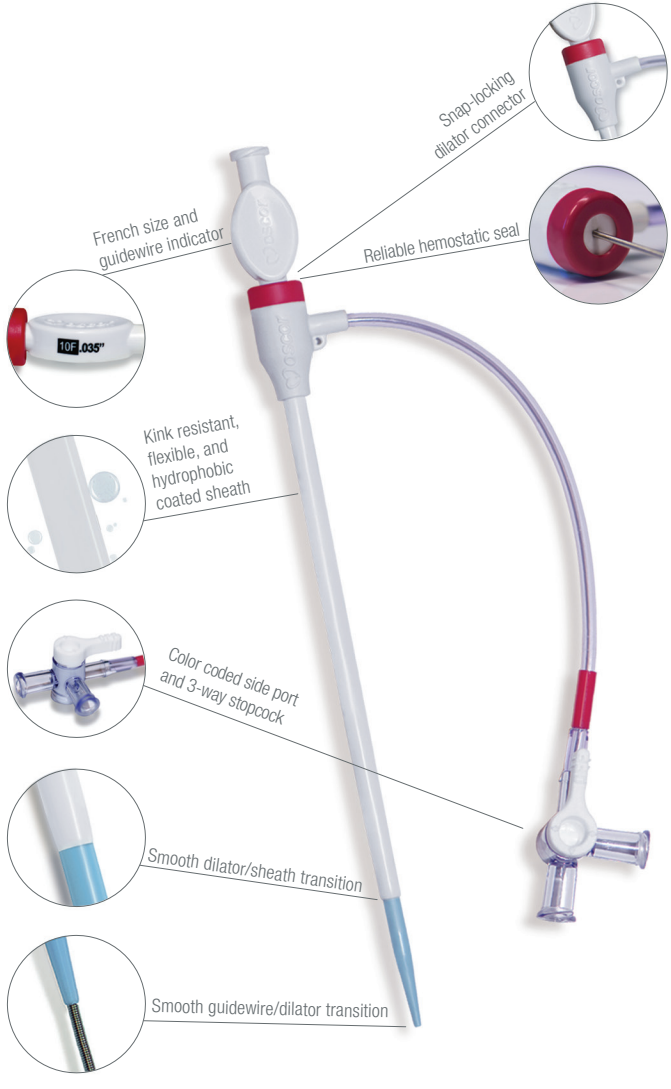
INTRODUCER SET WITH HEMOSTATIC VALVE

The Adelante® Sigma is the next generation in vascular access sheath introducers, featuring the latest hemostatic valve technology, which allows for the introduction of small to large devices.

Sheath ID Sizes: 4 F to 12 F
Sheath Lengths: 7 cm, 10 cm, and 23 cm
Dilator Lenghts: 12 cm, 15 cm, and 28 cm
Accepts Maximum Guidewire: 0.035 in

Packaging available in:

- Kit with accessories
- Sheath and dilator only
- Sheath, dilator and guidewire only
- Bulk non-sterile
- Other configurations available upon request



Adelante® Sigma Plus

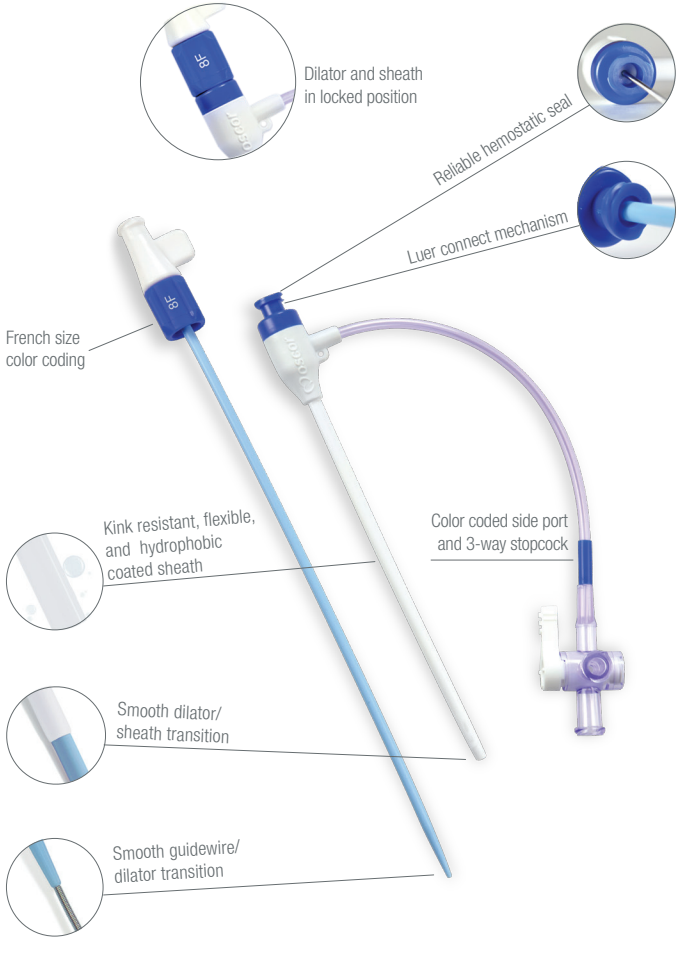
INTRODUCER WITH HEMOSTATIC VALVE PLUS LUER CONNECT

The Adelante® Sigma Plus is latest in vascular access sheath introducers, featuring hemostatic valve technology, and a special luer locking design, that allows easy and secure accessory connection. (e.g. contamination guard)

Sheath ID Sizes: 4 F to 9 F
Sheath Lengths: 10 cm or 23 cm
Dilator Lenghts: 15 cm or 28 cm
Accepts Maximum Guidewire: 0.038 in

Packaging available in:

- Kit with accessories
- Sheath and dilator only
- Bulk non-sterile
- Other configurations available upon request





Direct easy and secure contamination guard connection

Adelante® MAGNUM

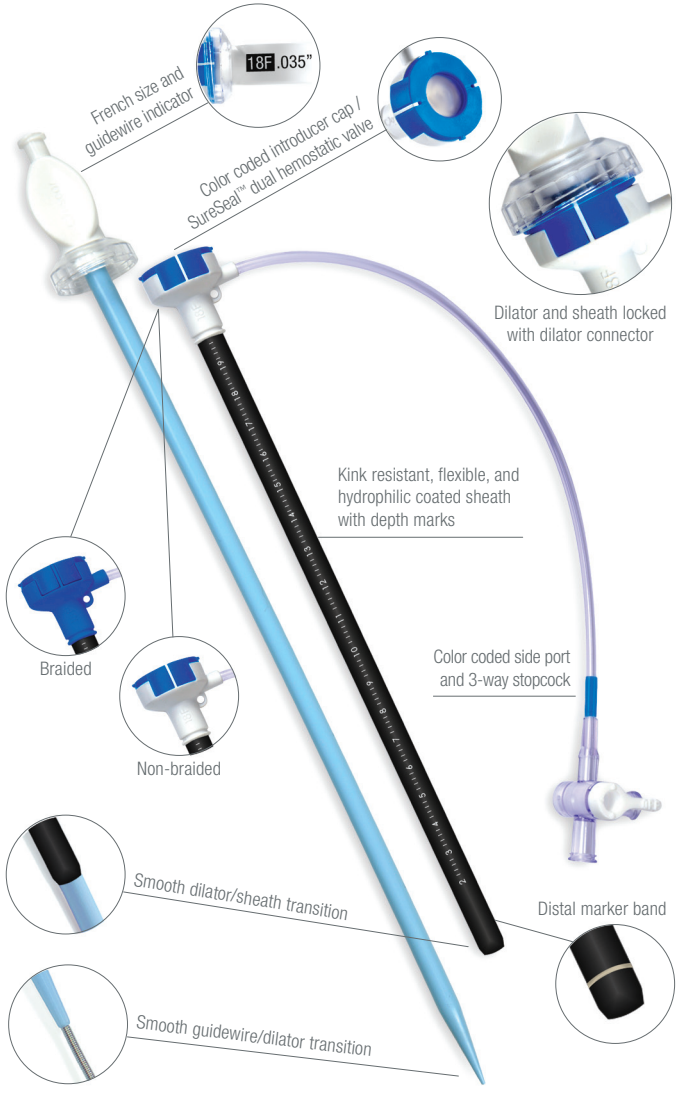
HEMOSTATIC VALVE INTRODUCER FOR LARGE VASCULAR ACCESS

The Adelante® Magnum is the next generation introducer sheath with new SureSeal™ hemostatic valve technology for the easy introduction and placement of endovascular catheters, aortic valves, and stent graft systems.

Sheath ID Sizes: 16 F or 18 F
Sheath Lengths: 20 cm or 35 cm
Dilator Lenghts: 25 cm or 40 cm
Accepts Maximum Guidewire: 0.038 in

Packaging available in:

- Sheath and dilator only
- Bulk non-sterile
- Other configurations available upon request



Adelante® Radial

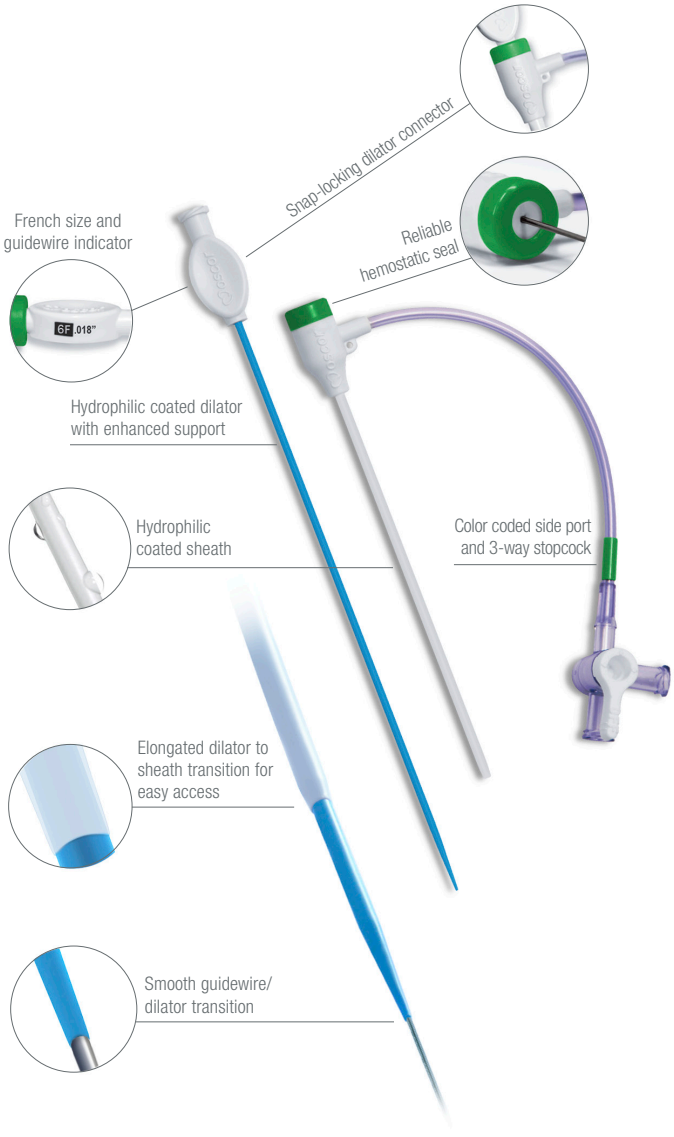
INTRODUCER WITH HEMOSTATIC VALVE

The Adelante® Radial is the next generation in transradial access sheath introducers, featuring the latest hemostatic valve technology, for minimal blood loss during diagnostic angiography or percutaneous coronary intervention. For smooth insertion and removal of device, it features a hydrophilic coated and kink-resistant sheath. Also, providing an excellent elongated tapered dilator tip for optimal vessel access.

Sheath ID Sizes: 4 F to 6 F
Sheath Lengths: 7 cm to 25 cm
Dilator Lengths: 12 cm to 30 cm
Accepts Maximum Guidewire: 0.018 in

Packaging available in:

- Kit with accessories
- Sheath and dilator only
- Bulk non-sterile
- Other configurations available upon request



Adelante® Breezeway®

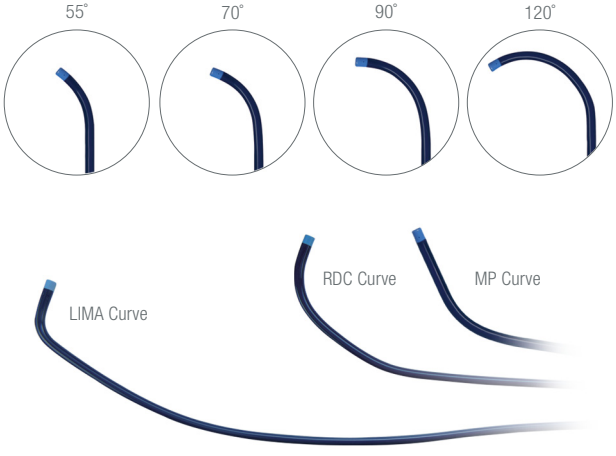
GUIDING SHEATH WITH HEMOSTATIC VALVE

The Adelante® Breezeway® Guiding Sheath with Hemostatic Valve is intended for the percutaneous introduction of various types of cardiovascular catheters to all chambers of the heart, including transseptal puncture. The Adelante® Breezeway® is available in several size, length and curve configurations.

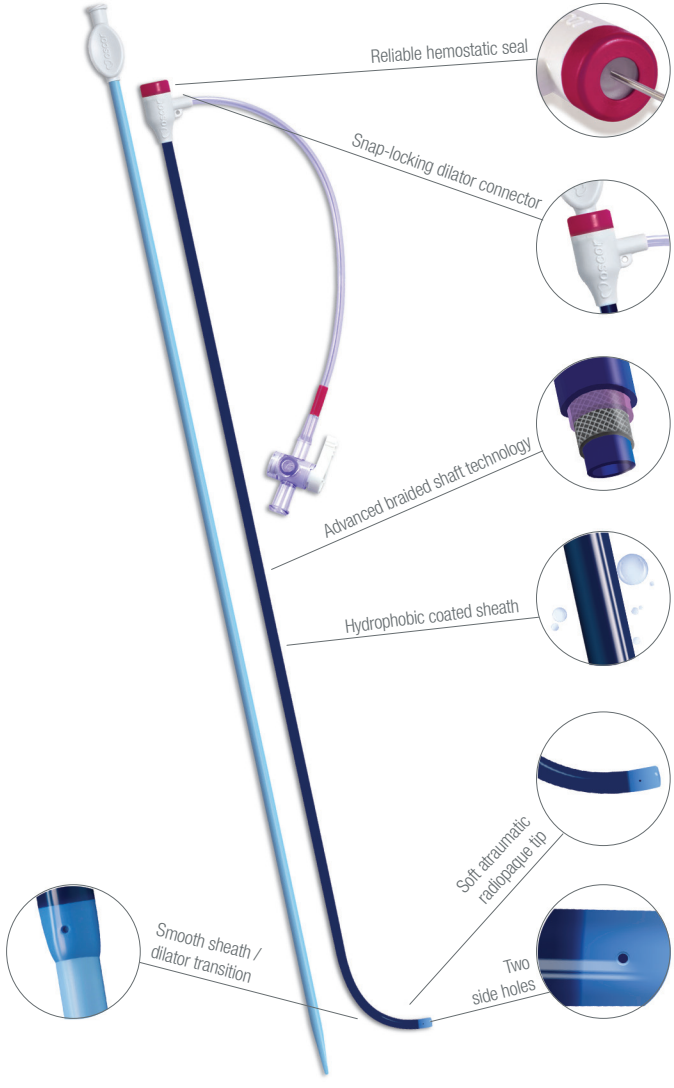
Sheath ID Sizes: 6 F to 10 F
Sheath Lengths: 61 cm or 79 cm
Dilator Lengths: 66 cm or 84 cm
Accepts Maximum Guidewire: 0.035 in

Packaging available in:

- Sheath and dilator only
- Sheath, dilator, and guidewire set
- Bulk non-sterile
- Other configurations available upon request



Available in different curves
(Custom curve configurations available upon request)



Adelante® Breezeway® Renal

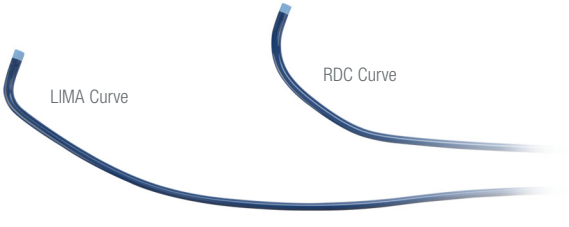
DELIVERY SHEATH FOR RENAL ACCESS

The Adelante® Breezeway® Renal is intended for the introduction of diagnostic and therapeutic devices into the human vasculature, including intercardiac, renal or other placements.The Adelante® Breezeway® Renal Delivery Sheath introduces the latest hydrophilic coated braided shaft design and the next generation hemostatic valve.

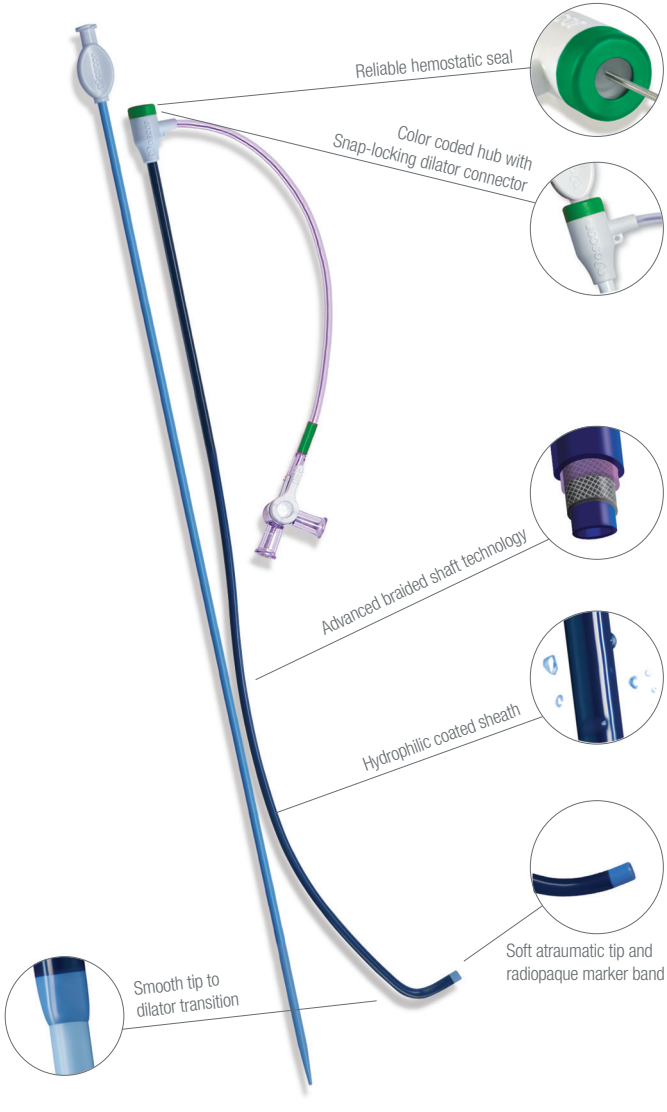
Sheath ID Sizes: 6 F or 8 F
Sheath Lengths: 45 cm
Dilator Lengths: 50 cm
Accepts Maximum Guidewire: 0.038 in

Packaging available in:

- Sheath and dilator only
- Sheath, dilator, and guidewire set
- Bulk non-sterile
- Other configurations available upon request



Available in different curves
(Custom curve configurations available upon request)



Destino™

BI-DIRECTIONAL STEERABLE GUIDING SHEATH

The Destino™ is a next generation bi-directional steerable guiding sheath for the introduction and placement of diagnostic and therapeutic devices into the human vasculature, including but not limited to intracardiac, transseptal, and other placements.

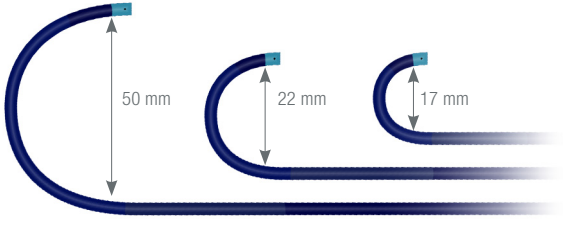
Featuring a next generation hemostatic valve and braided FlexSteer® Shaft Technology, the Destino™ is the only available steerable sheath with true bi-directional tip deflections of 180˚.

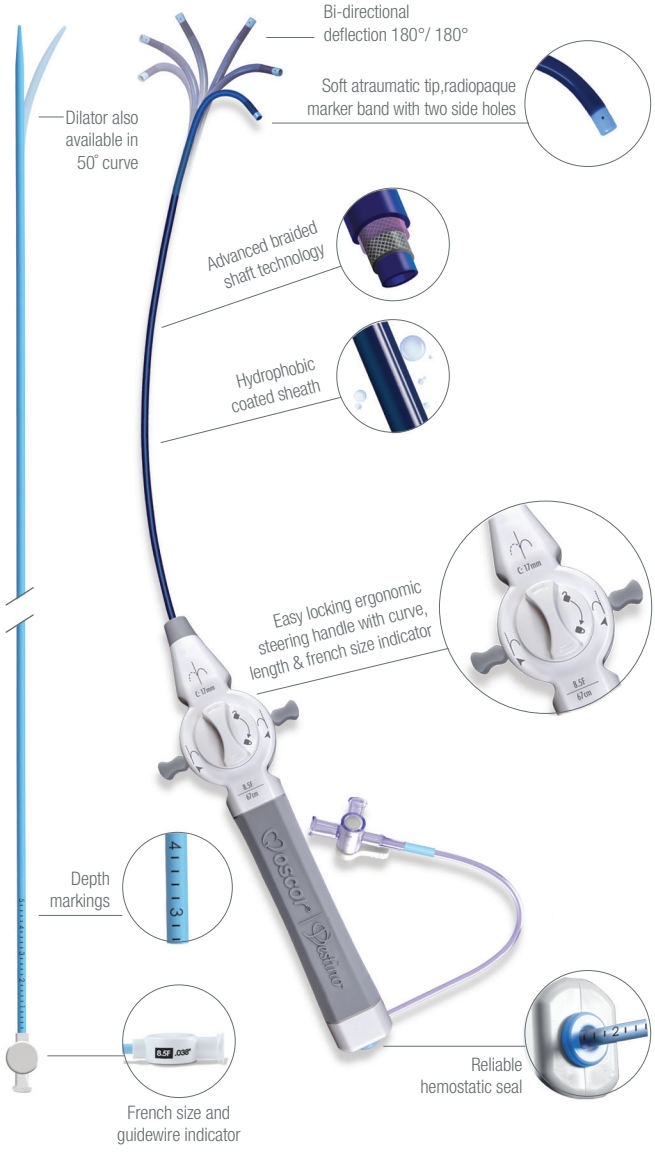
Sheath ID Sizes: 8.5 F, 10 F, or 12 F
Sheath Lengths: 61 cm to 71 cm
Dilator Lengths: 85 cm to 94 cm
Curve Sizes: 17 mm, 22 mm, or 50 mm
Accepts Maximum Guidewire: 0.038 in

Packaging available in:

- Kit with accessories
- Sheath and dilator only
- Sheath, dilator, and guidewire set
- Other configurations available upon request

Bi-directional curve options



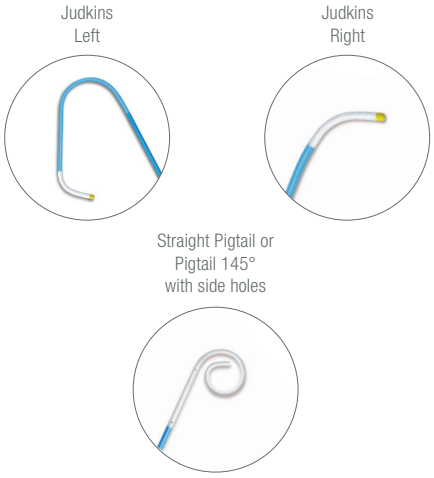


The Angios® diagnostic catheters features a proprietary HD braid reinforced shaft offering maximum pushability while retaining excellent curve stability, maximum flow rate during contrast injection, and an ultra soft radiopaque catheter tip to minimize vessel trauma.

ID Sizes: 4 F to 6 F
Lengths: 100 cm to 120 cm
Accepts Maximum Guidewire: 0.038 in

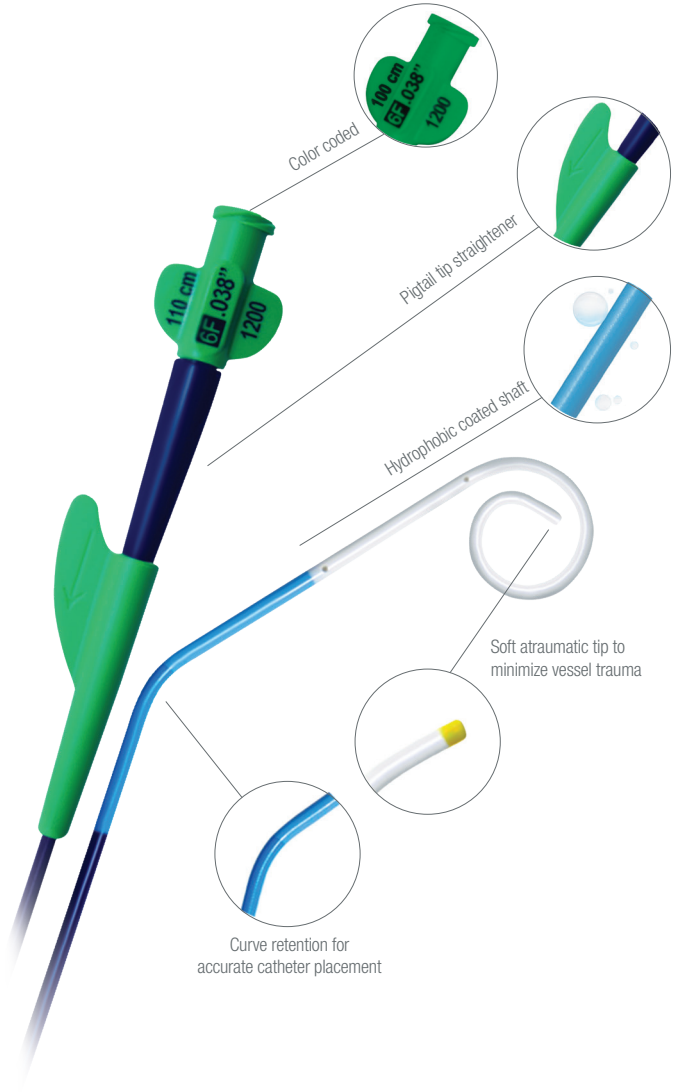
Packaging available in:

- 100 Series - a single catheter per pouch, 5 per box
- 300 Series - three catheters per pouch, 5 per box
- 400 Series - three catheter kit, guidewire, and Adelante® Sigma introducer kit
- 500 Series - five single catheters per box
- Other configurations available upon request



Available in different curves
(Custom curve configurations available upon request)

ANGIOS®
DIAGNOSTIC ANGIOGRAPHIC CATHETERS



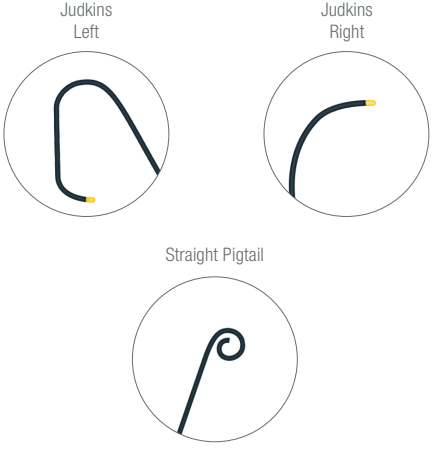
Angios® chico
DIAGNOSTIC ANGIOGRAPHIC CATHETERS

The Angios® Chico diagnostic angiography catheter line is ideal for coronary angiography in young patients and or patients with small vessels. It features a proprietary HD braid reinforced shaft offering maximum pushability while retaining excellent curve stability, maximum flow rate during contrast injection, and an ultra soft radiopaque catheter tip to minimize vessel trauma. Oscor's Angios® Chico diagnostic catheters are available in a variety of curve, size, and length configurations.

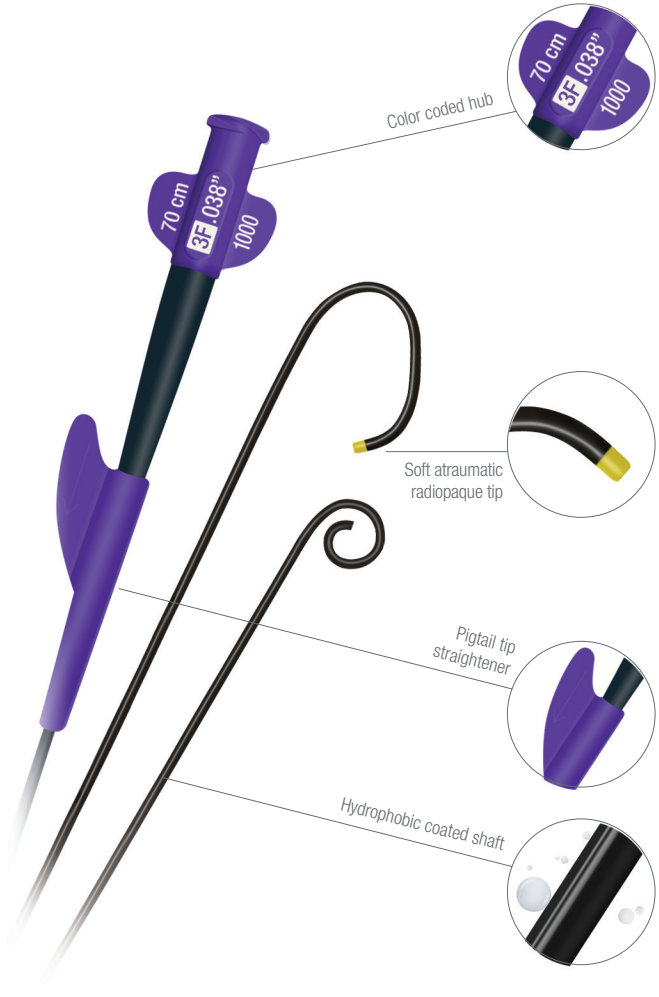
ID Sizes: 3 F & 4 F
Lengths: 40 cm to 80 cm
Accepts Maximum Guidewire: 0.021 in & 0.035 in

Packaging available in:

- 100 Series - a single catheter per pouch, 5 per box
- Other configurations available upon request



Available in different curves
(Custom curve configurations available upon request)



Venos®

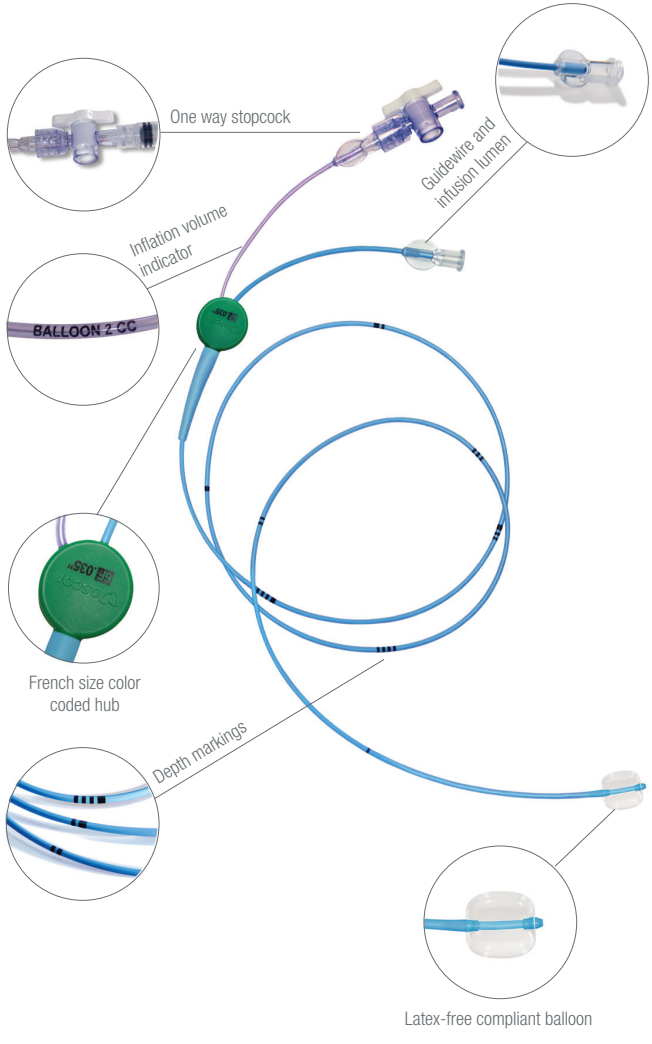
LATEX-FREE OCCLUSION BALLOON CATHETERS

The Venos® Occlusion Balloon Catheter is a latex-free double lumen occlusion balloon catheter. It is intended for temporary occlusion of the coronary sinus during a venogram or infusion of contrast media or drug.

ID Sizes: 5 F to 7 F
Lengths: 60 cm to 120 cm
Balloon Diameters: 10 mm or 15 mm
Accepts Maximum Guidewire: 0.025 in, 0.035 in, 0.038 in

Packaging available in:

- One Venos® occlusion balloon catheter and one volume limited syringe
- Other configurations available upon request



Temporary Pacing Leads

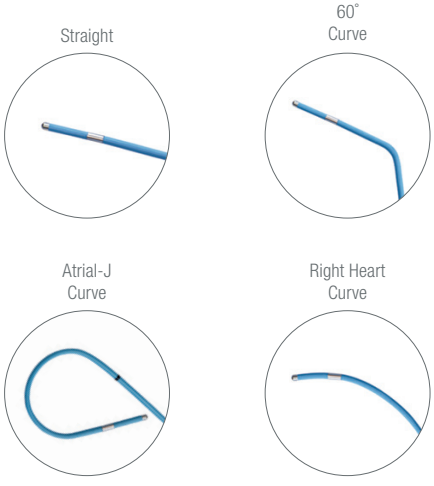
Offering the most complete line of temporary pacing products, Oscor's transvenous pacing leads are used for temporary pacing during emergency room or other cardiac procedures where minimal invasive temporary pacing is required. To meet every physician's preference, Oscor offers a broad line of temporary pacing leads and catheters, with many curves, length configurations, with or without balloon, all latex-free.

TB

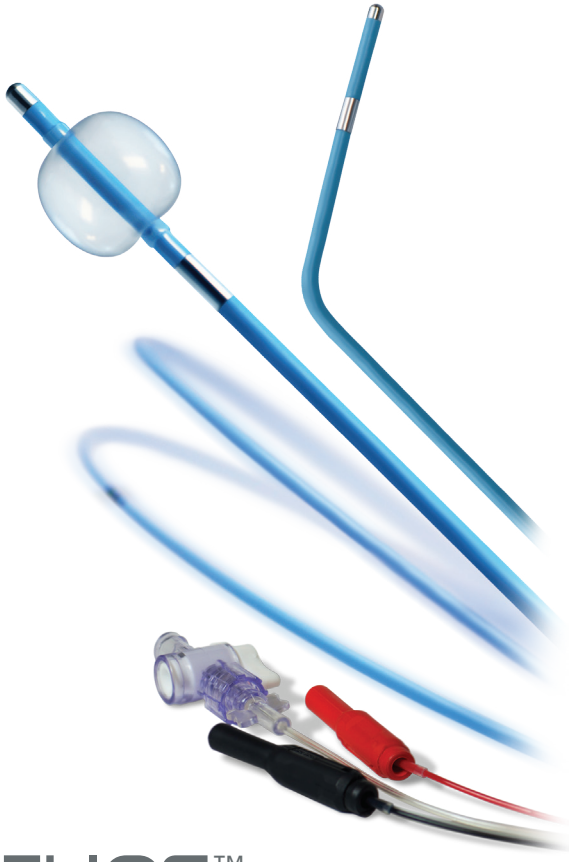
BIPOLAR TEMPORARY PACING LEADS

TB is a bipolar temporary pacing lead used for temporary ventricular or atrial pacing in connection with a temporary pacemaker.

Lead Body Diameter: 4 F to 6 F
Length: 110 cm



Available in different curves
(Custom curve configurations available upon request)

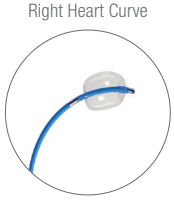


HELIOS™

FLOW DIRECTED TEMPORARY PACING LEAD WITH BALLOON

The Helios™ temporary pacing lead with 8 mm balloon is a latex-free radiopaque flow directed bipolar temporary pacing lead with balloon. It is suitable for both recording intracardiac signals and temporary pacing.

Lead Body Diameter: 5 F
Length: 110 cm
Curves: Straight or Right Heart



TME™

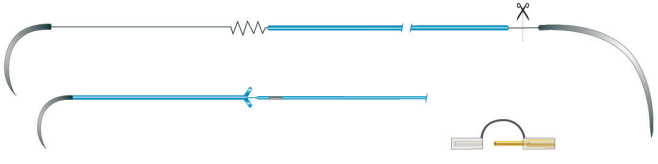
TEMPORARY MYOCARDIAL HEARTWIRES

The Oscor TME™ line of temporary myocardial pacing wires (heartwires) are designed to provide consistent temporary sensing and pacing during and after cardiac surgery while providing minimal trauma to the myocardium.

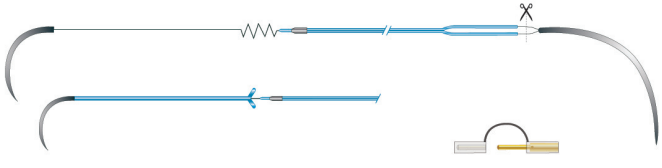
Features:

- Zig-zag, tines, or v-hook fixation mechanism
- Unipolar, bipolar, bipolar pediatric, quadripolar, or quadripolar pediatric series
- Curved or straight thoracic needle
- Single wire or bifurcated wire design
- Supplied with 2 mm pin adaptors

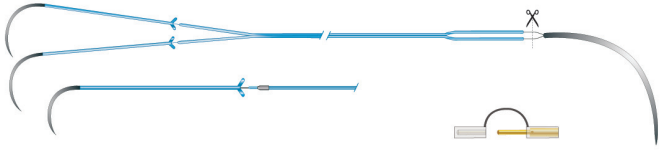
UNIPOLAR SERIES



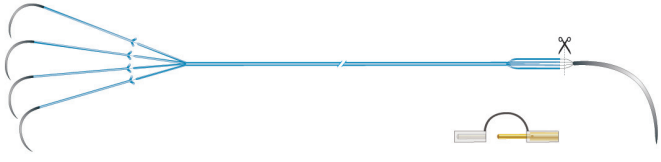
BIPOLAR SERIES



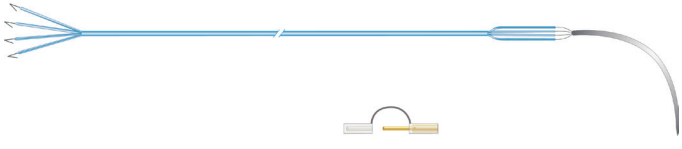
BIPOLAR PEDIATRIC SERIES



QUADRIPOLAR SERIES



QUADRIPOLAR PEDIATRIC SERIES



oscor | *for life!*

Incorporating over 30 years experience in external pulse generator design, state of the art pacing technology, and attention to ergonomic design features. Oscor's line of external pacemakers include single chamber, dual chamber, and the world's first and only triple chamber devices. All Oscor external pulse generators are compatible with Oscor's line of temporary pacing leads and connection cables.

PACE 101H

SINGLE CHAMBER-TEMPORARY CARDIAC PACEMAKER (SSI)





PACE 203H

DUAL CHAMBER-TEMPORARY CARDIAC PACEMAKER (DDD)

PACE 300

TRIPLE CHAMBER-TEMPORARY CARDIAC PACEMAKER (CRT)

**Not available for US market*



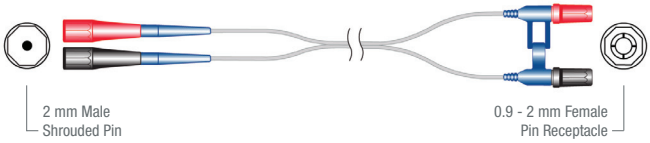
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Extension Cables

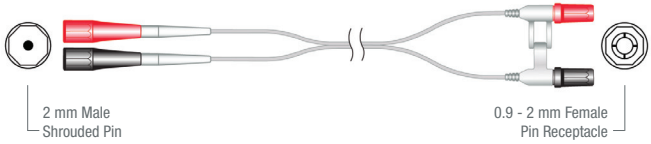
Oscor also offers temporary extension cables to connect temporary pacing leads (like Oscor TB Series) and pacing wires (like Oscor TME™ Series) to external pacemakers (like Oscor PACE 101H, 203H, or 300). The extension cable features the patented 2 mm protected quick connection allowing safe and fast connection to pacemaker and temporary pacing lead or wire. The receptacle portion of the cables accepts pacing lead/wire connectors ranging from 2 mm down to 0.9 mm connectors or needles.

For a complete list of models contact sales@oscor.com
**Custom cable configurations are available upon request*

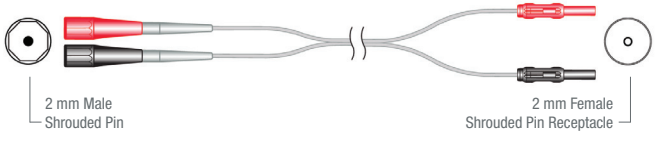
ATAR-A SERIES *(Color coded for Atrium)*



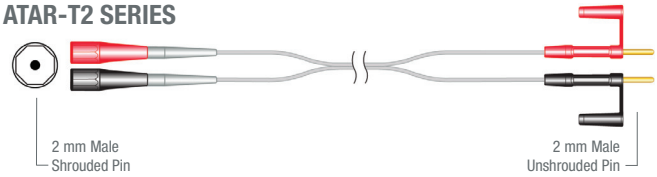
ATAR-V SERIES *(Color coded for Ventricle)*



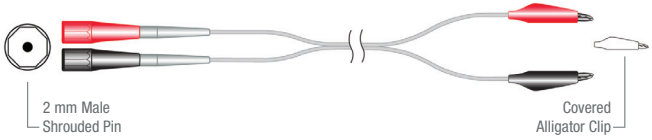
ATAR-T SERIES



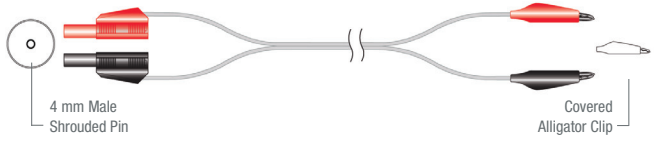
ATAR-T2 SERIES



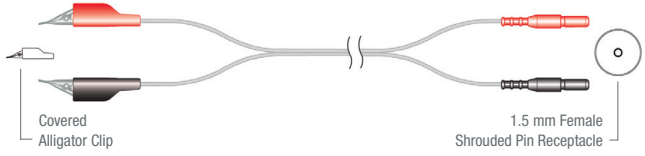
ATAR-R SERIES



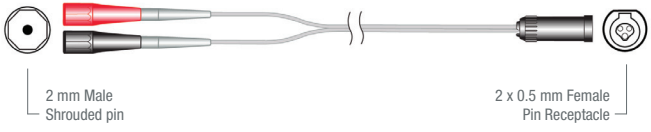
ATAR-R T4P SERIES



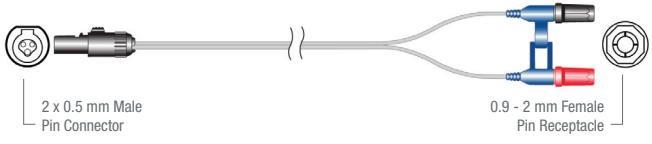
ATAR-R NP SERIES



ATAR-MDT SERIES



ATAR-MDT2 SERIES



ACERO

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Oscor's new line of stainless steel tables addresses a wide range of laboratory and cleanroom requirements, while providing corrosion proof performance, ensuring long life and maximum value for your investment.

Features:

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- Built from medical grade 304 L stainless steel
- Optimum load bearing performance up to 400 pounds
- Heavy duty casters with 4 position swivel lock and side foot brake
- Ergonomic rounded 180° rolled edges throughout
- Easy to assemble in minutes
- Custom design available upon request
- Made in the USA



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Medical OEM Solutions

Oscor is offering its medical device experience and its engineering and manufacturing capabilities on an OEM basis to solve your medical device requirements and needs. Our product development team provides project management, engineering services, rapid prototyping, product testing, process validation, volume production setup, and all the way to cost reduction management.

We offer:

- Product development
- Rapid prototyping
- Product testing
- Global regulatory services
- High volume cleanroom manufacturing
- Turnkey packaging
- Sterilization - Validation and Services
- Low cost offshore manufacturing
- Worldwide distribution and inventory management

Our in-house vertical capabilities:

- Product engineering and project management
- Mold and tooling, design, and manufacturing
- Injection molding (Insert, overmolding, LIM, micromolding)
- Tubing extrusion (profile, multilumen, coextrusion)
- Braiding and coiling
- Tipping, pad printing, coating
- Laser welding, marking, cutting
- CNC machining
- Cleanroom manufacturing
- Turnkey packaging
- Sterilization
- Global Regulatory
- Global Distribution



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