Oscor Inc. designs, develops, manufactures and markets a variety of highly specialized diagnostic devices including catheters, introducer kits, fixed-curve guide sheaths and steerable guide sheaths used to facilitate vascular access for your interventional cardiology, electrophysiology, radiology, vascular surgery, oncology and peripheral needs.

Oscor’s wide variety of product lines also include temporary external pacemakers, temporary pacing leads and temporary heartwires, implantable lead adaptors, pacing accessories, custom products and more.

Oscor sells its products world-wide through a combination of direct sales efforts and authorized distributors. Oscor is also a proud supplier to the leading medical device companies on an Original Equipment Manufacturer (OEM) basis.
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, 23, 30 or 45 cm
Dilator Lengths: 19, 26, 34 or 49 cm
Accepts Maximum Guidewire: 0.038 in

Packaging available in:
- Sheath, dilator and accessories
- Sheath and dilator only
- Bulk non-sterile

Products not available in all regions.
Adelante® SafeSheath Ultra Lite
*Peel Away Sheath with Valve*

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

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

Packaging available in:
* Sheath, dilator and accessories
* Sheath and dilator only
* Bulk non-sterile

*SafeSheath is a registered trademark of Pressure Products, Inc.*
Adelante® SafeSheath II
*Peel Away Sheath with Valve*

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 for aspirating and flushing the introducer.

Sheath ID Sizes: 6 F to 12.5 F
Sheath Lengths: 13 or 23 cm
Dilator Lengths: 19.5 or 28.5 cm
Accepts Maximum Guidewire: 0.038 in

Packaging available in:
- Sheath, dilator and accessories

*SafeSheath is a registered trademark of Pressure Products, Inc.*
Adelante® Sigma
Valved Access Sheath

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: 5 F to 11 F
Sheath Lengths: 10 or 23 cm
Dilator Lengths: 15 or 28 cm
Accepts Maximum Guidewire: 0.038 in

Packaging available in:
- Sheath, dilator and accessories
- Sheath, dilator and guidewire only
- Bulk non-sterile

Products not available in all regions.
**Adelante® Radial**
*Radial Access Sheath*

The Adelante® Radial is a high performance hydrophilic coated introducer sheath system optimized for radial access, featuring the latest in hemostatic valve technology for minimal blood loss during guidewire manipulation, diagnostic angiography and percutaneous coronary intervention. The Adelante® Radial features a low profile kink-resistant and hydrophilic coated sheath for smooth and atraumatic insertion and removal of the device. The Adelante® Radial represents the latest and newest in low profile introducer sheath technology.

Sheath ID Sizes: • 4 F, • 5 F or • 6 F
Sheath Lengths: 7, 10 or 25 cm
Dilator Lengths: 12, 15 or 30 cm
Accepts Maximum Guidewire: 0.021 in

**Packaging available in:**

**STARTER KIT:**
- Sheath & Dilator

**WIRE KIT:**
- Sheath, Dilator and Stainless Steel Guidewire

**SS KIT:**
- Sheath, Dilator, Stainless Steel Guidewire, Needle and Syringe

*Products not available in all regions.*
Adelante® Magnum
Large Access Sheath

The Adelante® Magnum is a high performance hemostatic valve introducer for large size vascular access. The Adelante® Magnum features a proprietary multilayer hydrophilic coated sheath, having a special designed distal tip portion to accept and tolerate the insertion and manipulation of large and complex devices. The Adelante® Magnum SureSeal™ technology facilitates optimum hemostasis, allowing the insertion of multiple catheters and wires simultaneously with minimal blood loss.

Sheath ID Sizes: • 16 F, • 18 F, • 19 F and • 21 F
Sheath Lengths: 20, 30 or 35 cm
Dilator Lengths: 25, 35 or 40 cm
Accepts Maximum Guidewire: 0.038 in

Packaging available in:
• Sheath and dilator only
• Bulk non-sterile

Products not available in all regions.
**Adelante® Breezeway**
*Fixed Guiding Sheath (EP)*

The Adelante® Breezeway® guiding sheath is intended for the percutaneous introduction of various types of cardiovascular catheters to all chambers of the heart, including transseptal puncture. The Adelante® Breezeway® features a proprietary braided Flexsteer™ hydrophobic coated sheath and the latest SureSeal™ technology.

Sheath ID Sizes: • 8 F and • 10 F
Sheath Lengths: 61 or 79 cm
Dilator Lengths: 66 or 84 cm
Accepts Maximum Guidewire: 0.035 in

**Packaging available in:**
- Sheath and dilator only
- Bulk non-sterile

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

*Products not available in all regions.*
**Destino™ Twist**

*Deflectable Steerable Guiding Sheath*

The Destino™ Twist is a steerable guiding sheath that offers a deflectable tip with an ergonomic handle. The Destino™ Twist is the ultimate tool for gaining access to the most difficult to reach sites, while maintaining hemostasis with Oscor SureSeal™ technology. The Destino™ Twist is your one sheath solution intended to facilitate the intracardiac, renal, and peripheral placements of diagnostic and therapeutic devices.

Sheath ID Sizes: 6.5 F, 7 F, 8.5 F, 12 F, 13.5 F
Sheath Lengths: 45, 55, 65, 67, 71, 73, 75 or 90 cm
Dilator Lengths: 63, 73, 83, 85, 89, 91, 93 or 108 cm
Curve Sizes: 9, 17, 22, 30, 35, 39, or 50 mm
Accepts Maximum Guidewire: 0.038 in

**Packaging available in:**
- Sheath and dilator only

(Ticha Damascelli (TD) Curve)

Available in different curves

*(Custom curve configurations available upon request)*

Products not available in all regions.
**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, and 12 F**
Sheath Lengths: 61, 67 or 71 cm
Dilator Lengths: 85, 90 or 94 cm
Curve Sizes: 17, 22, or 50 mm
Accepts Maximum Guidewire: 0.038 in

**Packaging available in:**
- Kit with accessories
- Sheath, dilator, and guidewire set
- Sheath and dilator only

Products not available in all regions.
**Guiding Sheaths**

**Destino™ Reach**  
*Bi-Directional Deflectable Guiding Sheath*

The Destino™ Reach is the next generation bi-directional steerable guiding sheath, featuring improved deflection, greater support and a low profile that provides ease of access. The Destino™ Reach is the ultimate tool for gaining access to the most difficult to reach sites, while maintaining hemostasis with Oscor SureSeal™ technology. The Destino™ Reach is intended for the introduction and placement of diagnostic and therapeutic devices into the human vasculature, including but not limited to intracardiac, transseptal, and other placements.

Sheath ID Sizes: 8.5 F, 10 F, and 12 F  
Sheath Lengths: 67, 71, 73, 75, or 77 cm  
Dilator Lengths: 85, 89, 90, 93 or 94 cm  
Curve Sizes: 17, 22, or 50 mm  
Accepts Maximum Guidewire: 0.038 in

**Packaging available in:**  
- Sheath and dilator only

*Products not available in all regions.*
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*
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

*Products not available in all regions.*
CONNECTION CABLES

ATAR™
Temporary Extension Cables

The ATAR™ Temporary Extension Cables connect temporary pacing leads (such as Oscor TB and Helios Series) and pacing wires (such as Oscor TME™ Series) to external pacemakers (such as Oscor PACE 101H, 203H, or 300). The extension cable features the patented 2 mm protected quick connection pin 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.

ATAR D-A (Color coded for Atrium)

ATAR D-R

ATAR D-V (Color coded for Ventricle)

ATAR D-MDT

ATAR D-MDT 2

Products not available in all regions.
Adaptors
*Implantable Lead Adaptors and Extensions*

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. 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 CE approval)*
  - Custom connections

*Products not available in all regions.*
ACCESSORIES

General Pacing Accessories
From cardiovascular pacing cables and adaptors, suture sleeves, lead stylets, introducer and surgical convenience kits to custom medical components, Oscor offers complete solutions for all your pacing, cardiac surgery and interventional accessory needs.

VV-PLUG (3.2 mm)

LV-1 PLUG

LIGATURE SLEEVE

PY FIXATION TOOL

IS4 / DS4 PLUG

GUIDEWIRE

Products not available in all regions.
ACCESSORIES

IS4/DF4 Plug

The IS4/DF4 plug fulfills the need to block the unused receptacle in a pacemaker/defibrillator header. The IS4/DF4 plug can be indicated for a patient with an implantable pacemaker/defibrillator that has an unused IS4/DF4 receptacle. The plug prevents the ingression of bodily fluids/blood inside the IS4/DF4 receptacle.

<table>
<thead>
<tr>
<th>Model #</th>
<th>IS4/DF4 Plug</th>
</tr>
</thead>
<tbody>
<tr>
<td>A — Overall Length</td>
<td>40 mm</td>
</tr>
<tr>
<td>B — Connector Length</td>
<td>22 mm</td>
</tr>
<tr>
<td>C — Silicone Extension Diameter</td>
<td>4 mm</td>
</tr>
<tr>
<td>D — Connector Diameter</td>
<td>3.20 mm</td>
</tr>
</tbody>
</table>

Products not available in all regions.
ACCESSORIES

VEIN PICKS

The Vein Pick is a disposable plastic accessory designed to facilitate introduction of lead, catheter or devices alike; in the event of cut-down procedure.

VEIN PICK - SHORT

9 mm

45 mm

VEIN PICK - LONG

10 mm

110 mm

Products not available in all regions.
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
PRODUCT CATEGORIES

Being a finished device manufacturer for over 35 Years, Oscor is the industry-leading outsourcing partner for turnkey design and manufacture of minimal invasive and long term implantable devices. We offer innovative solutions in the development of newest product platforms for:

- Cardiac Pacing Electrophysiology
- Neuro Stimulation
- Cardiovascular
- Peripheral
- Structural Heart
- Specialty Devices