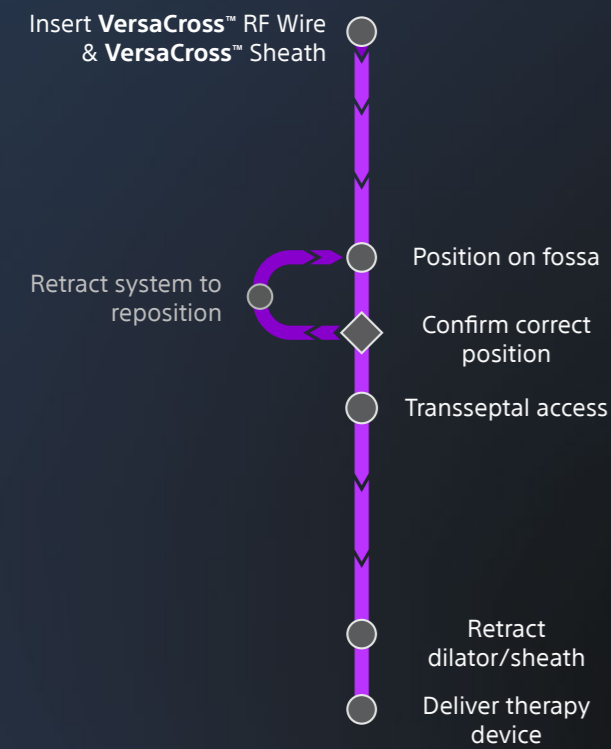
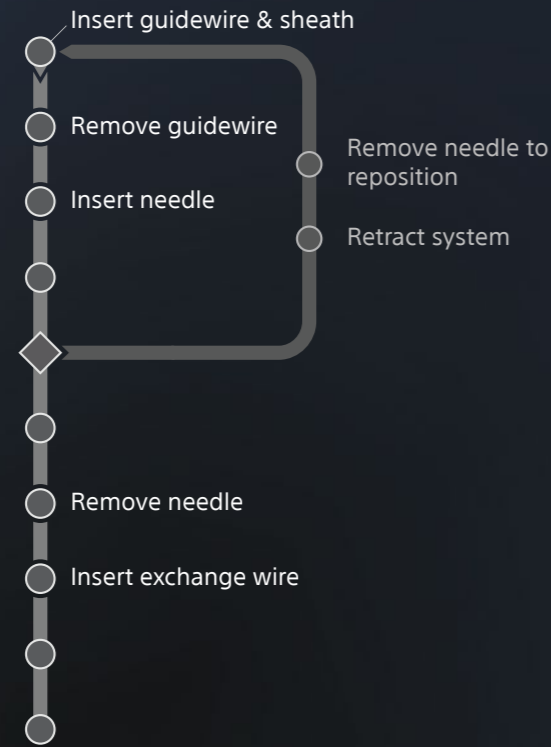


the **FAST TRACK** to
your therapy delivery in a single solution

VersaCross™ Workflow



Mechanical Needle Workflow



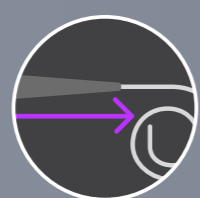
Eliminate exchanges



Access with precision



Secure effortless delivery



VersaCross™ RF Transseptal Solution

Full platform of tools to personalize your solution

Personalize your solution

- 1 Choose your **VersaCross™** RF Wire
- 2 Choose your **VersaCross™** Sheath to complete your solution available in Dilator curves D1 or D0 with **TRUform™** Shapeable Technology

J-tip Pigtail



VersaCross™ RF Wire

RF Wire length: 180 cm, 230 cm
Wire diameter: 0.035"
Curve diameter: 9 mm (J-tip), 24 mm (Pigtail)



A VersaCross™ Transseptal Sheath

French size compatibility: 8.5F (2.84 mm)
Sheath usable length: 63 cm, 81 cm
Dilator usable length: 67 cm, 85 cm



B VersaCross™ Steerable Sheath

Sheath curves: S (17 mm), M (22 mm), L (50 mm)
Bidirectional angles: 90 CCW, 180 CW

VersaCross™ RF Wire

CAUTION: Federal law (USA) restricts this device to sale by or on the order of a licensed practitioner. Rx only. Prior to use, please refer to all applicable "Instructions for Use" for more information on Intended Use/Indications for Use, Contraindications, Warnings, Precautions, Potential Adverse Events, and Operator's Instructions.

INTENDED USE/INDICATIONS FOR USE: The VersaCross™ RF Wire is indicated for creation of an atrial septal defect in the heart.

CONTRAINDICATIONS: The VersaCross™ RF Wire is not recommended for use with any conditions that do not require the creation of an atrial septal defect. The Connector Cable is not recommended for use with any other Baylis RF Generator or any other device.

WARNINGS: • Only physicians with a thorough understanding of angiography and percutaneous interventional procedures should use this device. It is recommended that physicians avail themselves of pre-clinical training, a review of pertinent literature and other appropriate education before attempting new interventional procedures. • The VersaCross RF Wire and Connector Cable are supplied STERILE using an ethylene oxide process. Do not use if the package is damaged. • Laboratory staff and patients can undergo significant x-ray exposure during RF puncture procedures due to the continuous usage of fluoroscopic imaging. This exposure can result in acute radiation injury as well as increased risk for somatic and genetic effects. Therefore, adequate measures must be taken to minimize this exposure. • The VersaCross RF Wire and Connector Cable are intended for single patient use only. Do not attempt to sterilize and reuse either devices. Reuse can cause patient injury and/or the communication of infectious disease(s) from one patient to another. Reuse may result in patient complications. • The VersaCross RF Wire must be used with the Connector Cable provided. Attempts to use it with other connector cables can result in electrocution of the patient and/or operator. • Do not use the VersaCross RF Wire with electrocautery or electrosurgery generators, connector cables or accessories as attempted use can result in patient and/or operator injury. • The Connector Cable must only be used with the RFR-100A Baylis RF Generator and the included VersaCross RF Wire. Attempts to use it with other RF Generators and devices can result in electrocution of the patient and/or operator. • The VersaCross RF Wire must be used with 0.035" compatible transseptal sheath and/or dilator devices. Use of incompatible accessory devices may damage the integrity of the VersaCross RF Wire or accessory devices and may cause patient injury. • The VersaCross RF Wire has only been validated for transseptal puncture use through VersaCross dilators which have been demonstrated to provide the required support for optimal function. • The active tip and distal curve of the VersaCross RF Wire are fragile. Be careful not to damage the tip or the distal curve while handling the VersaCross RF Wire. If the tip or the distal curve becomes damaged at any time during its use, discard the VersaCross RF Wire immediately. Do not attempt to straighten the active tip if bent. Damage to device can lead to patient injury. • The VersaCross RF Wire is not intended for use with neonatal patients (i.e. less than one month of age). • Do not attempt to treat neonatal patients with the VersaCross RF Wire. • Do not attempt to insert or retract the VersaCross RF wire through a metal cannula or a percutaneous needle, which may damage the device and may cause patient injury.

PRECAUTIONS: • Do not attempt to use the VersaCross RF Wire and the Connector Cable before thoroughly reading the accompanying Instructions for Use. • RF puncture procedures should be performed only by physicians thoroughly trained in the techniques of RF-powered puncture in a fully equipped catheterization laboratory. • The sterile packaging should be visually inspected prior to use. Do not use the devices if the packaging has been damaged or compromised. • Visually inspect the VersaCross RF Wire and Connector Cable prior to use to ensure there are no cracks or damage to the insulating material. Do not use the wire or the cable if there is any damage. • Do not use the VersaCross RF Wire and/or Connector Cable after the use-by date indicated on the label. • The VersaCross RF Wire and Connector Cable are intended for use with only those devices listed in Section VIII, Equipment Required. • Read and follow the manufacturer's Instructions For Use for the DIP electrode. Always use DIP electrodes that meet or exceed IEC 60601-2-2 requirements. • Placement of the DIP electrode on the thigh could be associated with higher impedance. • In order to prevent the risk of ignition, ensure that flammable materials are not present in the room during RF power application. • Take precautions to limit the effects that the electromagnetic interference (EMI) produced by the Baylis RF Generator may have on the performance of other equipment. Check the compatibility and safety of combinations of other physical monitoring and electrical apparatus to be used on the patient in addition to the Baylis RF Generator. • Adequate filtering must be used to allow continuous monitoring of the surface electrocardiogram (ECG) during RF power applications. • Do not attempt to insert and use the proximal end of the VersaCross RF Wire as the active tip. • Do not bend the VersaCross RF Wire or the Connector Cable. Excessive bending or kinking of the wire shaft, distal curve of the wire and/or the Connector Cable may damage the integrity of the device components and may cause patient injury. Care must be taken when handling the VersaCross RF Wire and Connector Cable. • Careful manipulation of the VersaCross RF Wire must be performed to avoid vessel trauma. If resistance is encountered, DO NOT use excessive force to advance or withdraw the VersaCross RF Wire or ancillary sheath and/or dilator assembly. Excessive force may lead to bending or kinking of the device limiting advancement and retraction of sheath and/or dilator device. • VersaCross RF Wire and ancillary sheath and/or dilator assembly advancement should be done under imaging guidance. The use of visible markers on the wire body are only an approximate guide for positioning the wire tip with the distal end of the dilator. • Do not attempt to deliver RF energy until the active tip of the VersaCross RF Wire is confirmed to be in good contact with the target tissue. • Avoid RF energy delivery of the VersaCross RF Wire with incompatible dilator or cannula devices, which may lead to patient burns, ineffective puncture or failure to puncture. • It is recommended not to exceed five (5) RF power applications per VersaCross RF Wire. • Never disconnect the Connector Cable from the Baylis RF Generator while RF power is being delivered. • Never disconnect the Connector Cable from the Baylis RF Generator by pulling on the cable. Failure to disconnect the cable properly may result in damage to the cable. • Do not twist the Connector Cable while inserting or removing it from the Isolated Patient Connector on the Baylis RF Generator. • Twisting the cable may result in damage to the pin connectors. • The Baylis RF Generator is capable of delivering significant electrical power. Patient or operator injury can result from improper handling of the VersaCross RF Wire and/or DIP electrode, particularly when operating the device. • During power delivery, the patient should not be allowed to come in contact with ground metal surfaces. • Apparent low power output or failure of the equipment to function properly at normal settings may indicate faulty application of the DIP electrode, failure to an electrical lead or poor tissue contact at the active tip. Check for obvious equipment defects or misapplication. Attempt to better position the active tip of the VersaCross RF Wire against the atrial septum. Only increase the power if low power output persists. • If using electroanatomical mapping guidance, it is recommended to use it along with alternative imaging modality in the event there is loss of visibility of the device.

POTENTIAL ADVERSE EVENTS: Adverse events that may occur while creating an atrial septal defect include: • Tamponade • Sepsis/Infection • Thromboembolic episodes • Vessel perforation • Atrial Fibrillation • Myocardial Infarction • Vessel spasm • Sustained arrhythmias • Atrial Flutter • Hemorrhage • Vascular thrombosis • Perforation of the myocardium • Hematoma • Allergic reaction to contrast medium • Ventricular Tachycardia • Pain and Tenderness • Arteriovenous fistula • Pericardial/pleural effusion • Tachycardia • Vascular Trauma • Additional Surgical Procedure • Wire entrapment/Entanglement • Foreign body/wire fracture

97184047 (Rev. C.5)

VersaCross™ Transseptal Sheath

CAUTION: Federal law (USA) restricts this device to sale by or on the order of a physician. Rx only. Prior to use, please see the complete "Instructions for Use" for more information on Indications, Contraindications, Warnings, Precautions, Adverse Events, and Operator's Instructions.

INDICATIONS FOR USE: The VersaCross™ Transseptal Sheath kit is used for the percutaneous introduction of various types of cardiovascular catheters and guidewires to all heart chambers, including the left atrium via transseptal perforation/puncture.

CONTRAINDICATIONS: There are no known contraindications for this device.

WARNINGS: • Laboratory staff and patients can undergo significant x-ray exposure during interventional procedures due to the continuous usage of fluoroscopic imaging. This exposure can result in acute radiation injury as well as increased risk for somatic and genetic effects. Therefore, adequate measures must be taken to minimize this exposure. The use of echocardiography is recommended. • The VersaCross Transseptal Sheath kit is intended for single patient use only. Do not attempt to sterilize and reuse the VersaCross Transseptal Sheath kit. Reuse can cause patient injury and/or the communication of infectious disease(s) from one patient to another. • The VersaCross Transseptal Sheath kit is supplied STERILE using an ethylene oxide process. Do not use if the package is damaged. • The sheath's shaft is coated with a lubricious coating. The following warnings must be considered: • Use of the sheath with introducer sheaths smaller than the size listed in the section below may result in a tight fit that affects device performance, including coating integrity. • Excessive wiping and/or wiping of the sheath with a dry gauze may damage the coating. • Manual shaping of the sheath distal curve shall be done with smooth motions along the curve without applying excessive pressure. Excessive manual bending and/or shaping of the sheath shaft may affect the coating integrity. • Care should be taken to ensure that all air is removed from the sheath before infusing through the side port. • Care should be taken when inserting or removing the dilator and catheters from the sheath. • Do not attempt direct percutaneous insertion of the sheath without the dilator as this may cause vessel injury. • Damage to guidewires may result if withdrawn through a metal cannula. • Careful manipulation must be performed to avoid cardiac damage or tamponade. Sheath advancement should be done under fluoroscopic guidance. Echocardiographic guidance is also recommended. • The Mechanical Guidewire is coated with a lubricious coating. The following warnings must be considered: • Use with incompatible introducers or dilators may affect device performance and integrity, including coating integrity. • Excessive manual bending and/or shaping of the device may affect the coating integrity.

PRECAUTIONS: • Do not attempt to use the VersaCross Transseptal Sheath kit before thoroughly reading the accompanying Instructions for Use. • Careful manipulation must be performed to avoid cardiac damage or tamponade. Sheath advancement and guidewire advancement should be done under fluoroscopic guidance. If resistance is encountered, DO NOT use excessive force to advance or withdraw the device. • The sterile packaging and sheath should be visually inspected prior to use. Do not use the device if it has been compromised or damaged. • Only physicians thoroughly trained in the techniques of the approach to be used should perform interventional procedures. • Only physicians or personnel trained in aseptic techniques should perform aseptic presentation. • Note product "Use By" date. • The VersaCross Transseptal Sheath is compatible with introducer sheaths 1FR or larger. • The VersaCross Transseptal Sheath and Dilator are compatible with transseptal devices and guidewires 0.25" or smaller. • The VersaCross Transseptal Sheath kit is NOT compatible with transseptal needles such as the "MIG™ Transseptal Needle". • Do not reshape distal tip or curve of the guidewire. Excessive bending or kinking of the distal curve may damage the integrity of the wire or coating and lead to patient injury. • Only use compatible tip straighteners with the guidewire. • Do not attempt to insert the proximal end of the guidewire as the distal end. • Confirm ancillary devices are compatible with the dilator and guidewire diameters before use. • Individual patient anatomy and physician technique may require procedural variations. • Do not attempt to use the guidewire with electrocautery tools. • Avoid guidewire contact with liquids other than blood, isopropyl alcohol, contrast solution or saline.

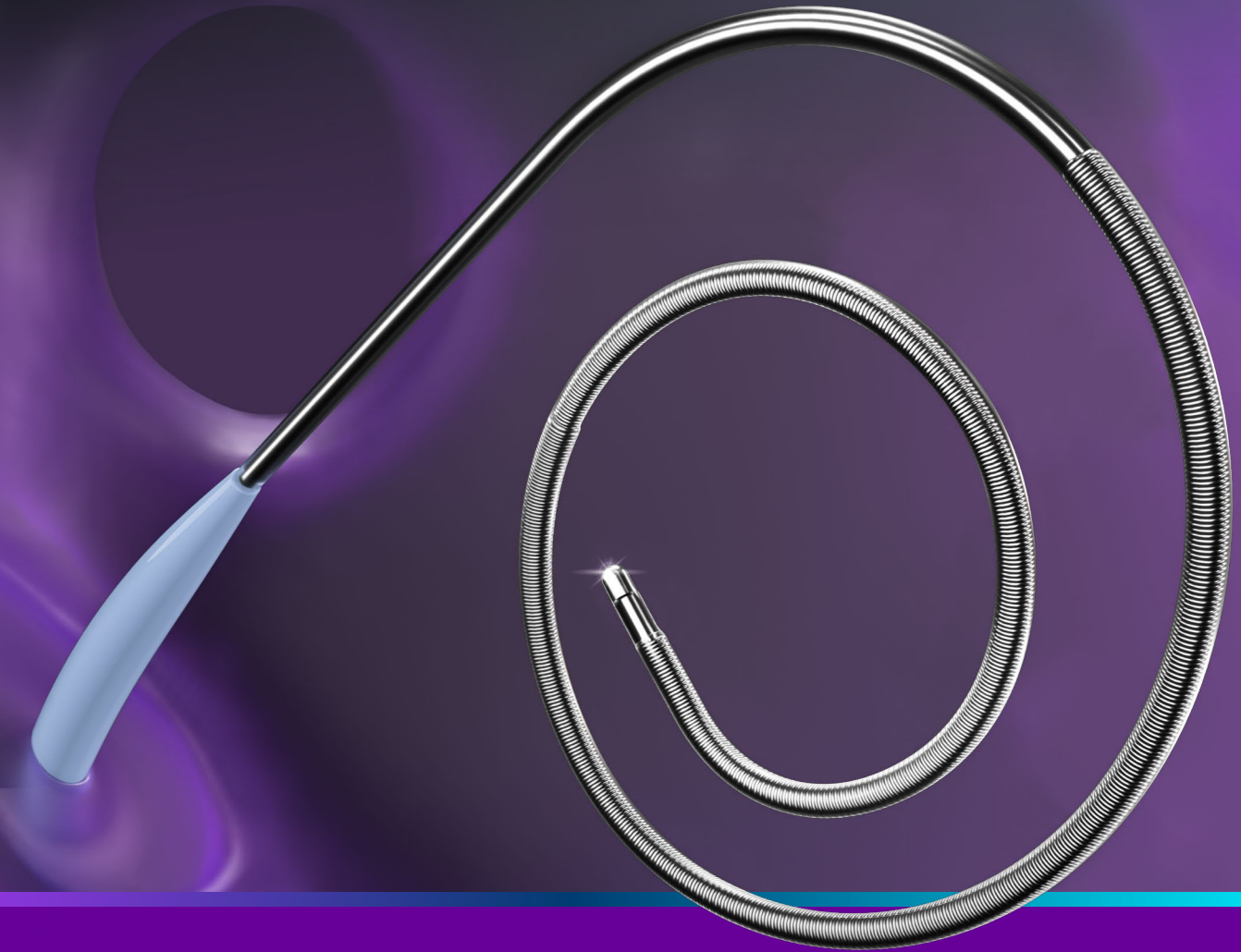
ADVERSE EVENTS: Adverse events that may occur while using the VersaCross™ Transseptal Sheath kit include: • Infection • Air embolus • Local nerve damage • Hemorrhage • Embolic events • Vessel spasm • AV fistula formation • Atrial septal defect • Pseudoaneurysm • Perforation and/or tamponade • Arrhythmias • Pericardial/pleural effusion • Hematoma • Vessel trauma • Valve damage • Catheter entrapment

97184142 (Rev. A.1)

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VersaCross™
RF Transseptal Solution



Boston Scientific
Advancing science for life™

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Canada: 1-888-359-9691

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EP-1545803-AA

TRANSSEPTAL REIMAGINED

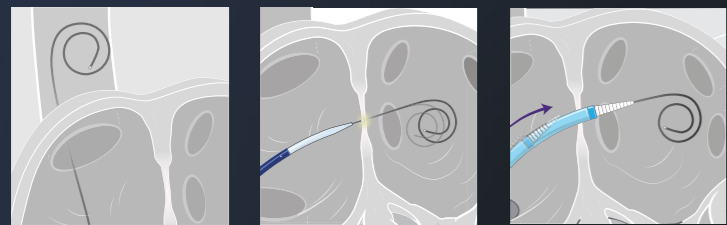
Fast track access-to-delivery with a single solution

the only **EXCHANGELESS*** solution for access-to-delivery of left heart therapy devices

V E R S A T I L I T Y

ELIMINATE EXCHANGES

Left heart access using a **SINGLE SOLUTION** from start to finish



Rewire and drop down to optimize transeptal location **WITHOUT THE HASSLE** of exchanging a needle

ACCESS WITH PRECISION

PRECISION RF PUNCTURE TECHNOLOGY to optimize transeptal location for any anatomy



TRUform™ SHAPEABLE TECHNOLOGY

Shapeable dilator with true-to-form curve retention



Snap-fit to maintain hands-free sheath-dilator alignment

SECURE EFFORTLESS DELIVERY

Instantly gain and maintain access **WITHOUT EXCHANGES**



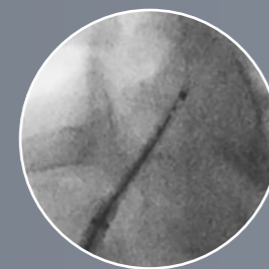
Sturdy 0.035" rail to deliver therapy devices with confidence

Flexible tip cushions against left atrial wall and reduces risk of perforation

*VersaCross™ RF Wire can be used, without exchanges, as a guidewire, as a transeptal puncture device or as an exchange rail for delivering therapy sheaths.

Know where you are at all times with

OMNIVIZ™ Technology



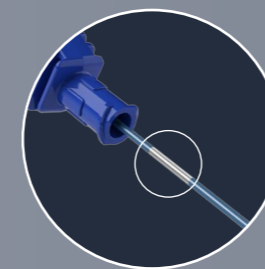
RADIOPAQUE

Visualize your entire solution on fluoroscopy



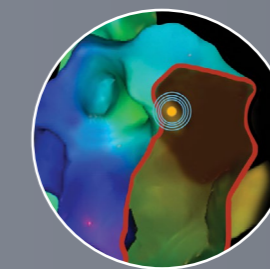
ECHOGENIC

Reliably locate your devices on ultrasound to reduce reliance on fluoroscopy



POSITIONAL MARKERS

Visibly confirm position of RF tip within dilator



MAPPING

Track and mark RF tip position on your mapping system

VersaCross™
RF Transeptal Solution