

# SEAMLESS CROSSING

HeartSpan<sup>®</sup>  
Transseptal Delivery System



# HEARTSPAN® TRANSSEPTAL NEEDLE

The HeartSpan Transseptal Needle combines advances in materials along with an ergonomic design engineered to enhance tactile and visual feedback during the transseptal puncture.

## PRODUCT FEATURES

### Exceptionally responsive

Needle backed up with enhanced stiffness

### Transparent handle

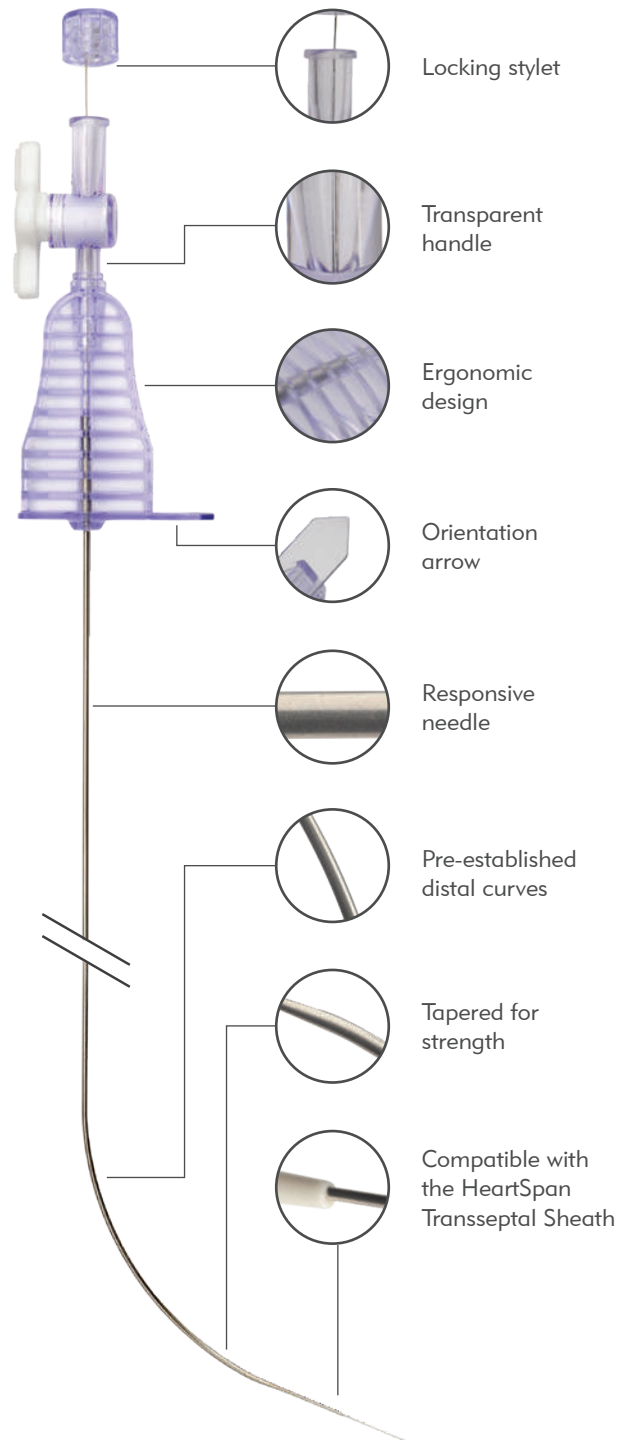
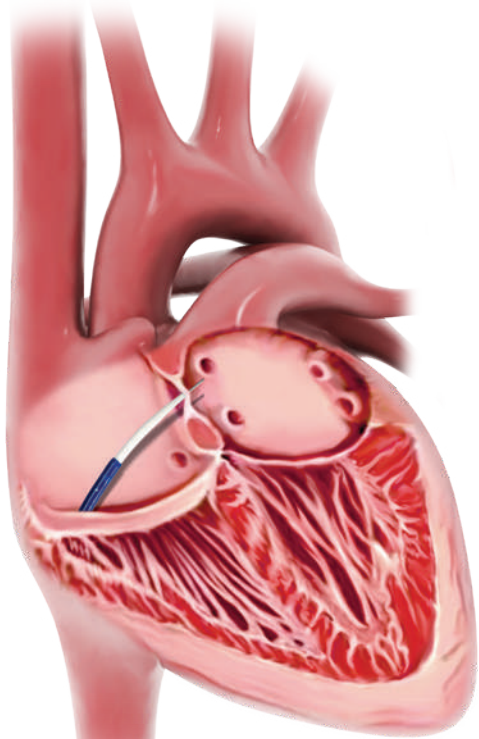
Allows direct visualization of bubbles before they travel distally

### Ergonomic design

Offers excellent handling characteristics

### Locking stylette

Provides guidance to the needle to reduce skiving



# HEARTSPAN® FIXED CURVE BRAIDED TRANSSEPTAL SHEATH

The HeartSpan Fixed Curve Braided Transseptal Sheath is designed to offer seamless dilator to sheath transition for ease of insertion and to reduce trauma when crossing the atrial septum. The braided sheath construction provides kink resistance and curve durability during long procedures. With multiple curve options, including the **NEW ML1** and **MLO** curves, the HeartSpan Fixed Curve Braided Transseptal Sheath allows you to reach various sites within the cardiac chamber.

## PRODUCT FEATURES

### Locking Dilator

Sheath and dilator lock to provide a smooth crossing profile during transseptal puncture

### Integrated hemostatic valve

Designed to reduce air introduction and backflow

### 3-way stopcock

Allows for flushing and aspiration

### Lubricious Coating

Reduces friction when exchanging EP catheters

### Radiopaque Braided Sheath

Braided steel core for controlled torqueability

### Dual Holes

Minimize cavitation

### Embedded platinum marker

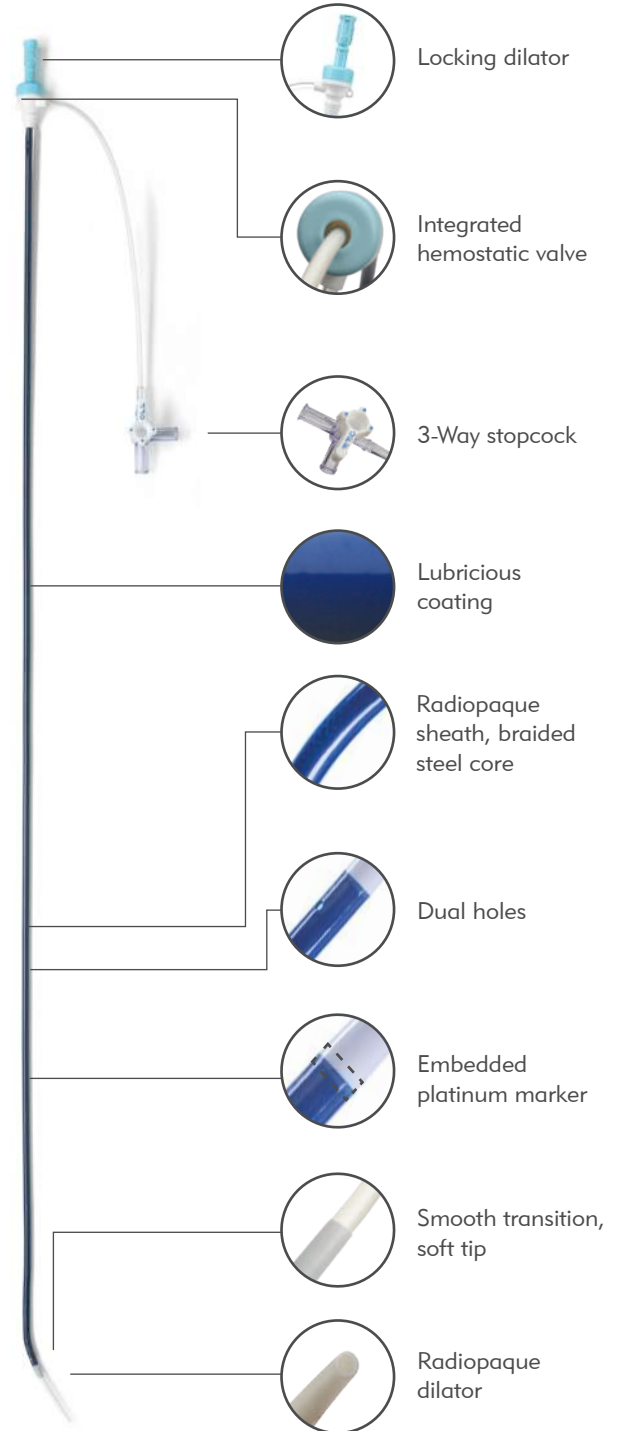
For enhanced visibility under fluoroscopy

### Smooth Transition, Soft tip

Atraumatic distal tip with low profile around dilator for smooth advancement across septal tissue

### Radiopaque Dilator

Enables visualization





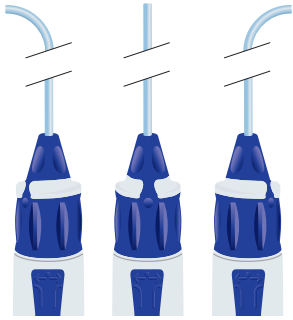
**\*NEW  
CURVES  
AVAILABLE**

| Curve | Intended Position   | Possible Ablation Targets          |
|-------|---------------------|------------------------------------|
| 45°   | Superior            | Atrial roof line                   |
| *ML0  | Superior to lateral | PVI                                |
| *ML1  | Anterior to lateral | PVI                                |
| 90°   | Lateral             | Mitral Isthmus                     |
| 120°  | Lateral to Inferior | Posterior Accessory Pathway        |
| 135°  | Lateral to Inferior | Posterior/Septal Accessory Pathway |
| 150°  | Inferior            | Septal Accessory Pathway           |

Seven curve **CHOICES** with excellent curve **DURABILITY** to fit various cardiac anatomy

# HEARTSPAN® STEERABLE SHEATH INTRODUCER

The 8.5F HeartSpan Steerable Sheath Introducer is designed to offer a softer, flexible tip to reduce the risk of atrial wall perforation. The Neutral Position Indicator aids in understanding the directionality of the distal tip with a tactile click of the dial. When navigating cardiac chambers, the sheath is designed to deliver an ergonomic and comfortable control for more precise articulation.



## NEUTRAL POSITION INDICATOR

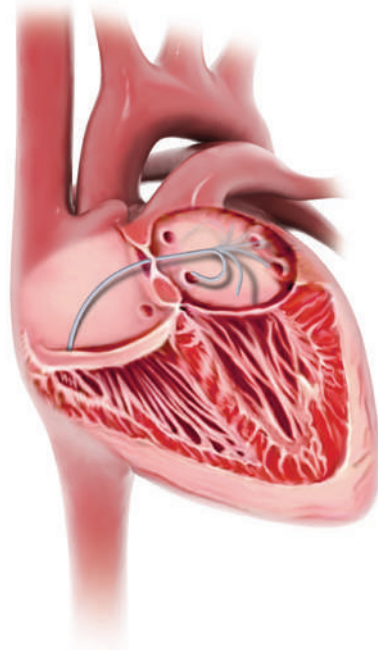
**Know your Direction**  
With a tactile click at neutral position, move from 0° to 180° to achieve the desired curve within the atrial chamber.

## LOWER CROSSING PROFILE

Seamless dilator to sheath transition for smooth advancement across the atrial septum.

## CURVE DURABILITY

The braided construct provides the strength and support needed for longer cases.



## PRODUCT FEATURES

- Atraumatic tip
- Distal side holes
- Radiopaque marker band
- Lubricious coating
- Braided construction
- Side port with three-way stopcock
- Hemostatic valve that reduces bleed back and air embolism

# HeartSpan®

Transseptal Delivery System

## BY PHYSICIANS FOR PHYSICIANS

Merit Medical continues to improve and evolve its Transseptal Delivery System using guidance and input from physicians. Recently added features including navigation and new curves are direct results of this input. We believe that we can offer a transseptal solution that is unparalleled in the industry.

### HEARTSPAN® FIXED CURVE BRAIDED SHEATH

| Part Number | French Size | Length | Angle | Compatible Needle Length |
|-------------|-------------|--------|-------|--------------------------|
| FCB856345   | 8.5F        | 63 cm  | 45°   | 71 cm                    |
| FCB8563ML0  | 8.5F        | 63 cm  | ML0   | 71 cm                    |
| FCB856390   | 8.5F        | 63 cm  | 90°   | 71 cm                    |
| FCB8563120  | 8.5F        | 63 cm  | 120°  | 71 cm                    |
| FCB8563135  | 8.5F        | 63 cm  | 135°  | 71 cm                    |
| FCB8563150  | 8.5F        | 63 cm  | 150°  | 71 cm                    |
| FCB8563ML1  | 8.5F        | 63 cm  | ML1   | 71 cm                    |
| FCB858145   | 8.5F        | 81 cm  | 45°   | 89 cm                    |
| FCB8581ML0  | 8.5F        | 81 cm  | ML0   | 89 cm                    |
| FCB858190   | 8.5F        | 81 cm  | 90°   | 89 cm                    |
| FCB8581120  | 8.5F        | 81 cm  | 120°  | 89 cm                    |
| FCB8581135  | 8.5F        | 81 cm  | 135°  | 89 cm                    |
| FCB8581150  | 8.5F        | 81 cm  | 150°  | 89 cm                    |
| FCB8581ML1  | 8.5F        | 81 cm  | ML1   | 89 cm                    |

Packaged in 1 kit per box

#### KIT CONTENTS

- (1) Fixed Curve Braided Sheath
- (1) Dilator
- (1) 0.032" x 180 cm guidewire

### HEARTSPAN® STEERABLE SHEATH INTRODUCER

| Part Number | Curl Type | Curl Size | Compatible Needle Length |
|-------------|-----------|-----------|--------------------------|
| HST-085-00  | Small     | 16.4 mm   | 98 cm                    |
| HST-085-10  | Medium    | 22.4 mm   | 98 cm                    |
| HST-085-20  | Large     | 50.0 mm   | 98 cm                    |

Packaged in 1 kit per box

#### KIT CONTENTS

- (1) Steerable Sheath
- (1) Dilator
- (1) 0.032" x 180cm guidewire

### HEARTSPAN® TRANSEPTAL NEEDLES

| Part Number | Length | Curve Angle | Tip Gauge |
|-------------|--------|-------------|-----------|
| FND-019-00  | 56 cm  | 50° Curve   | 22        |
| FND-019-01  | 71 cm  | 50° Curve   | 21        |
| FND-019-02  | 71 cm  | 86° Curve   | 21        |
| FND-019-03  | 89 cm  | 50° Curve   | 21        |
| FND-019-04  | 89 cm  | 86° Curve   | 21        |
| FND-019-05  | 98 cm  | 50° Curve   | 21        |
| FND-019-06  | 98 cm  | 86° Curve   | 21        |

Packaged in 1 kit per box

#### KIT CONTENTS

- (1) Transseptal Needle
- (1) Stylette

Before using refer to Instructions for Use for indications, contraindications, warnings, precautions, and directions for use.



Understand. Innovate. Deliver.™

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