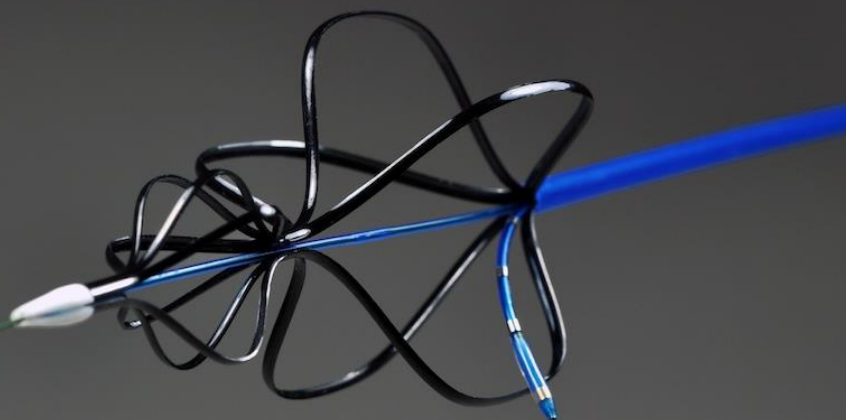


SAFE  
ACCURATE  
CONTROLLED

# KAPSUS

NEXT GENERATION  
TRANS-SEPTAL PUNCTURE DEVICE



The Kapsus system is an **enabling device** for a **safe, accurate** and **controlled** puncture from right to left atrium.

## Technical Specifications

- Flexible puncture needle with controllable angle
- 85 cm working length
- 12 Fr compatible
- Compatible over a 0.025" guidewire
- 0.018" guidewire delivery into left atrium

## SAFETY FEATURES

### **Anchoring device**

The deployment of the housing within the superior vena cava and right atrium provides stability to the delivery system and needle during puncture.

### **Prevention of needle slippage**

A delivery system within the housing holds the needle in place.

### **Pre-loaded needle system**

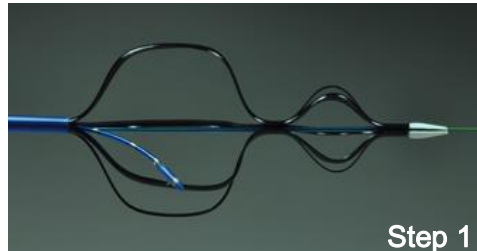
Eliminates the risk of scraping the tube and particle release.

### **Controlled puncture distance**

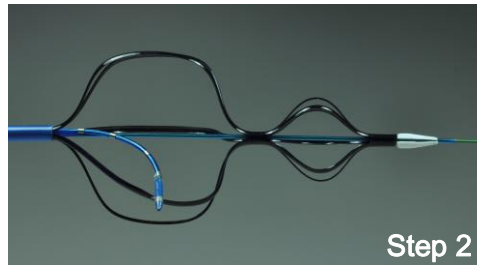
Puncture distance is pre-determined within the handle.

### **Compatible with Fluoroscope and Echocardiography**

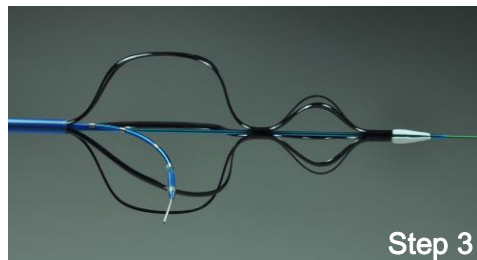
Ensures proper positioning of the device against the target.



Step 1



Step 2



Step 3

CONTROLLED ANGLE OF ATTACK

## HOW IT WORKS

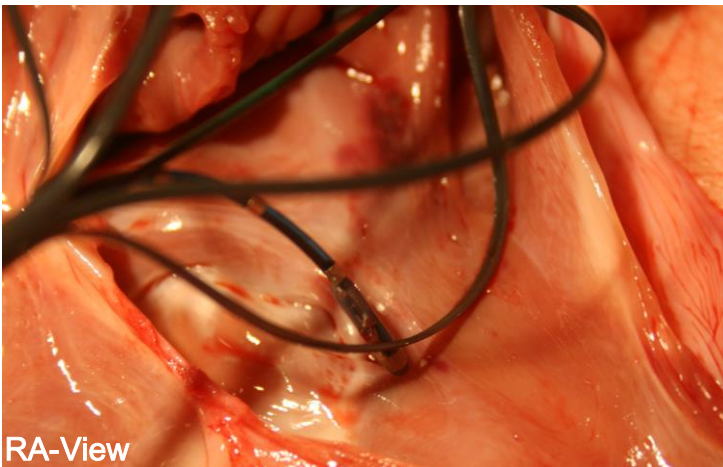
The device is introduced over a 0.025" guidewire and positioned so the distal tip is anchored in the superior vena cava. Once positioned, the housing is deployed in the right atrium. The expanded housing anchors the device in the superior vena cava (SVC) and right atrium (RA), providing exceptional stability for accurate puncture.

Radiopaque markers enable the physician to confirm the "ideal" 5 o'clock position using Intracardiac Echocardiography (ICE) or fluoroscopy. Small adjustments can be made and,

more importantly, the housing secures the positioning

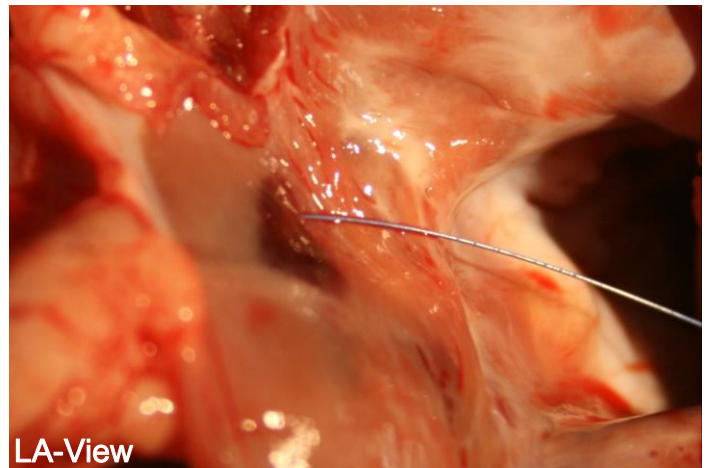
The delivery system maintains perpendicularity to the fossa ovalis (FO), enabling a fast, accurate and safe puncture across the septum.

After confirming access to the left atrium, a 0.018" guidewire is threaded through the needle and left in place. The Kapsus is then withdrawn.



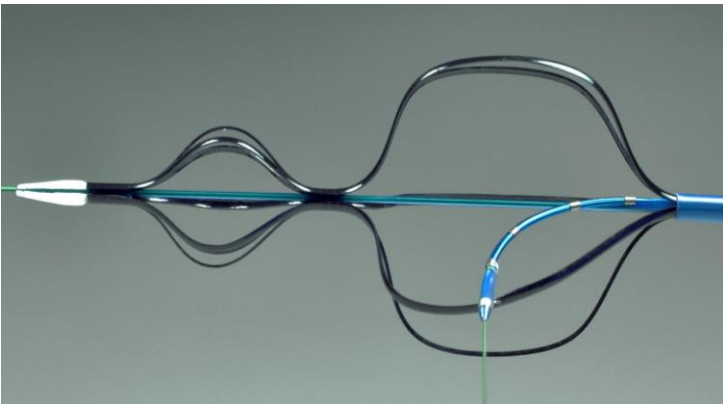
RA-View

DELIVERY SYSTEM IN THE RIGHT ATRIUM



LA-View

GUIDEWIRE DELIVERY IN THE LEFT ATRIUM



**DEVELOPMENT STATUS - CE-MARK EXPECTED BY JULY 2014**