

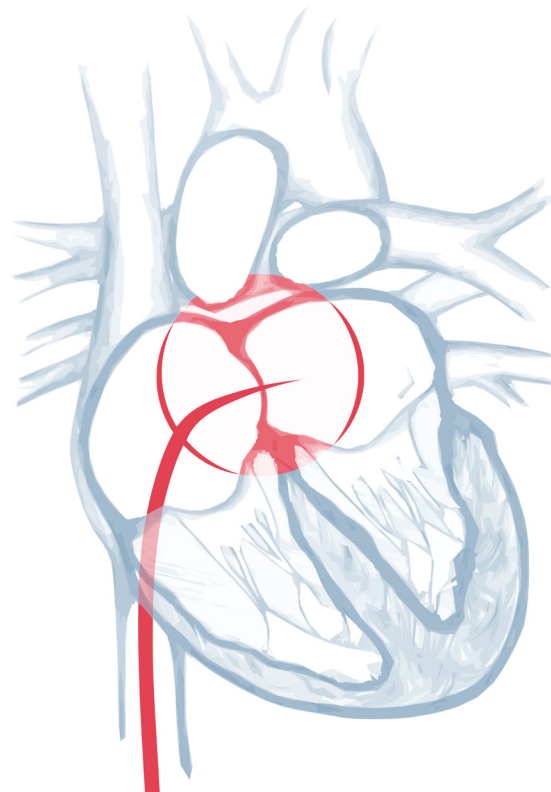
# TRANSSEPTAL PUNCTURE TRAINING

USING

**BIOMODEX® LAACS™**



**AN INNOVATIVE APPROACH FOR ADVANCED PHYSICIAN TRAINING**



BIOMODEX® LAACS™  
STATION

+



TRANSSEPTAL  
CARTRIDGE

=



TRANSSEPTAL  
TRAINING

- ✓ TEE AND ICE COMPATIBLE WITH OUR PROPRIETARY ECHOTECH® TECHNOLOGY
- ✓ MULTI-MATERIAL 3D PRINTED MODEL PROVIDING REALISTIC HAPTIC FEEDBACK
- ✓ SINGLE-USE SEPTUM AND MULTI-USE CARTRIDGE
- ✓ LIGHTWEIGHT, PORTABLE, PLUG-AND-PLAY STATION

Disclaimer: This product is not a medical device and is not intended to diagnose, treat, cure, or prevent any health condition. BIOMODEX® products have been designed for training and their safety and effectiveness as medical devices have not been demonstrated.

# TRANSSEPTAL PUNCTURE TRAINING



## KEY FEATURES



Multi-Use Cartridge & Single-Use Septums

- Anatomical twin for transseptal puncture training
- ECHOTECH® is a proprietary\* technology that models the acoustic properties of the tissues and allows for the visualization of 3D printed anatomical twins using ultrasound (TEE, ICE)
- INVIVOTECH® is a proprietary\* technology that integrates tissue biomechanics in 3D printed anatomical twins
- Plug-and-play septum
- Reusable cartridge includes inferior and superior vena cava, right atrium, aorta and mitral annulus

## STATION



BIOMODEX® LAACS™ Station

- For use in cathlab
- Femoral approach simulation
- TEE access via simulated esophagus
- ICE compatible via femoral access
- Contrast agent and X-ray compatible
- Compact and portable
- Plug-and-play



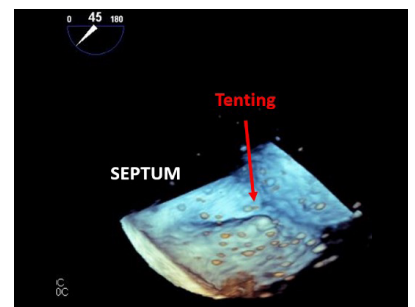
BIOMODEX® LAACS™ Station Package

## TRANSSEPTAL PROCEDURAL STEPS



2D TEE View:  
Interatrial Septum And Aorta

- Femoral approach via simulated IVC
- TEE probe manipulation and X-ray compatible to guide the procedure
- Tenting on fossa ovalis
- Measurement between puncture site and mitral annulus
- Transseptal puncture



3D TEE View - Tenting On The Septum

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