# LAA CLOSURE

## 

Left Atrial Appendage Closure System

## AN INNOVATIVE APPROACH FOR ADVANCED PHYSICIAN TRAINING AND PATIENT SPECIFIC REHEARSAL



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.



## LAA CLOSURE



#### **KEY FEATURES**



Single-Use LAA Cartridge

- ▶ Anatomical twin for LAAC (left atrial appendage closure) procedures
- ECHOTECH<sup>®</sup> 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<sup>®</sup> is a proprietary\* technology that integrates tissue biomechanics in 3D printed anatomical twins
- Includes inferior and superior vena cava, right and left atriums, fossa ovalis, left upper pulmonary vein, aorta and left atrial appendage



BIOMODEX<sup>®</sup> LAACS<sup>™</sup> Station

#### **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
- Vilug-and-play



BIOMODEX<sup>®</sup> LAACS<sup>™</sup> Station Package



Transseptal (Ultrasound 2D and 3D Images)

#### LAA CLOSURE PROCEDURAL STEPS

- Femoral approach via simulated IVC
  TEE probe manipulation
- Image-guided transseptal puncture
- Image guided transseptal puncture
  Image-guided device deployment
- Image-guided device tug test
- Controlled injection



Injected LAA (Fluoroscopy)

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### **BIOMODEX.COM**



\*Patent pending





PML\_0046\_Rev\_C