**LEFT ATRIAL APPENDAGE OCCLUSION**

**HANDS-ON TRAINING FOR LEFT ATRIAL APPENDAGE CLOSURE**

Mentice Left Atrial Appendage Occlusion is designed for electrophysiologists, interventional cardiologists and cardiac surgeons who wish to improve their own or their team’s understanding of the fundamental steps and critical points for successful LAA occlusion.

This module assumes familiarity with echocardiography, expert knowledge of the left atrial (LA) anatomy, and extensive experience with transseptal puncture techniques, endovascular interventions and cardiac catheterization techniques.

TEE is available during the whole procedure – from examination of the LAA before intervention, to safe crossing of the septum, assessment of the dimensions of the LAA and finally for secure deployment of the cardiac plug and assessment of device configuration after deployment.

Training on variations of anatomies and adverse events is carried out in a safe simulated environment, which prepares the operator for real procedures in the cath lab.

**KEY TRAINING OBJECTIVES**

- Learn about patient selection and contraindications
- Perform a safe transseptal puncture using fluoroscopy and TEE
- Carefully navigate the left atrium and appendage
- Choose correct sized devices based on anatomy and measurements
- Demonstrate correct implantation of the device in the LAA
- Use fluoroscopy and TEE to confirm correct placement
- Understand the signs of successful deployment
- Prevent and manage cardiac tamponade
- Avoid deep LAA placement and cul-de-sac formation

**KEY BENEFITS**

- Perform safe puncture of the fossa ovalis to access the LAA
- Learn to use fluoroscopy and TEE during all steps of the procedure
- Practice deployment of closure devices in a risk-free environment
- Learn how to reduce dose exposure
- Improve team collaboration
FEATURES AND FUNCTIONALITIES

• Ability to use real clinical devices
• Includes most common LAA anatomies
• Transesophageal Echocardiography (TEE) imaging throughout the procedure
• Virtual manipulation of TEE probe
• Transseptal Puncture to gain access to the left atrium (LA)
• Assessment and sizing of LAA using both fluoroscopy and TEE
• Augmented visualizations for TEE and LA
• Various complications like air embolism, cardiac tamponade, aortic puncture and perforation of the LA

THIS TRAINING MODULE IS DESIGNED FOR

• Interventional cardiologists

RELATED MODULES

• Atrial septal defect and patent foramen ovale occlusion

CASE LAYOUT

• Total of 3 cases covering most common LAA variations
  For case descriptions please contact us.

For more information, please visit mentice.com/left-atrial-appendage-occlusion
Or email info@mentice.com