

# INSIDE THE CHAMBERS: A HANDS-ON APPROACH TO STRUCTURAL HEART INTERVENTIONS

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# EXPECTED OUTCOME & EDUCATIONAL NEED/ PRACTICE GAP

#### Practice Gap:

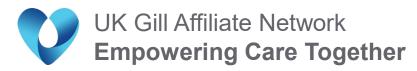
 Clinicians often lack sufficient hands-on experience and updated knowledge of structural heart interventions such as left atrial appendage occlusion, transcatheter edge-to-edge repair, and TAVR.

#### Educational Need:

 There is a need for interactive education that reinforces anatomical understanding, device fundamentals, and current clinical indications through practical, case-based learning.

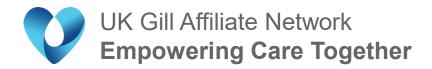
#### Expected Outcome:

 Participants will improve competence and confidence in planning and performing advanced structural heart procedures, ultimately enhancing patient outcomes.



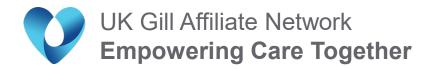
#### **FACULTY DISCLOSURE**

 None of the presenters in this session have any relevant financial relationships with ineligible companies to disclose.



#### **OBJECTIVES**

- By the end of this activity, participants will be able to:
  - Describe the anatomy of the left atrial appendage and evaluate the principles of device placement for left atrial appendage occlusion (Watchman) through demonstration with a porcine heart.
  - Explain the fundamentals of transcatheter edge-to-edge repair (MitraClip and TriClip) and apply hands-on learning techniques to understand device use.
  - Identify the latest clinical indications for transcatheter aortic valve replacement (TAVR) and assess procedural considerations through direct interaction with an implanting physician.



### SESSION PRESENTERS



Andrew Leventhal, MD, PhD Medical Director, Adult Congenital Heart Disease

UK Gill Heart & Vascular Institute



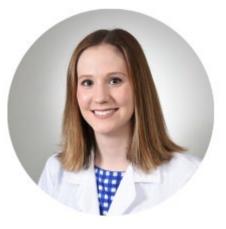
Jimer Battaile, BSN, RN Structural Heart Program Nurse Coordinator

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John Gurley, MD Medical Director, Structural Heart Program

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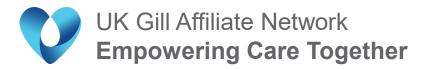
Kate Alnabelsi, PA-C Structural Heart Advanced Practice Provider

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Naoki Misumida, MD, FACC, FSCAI Medical Director, Cardiac Catheterization Lab

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#### **SESSION STATIONS**

STATION 1

Station 1: Left Atrial Appendage Occlusion (Watchman) Gain an understanding of left atrial appendage anatomy and observe device placement through a demonstration with a porcine heart.

STATION 2

Station 2: Transcatheter Edge-to-Edge Repair (MitraClip and TriClip)

Explore the fundamentals of this advanced technology and engage in hands-on learning with the device.

STATION 3

Station 3: Transcatheter Aortic Valve Replacement Learn about the latest indications for TAVR and interact directly with an implanting physician.



## LET'S HIT THE TRAIL!



