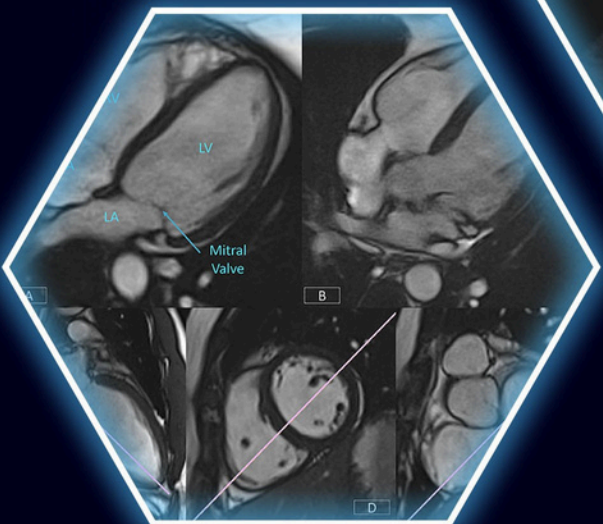
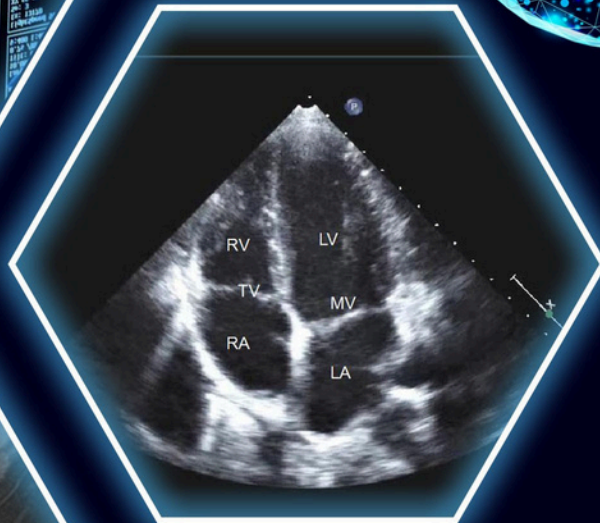
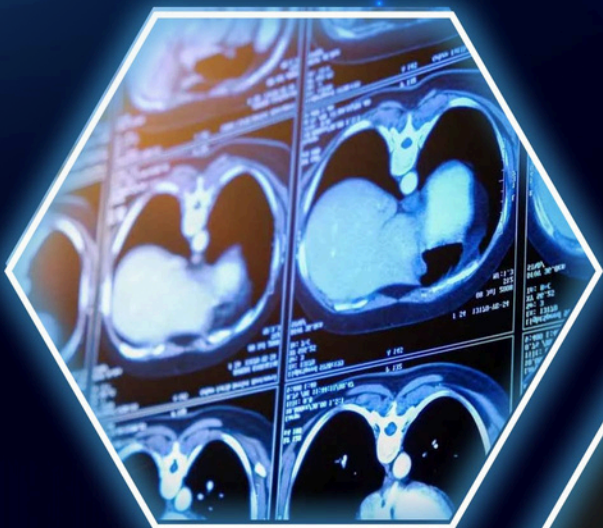


# Multimodality Imaging Techniques

17-19 OCTOBER 2025

ADN CoE Training  
& Research Center



# INFORMATION BOOKLET

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# 17 OCTOBER 2025

|                                   |  |
|-----------------------------------|--|
| <b>09:00</b>                      | Opening Remarks and Introduction   |
| <b>09:15</b>                      | Welcome address<br>Overview of the meeting agenda and objectives<br><i>-Hani Mahmoud-Elsayed</i>                               |
| <b>09:15</b><br><b>09:45</b>      | Theoretical presentation<br>How to perform 2D-Trans-Esophageal Echocardiography (Step-by-step)<br><i>-Hani Mahmoud-Elsayed</i> |
| <b>09:45</b><br><b>10:45</b>      | Parallel Hands-on sessions (Normal anatomy) TEE Simulator<br><i>-Assoc. Prof. Münevver Sari</i>                                |
| <b>10:45 - 11:00</b> Coffee Break |  |
| <b>11:00</b><br><b>11:30</b>      | Live-demonstration (Philips Echo machine)<br>3D-Trans-Thoracic acquisition, Cropping & display<br><i>-Hani Mahmoud-Elsayed</i> |
| <b>11:30</b><br><b>12:30</b>      | Hands-On (Philips Echo Machine) 3D-TTE acquisition and Display<br><i>-Assoc. Prof. Münevver Sari</i>                           |
| <b>12:30-13:30</b> Lunch Break    |  |
| <b>13:30</b><br><b>14:00</b>      | Theoretical presentation<br>Basics of 3D-Trans-Esophageal Echocardiography<br><i>-Hani Mahmoud-Elsayed</i>                     |
| <b>14:00</b><br><b>15:00</b>      | Parallel Hands-on sessions (pathologies) TE Simulator<br><i>-Assoc. Prof. Münevver Sari</i>                                    |
| <b>15:00-15:30</b> Coffee Break   |  |
| <b>15:30</b><br><b>16:30</b>      | Hands-on session<br><i>-Assoc. Prof. Münevver Sari</i><br>Advanced offline analysis (Ultrasound Workspace) stations            |



# 18 OCTOBER 2025

09:00 Welcome  
09:15

## Session 1

09:30 CCTA Protocol, Patient preparation, Image acquisition  
10:00 -Ibrahim Altun

10:00 CCTA Quantitative and Qualitative Coronary plaque evaluation  
10:30 -Diaa Hakim

10:30 Extra coronary Cardiac Findings  
11:00 -Diaa Hakim

11:00 Incidental and extra cardiac findings  
11:30 -Ibrahim Altun

11:30 CCTA cases, Read with the Expert  
12:30 -Diaa Hakim

12:30 - 13:30 Lunch Break

## Session 2

13:30 FFR-CT  
14:00 -Diaa Hakim

14:00 TAVI protocol and Image Acquisition  
14:30 -Dr. Ibrahim Altun

14:30 Pre TAVI evaluation and measurements  
15:00 -Diaa Hakim

15:00 Peripheral Arterial Evaluation before TAVI  
15:30 -Ibrahim Altun

15:30 - 16:00 Coffee Break

16:00 Post-TAVI evaluation  
16:30 -Diaa Hakim

16:30 Read with the Expert, Pre and Post TAVI evaluation on workstations  
17:00 -Diaa Hakim, - Ibrahim Altun

17:00 Q&A  
17:30

# 19 OCTOBER 2025

|                      |  |
|----------------------|--|
| <b>09:00</b>         | Welcome  |
| <b>09:15</b>         | -Dr. Ibrahim Altun, Dr. Ali Ahmad, Dr. Ramazan Akdemir         |
| <b>09:15</b>         | Cardiovascular Magnetic Resonance (CMR) Physics for Clinicians |
| <b>09:35</b>         | -Dr. Ali Ahmad   |
| <b>09:35</b>         | Planes, Sequences and Image Acquisition                        |
| <b>10:00</b>         | -Dr. Ibrahim Altun   |
| <b>10:00</b>         | Indications and Contraindications of CMR and CMR Safety        |
| <b>10:20</b>         | -Dr. Ibrahim Altun   |
| <b>10:20</b>         | Left ventricular Volume and Function Analysis                  |
| <b>10:40</b>         | -Dr. Ibrahim Altun   |
| <b>10:45 - 11:00</b> | Coffee Break   |
| <b>11:00</b>         | Role of CMR in Myocarditis                                     |
| <b>11:20</b>         | -Dr. Ramazan Akdemir   |
| <b>11:20</b>         | Role of CMR in Ischemic Heart Disease                          |
| <b>11:40</b>         | -Dr. Ali Ahmad   |
| <b>11:40</b>         | Stress Perfusion CMR   |
| <b>12:00</b>         | -Dr. Ali Ahmad   |
| <b>12:00</b>         | Hands-On CMR with Cases  |
| <b>13:00</b>         | -Dr. Ramazan Akdemir   |
| <b>13:00 - 14:00</b> | Lunch Break  |
| <b>14:00</b>         | Role of CMR in Hypertrophic Cardiomyopathy                     |
| <b>14:20</b>         | -Dr. Ibrahim Altun   |
| <b>14:20</b>         | Role of CMR in Dilated Cardiomyopathy                          |
| <b>14:40</b>         | -Dr. Ali Ahmad   |
| <b>14:40</b>         | Role of CMR in Fabry Disease, Amyloidosis, Hemochromatosis     |
| <b>15:00</b>         | -Dr. Ali Ahmad   |
| <b>15:00</b>         | Role of CMR in Pericardial disease                             |
| <b>15:30</b>         | -Dr. Ali Ahmad   |
| <b>15:20</b>         | Role of CMR in Congenital Heart Disease                        |
| <b>15:50</b>         | -Dr. Ramazan Akdemir   |
| <b>15:50</b>         | Closing Remarks and Certification                              |
| <b>16:30</b>         |  |

# INSTRUCTORS



## **Prof. Dr. Ibrahim ALTUN**

Prof. Dr. Ibrahim ALTUN is a distinguished Cardiologist specializing in Cardiac CT and Cardiac MRI. With extensive training from Istanbul University and a tenure at Mugla Sitki Kocman University Medical Faculty, he excels in evaluating conditions like coronary artery disease and congenital heart disorders. Dr. ALTUN received his medical education from Istanbul University, Cerrahpasa Medical School, and completed his residency in Cardiology at Istanbul University, Istanbul Medical School.

He further honed his expertise through various Consultant Cardiologist positions at different State hospitals before joining Mugla Sitki Kocman University, School of Medicine, where he has served for over 10 years. Dr. ALTUN also conducted research and training at the University of Oxford Centre for Clinical Magnetic Resonance Research (OCMR) in OXFORD, United Kingdom. His expertise is recognized through certifications and active participation in prestigious medical associations like ESC, EACVI and TSC. Dr. ALTUN's commitment to sharing knowledge is evident through his impactful presentations on cardiac MRI and CT at various conferences, showcasing his dedication to advancing cardiovascular care and imaging.



## **Dr. Hani Mahmoud-ELSAYED**

Dr. Hani Mahmoud-Elsayed, MBBCh, MSc, FASE, FEACVI, is a Consultant Cardiologist and Director of the Echocardiography Lab at Aswan Heart Centre, Egypt. He has trained extensively in the UK and USA, with board certification from the National Board of Echocardiography and EACVI CMR Level I accreditation. Dr. Mahmoud-Elsayed is a prolific researcher and educator, contributing to international journals and textbooks, and leads numerous echocardiography workshops and online courses.

# INSTRUCTORS



## **Assist. Prof. Ali F. O. Ahmad**

A highly respected Ohio-based cardiologist, recognized for excellence in patient care and medical leadership, he has received multiple Medical Excellence and Patient Championship Awards and ranks among the top in patient satisfaction at Bon Secours Mercy Health. From 2021 to 2023, he served as Chief of Staff at Mercy Tiffin Hospital, and he currently holds a vital role on the Medical Executive Committee.

He is board-certified across several cardiovascular specialties, with expertise in non-invasive cardiovascular imaging, particularly for structural heart interventions. As a volunteer Assistant Professor at the University of Toledo, he teaches cardiovascular imaging to medical students and fellows, demonstrating a strong commitment to mentoring and education.



## **Prof. Dr. Diah HAKIM**

MD, Ph.D., FESC. Interventional Cardiologist, director of the Vascular and Intravascular Imaging Core Laboratory, Brigham and Women's Hospital/Harvard Medical School. Professor of Cardiovascular Medicine. He is board certified in Interventional Cardiology, Cardiovascular Imaging, and Cardiac CT. Prof. Dr. Diah Hakim is an experienced Interventional Cardiologist with a demonstrated history of working at university hospitals & healthcare facilities and research foundations.

He is skilled in general cardiology, interventional cardiology, cardiovascular Imaging (CT, MRI), Intravascular Imaging (IVUS, OCT), and clinical research. Professional expert with a board of Interventional cardiology and cardiovascular imaging from the University Paris Descartes. Clinical and research experience from Columbia University, Cardiovascular Research Foundation, NY, Yale University, and Harvard University.

# INSTRUCTORS



## **Prof. Dr. Ramazan Akdemir**

A distinguished Cardiologist specializing in Interventional Cardiology and Cardiac Magnetic Resonance Imaging (MRI). After completing his Doctor of Medicine degree at Ege University and a cardiology residency at Koşuyolu Research and Education Hospital, he pursued advanced training, earning a master's degree in Cardiac MRI from Universites Francisco De Vitoria in Madrid, Spain, in 2022.

Prof. Akdemir has held prominent roles in both clinical and academic settings, contributing significantly to the diagnosis and treatment of complex cardiovascular diseases, including coronary artery disease, valvular disorders, and heart failure. His academic endeavors emphasize innovation in interventional cardiology and non-invasive imaging, bolstered by leadership in clinical trials and numerous publications in prestigious medical journals.



## **Assoc. Prof. Münevver Sarı**

Is a distinguished Cardiology Specialist and Associate Professor at Istanbul Kartal Koşuyolu High Specialization Training and Research Hospital, where she has been contributing for years. She began her tenure at the hospital as a Cardiologist in 2015, later earning her Associate Professorship in March 2022. Prior to this, Assoc. Prof. Sarı served as a Cardiology Specialist at Mudanya State Hospital (2014–2015) and Birecik State Hospital (2012–2014), where she developed a patient-centered approach and advanced her expertise in cardiovascular care.

Assoc. Prof. Sarı continues to combine her clinical expertise with academic contributions, striving to provide high-quality healthcare and promote preventive cardiovascular practices.



# VENUE

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### BOOKING POLICY

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|------------|------------|
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| Hotel      | Restaurant |
| Restaurant | Hotel      |
| Hotel      | Hospital   |
| Hospital   | Airport    |

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You can contact us for your private transfer requests.

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