



ADN CoE[®]



Advanced Cardiac Imaging Fellowship Program

ADVANCED CARDIAC IMAGING FELLOWSHIP PROGRAM

BOOKLET NO 1: INFORMATION BOOKLET

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ADN CoE®

WARNING

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Revolutionizing Continuous Medical Education

Welcome to ADN CoE®, where we believe in creating superior processes to achieve exceptional results. With over 15 years of experience in Continuous Medical Education (CME), we take pride in delivering unparalleled convenience and value to our esteemed partners.

At ADN CoE®, we understand the significance of fostering a strong connection between medical professionals and the latest advancements in their respective fields. Our mission is to facilitate a platform where physicians with exemplary practices and expertise can come together to share knowledge and best practices.

Our journey began with a deep-rooted motivation to address the needs of healthcare professionals like yourself, who exhibit unwavering dedication to your patients and a strong commitment to your craft. We acknowledge that continuous medical education is not just an obligation but an integral part of your growth and success as a healthcare provider.

As experts in the field of CME, we pledge to offer you a seamless and enriching experience, curating specialized events, and learning opportunities that align with your professional interests and goals. By collaborating with ADN CoE®, you gain access to a network of exceptional physicians, cutting-edge resources, and transformative insights that can shape the future of medical practice.

We are excited to embark on this journey with you, fostering a community of like-minded healthcare professionals who aspire to make a meaningful impact on patient care through continuous learning and growth. Together, let us elevate the standards of medical education and reinforce our commitment to enhancing patient outcomes.

Thank you for choosing ADN CoE® as your preferred partner in continuous medical education. We look forward to empowering your journey toward excellence.



OUR MISSION

We are dedicated to the pursuit of excellence in the dynamic healthcare landscape. We recognize the importance of continuously enhancing value and elevating quality standards. With this in mind, our mission is to foster global collaboration among esteemed medical practitioners and organizations, facilitating the exchange of knowledge. Through this exchange, we aim to uplift the standards of care and enhance the well-being of communities worldwide. Furthermore, we strive to optimize operational performance and deliver superior value to patients



& VISION

At ADN CoE, we envision a world where our comprehensive trainings and mentorship programs empower clinicians to provide optimal healthcare for all. As we train the next generation of healthcare professionals, our ultimate vision is to create an environment where their expertise supports the delivery of exceptional patient care. We are committed to providing and advancing high-quality learning opportunities for healthcare professionals who are catalysts for continuous improvements in patient care.



Advanced Cardiac Imaging Fellowship: Echo, CT, and MRI Integration Fellowship Program

Program Overview:

This advanced fellowship is curated for cardiologists, radiologists, imaging specialists, and fellows seeking in-depth expertise in non-invasive and advanced cardiac imaging. It blends comprehensive theoretical learning with hands-on experience in echocardiography, CT, MRI, nuclear imaging, and AI-driven image analysis.

Fellows will master techniques in structural and functional cardiac imaging, valvular disease evaluation, ischemia assessment, congenital anomalies, and pre-interventional planning. Emphasis is also placed on integrating imaging into clinical decision-making and interventional workflows.

Target Audience:

- Cardiologists and cardiac imaging specialists
- Radiologists with interest in cardiovascular imaging
- Imaging-focused fellows and trainees
- Clinicians preparing for cardiac imaging board exams

Program Structure:

Duration: 3–6 months (flexible according to participant goals)

Format: Hybrid (Self-paced online + Onsite hands-on simulation)

Key Features:

- Lectures from renowned cardiac imaging experts
- Case-based learning with real-world datasets
- Hands-on training in cardiac MRI, CT, echo workstations
- AI-assisted image analysis tools (e.g., Medis Suite, Segment CMR)
- Interactive board-style review sessions
- Integration with interventional cardiology planning

Program Curriculum

Module 1: Foundations of Cardiac Imaging

- Cardiac anatomy and physiology through imaging
- Physics and principles of echocardiography, CT, MRI, PET
- Imaging safety and contrast use protocols
- Role of AI & emerging technologies in cardiovascular diagnostics

Module 2: Structural and Functional Evaluation

- Advanced transthoracic & transesophageal echocardiography (TTE/TEE)
- CT angiography for coronary artery disease
- Cardiac MRI for cardiomyopathies and viability
- PET and SPECT for myocardial perfusion

Module 3: Disease-Focused Imaging

- Imaging in ischemic heart disease
- Valvular pathology assessment (TAVI planning, MitraClip, etc.)
- Imaging cardiomyopathies & myocarditis
- Congenital heart disease in adults
- Cardio-oncology imaging

Module 4: Image Processing & Quantitative Analysis

- Workstation training (Circle CVI, Medis, EchoPAC)
- 3D reconstruction & post-processing techniques
- Strain imaging, perfusion mapping, and flow quantification
- AI and radiomics applications in cardiology

Module 5: Clinical Application & Research

- Diagnostic vs. prognostic imaging use
- Case-based heart team simulations
- Standardized reporting and medico-legal considerations
- Research pathways & data science in cardiac imaging

Learning Methods:

- Live Interactive Lectures by global imaging leaders
- Hands-On Workstation Training at ADN CoE Simulation Center
- Real Clinical Case Discussions and decision-making simulations
- 1-on-1 Faculty Mentorship throughout the fellowship



Advanced Cardiac Imaging Fellowship: Echo, CT, and MRI Integration Fellowship Program

Onsite Training in Istanbul at ADN CoE's Istanbul Center

- **Simulation Lab** with cardiac CT/MRI workstations
- **Live Imaging Observations** during interventional procedures
- **AI Toolkits** for quantitative analysis and clinical prediction

Registration Fees

Standard Registration (Hybrid Model):

€6,000 – €8,000

- Includes online learning, live discussions, and 2–3 days of on-site simulation
- Certification of Completion

Premium Registration (Extended Hands-on & Research)

€9,000 – €12,000

- Includes in-depth mentorship, project work, extended on-site training
- Advanced Certificate + Research Supervision

Online-Only Option (For those unable to attend in-person sessions)

€3,500 – €5,000

- Full access to recorded lectures and virtual tools
- Digital Certification

Additional Opportunities

- Group discounts for hospitals, universities, or research institutions
- Flexible pricing for different regions

How to Apply:

interested candidates must submit the following documents to the program director:

- **Letter of Interest:** A personal statement outlining your motivations, career aspirations, and reasons for pursuing this Fellowship Program.
- **Letters of Recommendation:** Three or more letters of recommendation from faculty members or professionals familiar with your clinical and procedural abilities.
- **Current CV:** An updated curriculum vitae detailing your education, training, clinical experience, research activities, and publications, if applicable.
- **University Diploma:** A copy of your university diploma as proof of your higher education degree.
- **High School Diploma:** A copy of your high school diploma as proof of your educational background.
- **3x5 Photo (.jpg format):** A recent photograph of yourself in 3x5 size and jpg format
- **Financial Statement:** A financial statement indicating your financial capacity for the fellowship period, preferably the latest 6
- **Exchange Suitability Certificate:** A certificate from your university indicating your suitability for participating in an exchange program, if applicable
- **Passport Documents:** Copies of your passport pages. Please ensure that your passport is valid for the duration of the fellowship period.

All application documents should be professionally submitted following specified format guidelines.



HOW TO APPLY

FELLOWSHIP APPLICATION PROCESS

- **Application Deadline:** Applications must be submitted at least 2 months before the fellowship program's start date.
- **Efficient Review:** Our team ensures a prompt review of all received applications, expediting the selection process.
- **Invitation-Only Interviews:** Shortlisted candidates will receive invitations to participate in virtual interviews conducted over Zoom.
- **Program Commencement:** The fellowship program commences on the first day of the designated month.
- **Flexible Fellowship Durations:** We offer fellowship durations ranging from 6 to 9 months, as well as one- and two-year options.



GENERAL INFORMATION

ADN COE'S BANK DETAILS

Garanti Bank-ADN COE EĞİTİM DANIŞMANLIK VE ORGANİZASYON LIMITED SİRKETİ

TL Account IBAN	TR89 0006 2000 4430 0006 2943 38
Bank Account Number	708-6297110
Dolar Account IBAN	TR66 0006 2000 4430 0009 0646 84
Bank Account Number	708-9074907
Euro Account IBAN	TR93 0006 2000 4430 0009 0646 83
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