



Erasmus Course
**ON MAGNETIC
RESONANCE
IMAGING**

**Cardiovascular
MRI with CT
correlation**

June
23rd - 25th

2022

Panorama Hotel
Thessaloniki,
GREECE

www.emricourse.org

FINAL PROGRAM



Welcome Address

Dear all,

We would like to welcome you to the **Erasmus Course on Magnetic Resonance Imaging, Cardiovascular MRI with CT correlation**, in **Thessaloniki, Greece** on **June 23rd-25th, 2022**. This fascinating Course is dedicated to Advanced Cardiovascular Imaging, covering multiple hot and interesting topics, with highly educative and didactic lectures. Different pathologies and important issues for daily clinical practice will be discussed in plenary sessions, as well as the technological advances that contribute to a faster and more reliable diagnosis including future perspectives. Workshops will be given to practice image processing tools for Cardiovascular MRI and CT and to discuss interesting clinical cases.

Participants will have the opportunity to familiarize themselves with the basic knowledge as well as the advanced applications of cardiovascular normal or pathologic conditions and by the end of the meeting they will improve their ability to assess difficult tasks in the diagnosis and treatment of cardiovascular diseases.

The course is aimed at Radiologists, Cardiologists, MRI and CT Technicians, Residents in Radiology and Cardiology, Physicians and Physicists who currently work or will work in the future with MRI and/or CT regarding cardiovascular diagnosis.

Sincerely,

Course Organizers

Dr. Alexandros Kallifatidis

Radiologist, MD, PhD, EBCR, FEACVI
Head of Advanced Cardiovascular
Imaging Unit
St. Luke's Hospital, Thessaloniki, Greece

Prof. dr. Hildo J. Lamb

MD, PhD, Professor of Radiology and
Director of Cardiovascular Imaging,
Leiden University Medical Center,
The Netherlands

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Program

Thursday 23rd June 2022

08.15 -08.45	Registration
08.45 - 09.00	Welcome - Introduction
09.00 - 09.25	Cardiac MRI: a glimpse to the sequences - Artifacts and solutions F. Santini
09.25 - 09.50	Cardiac CT protocols - Artifacts and solutions K. Michailidis
09.50 - 10.15	Cardiac anatomy (CMR and CCT) A. Kallifatidis
10.15 - 10.35	Coronary arteries: Anatomy - Variants - Anomalies J. Alves Costa
10.35 - 11.00	CMR and CCT: challenges in acquisition: how do I manage difficult cases? L. Natale
11.00 - 11.30	Coffee break
11.30 - 13.30	Workshop I-II CT & MRI: Cardiac Anatomy-Techniques-Artifacts
13.30 - 15.00	Lunch break



Program

Thursday 23rd June 2022

CCT and CMR: Ischemic heart disease

- | | |
|---------------|--|
| 15.00 - 15.20 | Guideline update on ischemic heart disease
C. Bakogiannis |
| 15.20 - 15.40 | CAD-RADS update
K. Michailidis |
| 15.40 - 16.05 | CCT perfusion - CCT FFR
M. Francone |
| 16.05 - 16.30 | Feel no stress and...do your best...stress cardiac MRI
A. Kallifatidis |
| 16.30 - 16.55 | CMR in ischemic cardiomyopathy
H. Lamb |
| 17.00 - 18.00 | Workshop CMR - CT ischemic heart disease, stress perfusion |

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Friday 24th June 2022

09.00 - 09.25	Cardiac CT: Plaque characterization G. Korosoglou
09.25 - 09.45	Guideline update on non ischemic cardiomyopathy E. Theoflogiannakos
09.45 - 10.10	The role of LGE differentiating non ischemic myocardial diseases L. Natale
10.10 - 10.35	Parametric imaging (T1, T2, T2* mapping) and recent developments in iron quantification H. Lamb
10.35 - 11.00	Myocarditis (in COVID-19 Era) N. Lama
11.00 - 11.30	Coffee break
11.30 - 12.00	CMR: Hypertrophic phenotype A. Kallifatidis
12.00 - 12.30	CMR: Dilated phenotype T.D. Karamitsos
12.30 - 13.30	Workshop non ischemic cardiomyopathies I
13.30 - 15.00	Lunch break
15.00 - 15.30	Diabetes Imaging H. Lamb
15.30 - 16.00	Iron overload (Heart - Liver) A. Kallifatidis - E. Alexiou
16.00 - 18.00	Workshop non ischemic cardiomyopathies II-III



Program

Saturday 25th June 2022

09.00 - 09.30	Evaluation of congenital heart disease: why, when, how D. Loggitsi
09.30 - 10.00	Congenital heart disease: Interventional procedures A. Tzifa
10.00 - 10.30	4D Flow MR, Valves and the CT A. Azarine
10.30 - 11.00	Cardiac CT: TAVI, TMVR and more C. Mourmouris
11.00 - 11.30	Coffee break
11.30 - 13.30	Workshop 4D flow, valve disease, congenital heart disease
13.30 - 15.00	Lunch break
15.00 - 15.30	Artificial intelligence basics and cardiovascular applications H. Lamb
15.30 - 16.00	Cardiac masses and pericardium L. Natale
16.00 - 17.30	Workshop TAVI - Plaque - Stenosis
17.45 - 18.15	Test



Speakers

Alexiou Evangelos

MD, PhD, Radiologist,
Head of Radiology Department
Larissa General Hospital, Larissa, Greece

Azarine Arshid

MD, MSc, Lead of Cardiovascular Imaging
Groupe Hospitalier Paris Saint-Joseph
Marie Lannelongue, Paris, France

Bakogiannis Constantinos

MD, PhD, Cardiologist,
3rd Cardiology Department, Aristotle
University of Thessaloniki, Thessaloniki,
Greece

Costa Alves Joanna

Cardiac Imaging Unit, JCC Diagnostic
Imaging, Viana do Castelo, Vila Real,
Braga, Porto, Portugal

Francone Marco

MD, PhD, Radiology Full Professor
Department of Biomedical Sciences
Humanitas University, Milan, Italy

Kallifatidis Alejandro

Radiologist, MD, PhD, EBCR, FEACVI
Head of Advanced Cardiovascular
Imaging Unit, St.Luke's Hospital,
Thessaloniki, Greece

Karamitsos D. Theodoros

Associate Professor of Cardiology, AHEPA
University Hospital, Aristotle University of
Thessaloniki, Thessaloniki, Greece

Korosoglou Grigorios

Professor, GRN Hospital Weinheim,
Department of Cardiology & Vascular
Medicine, Weinheim, Germany

Lama Niki

MD, EDiR, EBCR, Radiologist, Research
Unit of Radiology and Medical Imaging,
2nd Department of Radiology, Medical
School, National and Kapodistrian
University of Athens, Athens, Greece

Lamb Hildo J.

MD, PhD, Professor of Radiology and
Director of Cardiovascular Imaging,
Leiden University Medical Center,
The Netherlands

Loggitsi Dimitra

MD, MSc, PhD, EBCR, Cardiac Radiologist,
CT-MRI Department, Hygeia-Mitera
Hospital, Athens, Greece

Michailidis Konstantinos

MD, EBCR, Cardiac Intelligence

Mourmouris Christos

Radiologist, Attending Physician,
CT & MRI Department, Hygeia Hospital,
Athens, Greece

Nart Abida

MD, Senior Consultant Radiologist
Cardiovascular Imaging Specialist
Director of CT Division, Specialty Hospital
Amman, Jordan

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Speakers

Natale Luigi

MD, EBCR, FNASCI, FSCMR, Associate
Professor of Radiology at Catholic
University of Sacred Heart, Rome, Italy

Santini Francesco

PhD, Research Group Leader
Department of Biomedical Engineering
University of Basel, Switzerland

Theoflogiannakos Efstratios

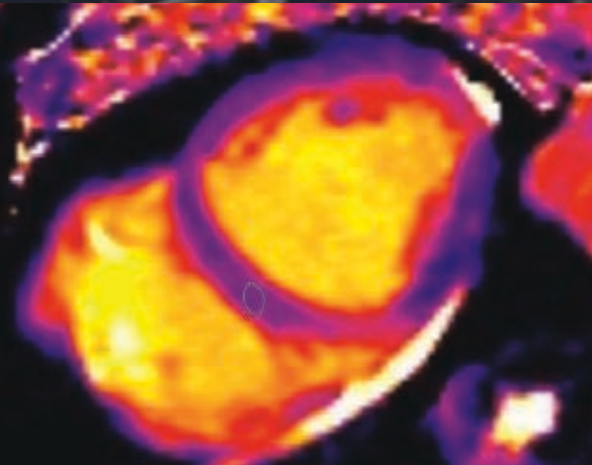
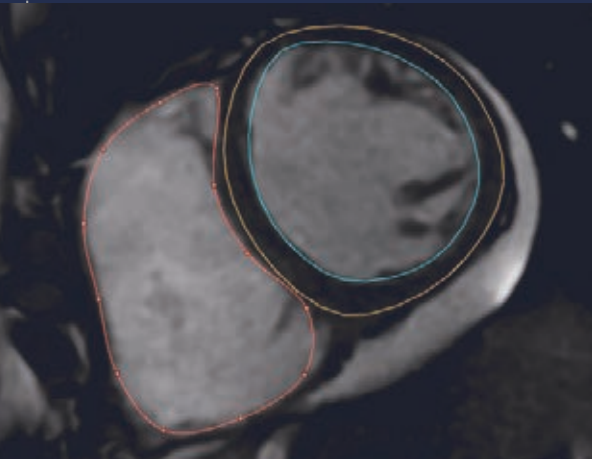
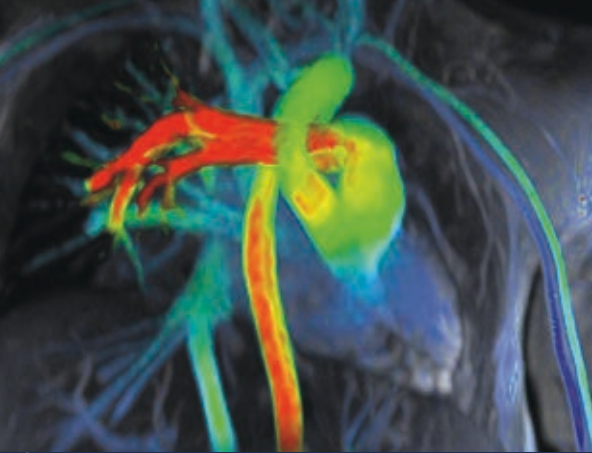
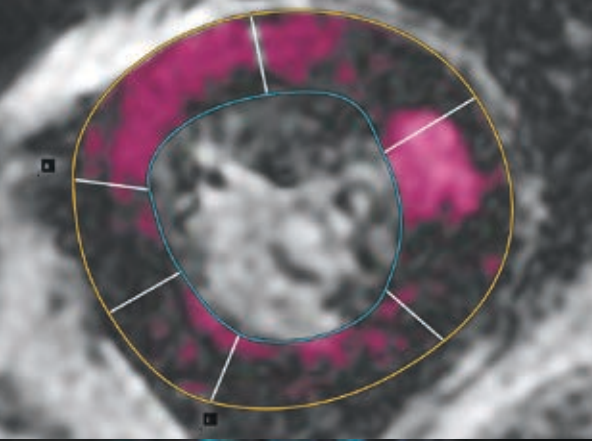
MD, PhD, Consultant Cardiologist,
Heart Failure Specialist
Heart Failure Unit, 3rd Department of
Cardiology, Hippokraton Hospital of
Thessaloniki, and St Luke's Hospital,
Thessaloniki, Greece

Toth Attila

Radiologist, Gottsegen György Hungarian
Institute of Cardiology & Semmelweis
University, Budapest, Hungary

Tzifa Afroditi

MD (Res) THESIS, Cardiologist
Director, Paediatric Cardiology and Adult
Congenital Heart Disease Department,
Mitera Hospital, Athens, Greece



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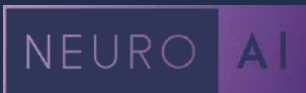
Patient Privacy GDPR

Patient data remains in hospital
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Collaborative Platform

Work together on a same exam
Share data easily across different institutions



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General Information

■ Date & Venue

June 23rd - 25th, 2022

Panorama Hotel, Thessaloniki, Greece

(Analipseos 26, Panorama, tel.: +30 2310 344871, www.panoramahotel.gr)

■ Website

www.emricourse.org

■ Official Language

English will be the official language of the course.

■ CME Accreditation

The Erasmus Course on Magnetic Resonance Imaging – Cardiovascular MRI with CT correlation, Thessaloniki, Greece, 23/06/2022-25/06/2022 has been accredited by the European Accreditation Council for Continuing Medical Education (EACCME®) with **20 European CME credits (ECMEC®s)**. Each medical specialist should claim only those hours of credit that he/she actually spent in the educational activity.

Through an agreement between the Union Européenne des Médecins Spécialistes and the American Medical Association, physicians may convert EACCME® credits to an equivalent number of AMA PRA Category 1 Credits™.

Information on the process to convert EACCME® credit to AMA credit can be found here

Live educational activities, occurring outside of Canada, recognised by the UEMS-EACCME® for ECMEC®s are deemed to be Accredited Group Learning Activities (Section 1) as defined by the Maintenance of Certification Program of the Royal College of Physicians and Surgeons of Canada.

■ Certificate of Attendance

According to the European Accreditation Council for Continuing Medical Education (EACCME®), each medical specialist should claim only those credits that he/she actually spent in the educational activity. Certificates will be provided after the completion of the Scientific Program.

■ Congress badge

It is mandatory for the delegates to show their course badge at the entrance of the Congress halls in order to have their attendance time for each session registered.

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General Information

■ Presentations

Available visual equipment for all presentations will be through power point presentation. Presentations must be delivered to the technical secretariat at least 30 minutes before the beginning of the session. The use of personal computers will not be feasible.

Course Secretariat



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Conference & Event Management

Thessaloniki: 50A Stadiou Str. 55534 Pilea, Thessaloniki, Greece,
Tel.: +30 2310 247743, +30 2310 247734, Fax: +30 2310 247746,
e-mail: info@globalevents.gr

Athens: 2 Valestra str. & 168 A. Syngrou Av., 17671 Kallithea, Athens, Greece,
Tel.: +30 210 3250260, e-mail: athens@globalevents.gr

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