



Chief Organizer
MAVROGENI S.
v. Professor of Cardiovascular Magnetic Resonance
in Kapodistrian University of Athens and vice director
of Cardiology Department in Onassis Cardiac Surgery
Center, Athens, Greece

Noninvasive Diagnostics Department

- AGGELI C.
- ALETRAS A.
- BRATIS K.
- CHRYSOCHOOU C.
- ECONOMOU E.
- LASKARI C.
- MONTI L.
- NIJVELDT R.
- PUSHPARAJAH K.
- SCHWITTER J.

SECRETARIAT

Phaedra Constantinidou
Tel.: 210-9493341, Fax: 210-9493336
Email: akard@ocsc.gr



The **ATHENSCMR LEVEL 1** is accredited by the European
Board for Accreditation in Cardiology (EBAC) for **"17 hours"**
of External CME credits.

Each participant should claim only those hours of credit that have actually
been spent in the educational activity. EBAC works according to the
quality standards of the European Accreditation Council for Continuing
Medical Education (EACCME), which is an institution of the European
Union of Medical Specialists (UEMS).

COURSE DIRECTOR
Sophie Mavrogeni MD FESC
soma13@otenet.gr

ATHENS CMR LEVEL 1

SATURDAY 5/10
SUNDAY 6/10
& MONDAY 7/10

PREPARATION FOR LEVEL 2 AND 3

Coral Hotel

35 Possidonos Ave.
Paleo Faliro

2019



Organized by:

- Greek College of Clinical Applications of Cardiovascular Magnetic Resonance "CARDIOTOMI"
- First Cardiology Clinic, University of Athens, Greece

The only Greek course endorsed by EACVI and SCMR:

- European Association of Cardiovascular Imaging (EACVI)
- Society of Cardiovascular Magnetic Resonance (SCMR)

Accredited by: EBAC with 16 CMEs

Organized by:



Event endorsed by



EACVI
European Association of
Cardiovascular Imaging



SCMR
Society for Cardiovascular
Magnetic Resonance

Accredited by



5/10/2019 SATURDAY

09.00-09.05 Welcome: Sophie Mavrogeni

BASIC SCIENCE COURSE:

COURSE COORDINATOR: A. ALETRAS

CHAIR PERSONS: R. MASTORAKOU, I. NIKAS, D.VERGANELAKIS

09.00-09.30 Basic CMR physics

A. Aletras

09.30-10.00 Sequences used for CMR Imaging

C. Xanthis

10.00-10.30 Mapping techniques

G. Papanastasiou

10.30-11.00 Clinical implications of mapping techniques

L. Monti

11.00-11.15 DISCUSSION

11.15-11.30 COFFEE BREAK

CMR IN CORONARY ARTERY DISEASE

CHAIR PERSONS: V. VARTELA, C. AGGELI, I. IAKOVOU

Discussion through Clinical cases

11.30-12.00 Acute myocardial infarction. CMR evaluation

R. Nijveldt

12.00-12.30 Stress CMR. How to do and interpret

J. Schwitter

12.30-13.00 Stress CMR. Clinical implications and comparison with other imaging modalities

L. Monti

13.00-13.30 CMR for decision making in ischemic cardiomyopathy

C. Bratis

13.30-13.45 DISCUSSION

13.45-15.00 LUNCH BREAK

CMR IN ELECTROPHYSIOLOGY AND PACEMAKERS

CHAIR PERSONS: G. THEODORAKIS, A. SIDERIS, T. MAOUNIS

Discussion of electrophysiologic queries through CMR cases

15.00-15.30 What are the expectations of an electrophysiologist from CMR?

Th. Ntoskas

15.30-16.00 CMR before ablation. Real need or luxury?

D. Tsiachris

16.00-16.30 What CMR can offer to electrophysiology?

J. Schwitter

16.30-17.00 CMR conditional devices

J. Schwitter

17.00-17.15 DISCUSSION

17.15-17.30 COFFEE BREAK

CMR IN PULMONARY HYPERTENSION

CHAIR PERSONS: A. STEFANIDIS, A. MANGINAS, R. VRETTOU

Discussion through cases

17.30-18.00 Role of echocardiography

G. Athanasopoulos

18.00-18.30 Role of CMR

K. Pushparajah

18.30-18.45 DISCUSSION

18.45-21.00 How to perform the CMR measurements? (personal training)

Coordinators: R. Claessens, D. Lorusso

6/10/2019 SUNDAY

CMR IN NONISCHEMIC CARDIOMYOPATHIES, AND HEART FAILURE

CHAIR PERSONS: A. GKOUZIOUTA, S. ADAMOPOULOS, M. BONIOS

09.00-09.30 CMR in Dilated Cardiomyopathy

K. Bratis

09.30-10.00 CMR in Hypertrophic Cardiomyopathy

M. Boutsikou

10.00-10.30 CMR in Arrhythmogenic Cardiomyopathy

D. Klettas

10.30-11.00 CMR in Heart Failure-Transplantation

S. Mavrogeni

11.00-11.15 DISCUSSION

11.15-11.30 COFFEE BREAK

6/10/2019 SATURDAY

CMR IN MYOCARDIAL INFLAMMATION AND SYSTEMIC DISEASES

CHAIR PERSONS: V. VARTELA, A. DALIANIS, G. KOLOVOU

11.30-12.00 Acute/ Chronic Myocarditis

K. Bratis

12.00-12.30 CMR in Cardio-Oncology

C. Chrysochoou

12.30-13.00 CMR in Cardio-Rheumatology and Neuromuscular disorders

S. Mavrogeni

13.00-13.45 How to perform the advanced CMR measurements (personal training)

PART II

Coordinators: R. Claessens, D. Lorusso

13.45-14.30 LUNCH BREAK

CMR IN CONGENITAL HEART, VALVULAR DISEASES, TUMORS

COURSE COORDINATOR: C. LASKARI

CHAIR PERSONS: M. BOUTSIKOU, C. LASKARI

14.30 -15.00 CMR vs Echo in Congenital heart diseases

A. Tzifa

15.00 -15.30 Congenital and valvular heart disease

M. Boutsikou

15.30 -16.00 Cardiac masses and tumors in children

C. Laskari

16.00 -16.30 CMR and Interventional MRI in Congenital Heart Diseases

K. Pushparajah

16.30 -16.45 DISCUSSION

16.45 -17.00 COFFEE BREAK

CMR IN THE ERA OF MULTIMODALITY TECHNIQUES

CHAIR PERSONS: D. TOUSOULIS, C. CHRYSOCHOOU, V. KATSI

17.00 -17.30 PET-CT - **C. Anagnostopoulos**

17.30 -18.00 SPECT- **A. Kitsiou**

18.00 -18.30 Echo - **C. Aggeli**

18.30 -19.00 CMR - **K. Bratis**

19.00 -19.15 DISCUSSION

19.15 -21.00 Case reports for self assessment

(M. Boutsikou, M. Bratis, C. Chrysochoou, K. Klettas, L. Monti, Th. Ntoskas)

7/10/2019 MONDAY

After attending the compulsory education modules for Level 1 certification during Saturday and Sunday 5-6 October, **100 patient cases** organized in clinical subjects will be presented on **Monday 7 October** in a plenary session at the **Hippokrateion Hospital main amphitheater from 13:00 to 21:00**. These cases may also be added to EuroCMR Level-2 or Level-3 logbooks. The cases will cover the following subjects:

- Myocarditis
- Systemic Diseases and Cardio-oncology
- Inherited/Genetic Cardiomyopathies
- Valvular and Congenital Heart Disease
- Vascular abnormalities and cardiac tumors

CHAIR PERSONS: C. Aggeli, S. Mavrogeni

PRESENTERS: C. Chrysochoou, E. Economou, D. Klettas, S. Mavrogeni, G. Sarri, R. Vrettou

The plenary session and the registering of logbook cases will be under the supervision of Dr. Economou.

SCOPE OF THE COURSE:

- To provide a comprehensive, detailed introduction into the principles, indications, interpretation and clinical significance of cardiovascular magnetic resonance regardless of medical specialty.
- To provide official EuroCMR-Level 1 EACVI and SCMR certification accredited by EBAC.
- To provide the opportunity for participants to do hands-on training with representatives from industry and to interact with a panel of more than 30 world-renowned authorities in their respective sub-fields of CMR and its applications in cardiology.
- To allow course participants the option to study 100 logbook-approved clinical cases covering all applications of CMR and to add these to EuroCMR Level-2/Level-3 logbooks in order to initiate and stimulate higher level CMR training.

All participants will obtain upon successful completion of the course a EuroCMR Level-1 certification statement from the organizing committee. If required, a certificate will be provided validating the addition of the presented cases in the plenary session to EuroCMR Level-2 or Level-3 logbooks. Both certificates constitute official statements accredited by the European Society of Cardiovascular Imaging, the Society of Cardiovascular Magnetic Resonance and the European Board of Accreditation.