

ATHENS CMR LEVEL 1-2

SATURDAY 30/09
SUNDAY 1/10
MONDAY 2/10

PREPARATION FOR LEVEL 2 & 3
WEB SCIENTIFIC
EVENT 2023

Organized by:

- Greek College of Clinical Applications of Cardiovascular
- First Cardiology Clinic, University of Athens, Greece

2023.athenscmrlevel1.com

Organized by: Under the Auspices of the
Hellenic Cardiological Society



Event endorsed by:



EACVI
European Association of
Cardiovascular Imaging



The ATHENS CMR Level 1 is accredited
by the European Board for Accreditation
in Cardiology (EBAC) for 24 CMEs

INVITED FACULTY

ADAMOPOULOS S.	Athens, GR
AGGELI K.	Athens, GR
ALETRAS A.	Thessaloniki, GR
ANDROULAKIS E.	London, UK
ANTONOPOULOS A.	Athens, GR
BENETOS G.	Athens, GR
BONIOS M.	Athens, GR
BRATIS C.	Manchester, UK
CHATZANTONIS G.	Athens, GR
CHIRIBIRI A.	London, UK
CHRISTIDI K.	Athens, GR
CHRYSOCHOOU C.	Athens, GR
DALIANIS A.	Athens, GR
FRIEDRICH M.	Montreal, CA
GATZOULIS K.	Athens, GR
GKOUZIOUTA A.	Athens, GR
HOTHIS.	Wolverhampton, UK
HUI SZE KWONG A.	London, UK
IAKOVOU I.	Athens, GR
KATSIVAS A.	Athens, GR
KLETTAS D.	Athens, GR
KOLENTINIS M.	Athens, GR
KOSTOPOULOU A.	Athens, GR
KOURTIDOU T.	Athens, GR
KYLINTIREAS I.	Manchester, UK
LASKARI C.	Athens, GR
LETSAS K.	Athens, GR
MANGINAS A.	Athens, GR
MAOUNIS TH.	Athens, GR
MARAGIANNIS D.	Athens, GR
MAVROGENI S.	Athens, GR
MONTANARO C.	London, UK
NAKOU E.	London, UK
NIJVELDT R.	Nijmegen NL
NTOSKAS TH.	Limassol, CY
PAPANASTASIOU G.	Thessaloniki, GR
PEPE A.	Padova, IT
PUSHPARAJAH K.	London, UK
SARRI G.	Athens, GR
SCHWITTER J.	Lausanne SW
TOUSOULIS D.	Athens, GR
TSIACHRIS D.	Athens, GR
TSOUMANI Z.	London, UK
VARTELA V.	Athens, GR
VERGANELAKIS D.	Athens, GR
VIDALAKIS E.	Athens, GR
VRACHLIOTIS TH.	Athens, GR
VRETTOU A.	Athens, GR
XANTHIS CH.	Athens, GR

Welcome: S. Mavrogeni

BASIC SCIENCE COURSE

COURSE COORDINATOR S. MAVROGENI

CHAIR PERSONS: D. VERGANELAKIS, T. VRACHLIOTIS

✓ 2021 ESC Guidelines for the diagnosis and treatment of acute and chronic heart failure

09.00-09.45

Basic CMR physics

A. Aletras

09.45-10.30

Sequences used for CMR imaging and experience on a virtual MR scan

C. Xanthis

10.30-11.00

Mapping techniques. Luxury or real clinical need?

G. Papanastasiou

11.00-11.15

DISCUSSION

11:15-11.30

BREAK

CMR IN CORONARY ARTERY DISEASE AND CARDIAC REMODELLING

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

✓ 2019 Guidelines on Chronic Coronary Syndromes

✓ ESC Clinical Practice Guidelines

Discussion through clinical cases

11.30-12.00

Stress CMR. Qualitative and quantitative approach

C. Bratis

12.00-12.30

The Current Status of Oxygenation-Sensitive CMR

M. Friedrich

12.30-13.00

How to scan and interpret patients with acute myocardial infarction

R. Nijveldt

13.00-13.30

CMR for decision making in ischemic heart disease

E. Vidalakis

13.30-14.00

CMR vs other imaging modalities in the evaluation of coronary artery disease

D. Maragiannis

14.00-14.30

CMR of coronary arteries. Where we are now?

M. Androulakis

14.30-14.45

DISCUSSION

14.45-15.00

BREAK

CMR IN ELECTROPHYSIOLOGY AND PACEMAKERS

CHAIR PERSONS: T. MAOUNIS, A. KOSTOPOULOU, K. LETSAS

✓ 2020 ESC Guidelines for the diagnosis and management of atrial fibrillation developed in collaboration with the European Association of Cardio-Thoracic Surgery (EACTS)

Discussion of electrophysiologic queries through CMR cases

15.00-15.30

How can CMR be of value for electrophysiologists?

K. Gatzoulis

15.30-16.00

Additive value of CMR scar maps vs electrophysiologic maps

D. Tsiachris

16.00-16.30

Diagnostic and interventional CMR in electrophysiology

J. Schwitter

16.30-17.00

CMR conditional devices. Current practice and future perspectives

J. Schwitter

17.00-17.30

DISCUSSION

17.30-17.45

BREAK

17.45-18.30

Clinical cases analysed using circle protocols

How to perform the basic and advanced CMR measurements? (personal training)

Coordinator: A. Hui Sze Kwong

Sunday 1 October 2023

CMR IN NONISCHEMIC CARDIOMYOPATHIES AND VALVULAR DISEASES/HEART FAILURE

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

✓ 2021 Diagnosis and treatment of cardiac amyloidosis: a position statement of the ESC Working Group on Myocardial and Pericardial Diseases

✓ 2021 ESC Guidelines for the Diagnosis and Treatment of Acute and Chronic Heart Failure: The "Ten Commandments"

09.00-09.30

CMR in amyloidosis. Classic and parametric indices

Z. Tsoumani

09.30-10.00

CMR in hypertrophic and dilated cardiomyopathy

T. Ntoskas

10.00-10.30

Quantitative perfusion in ischemic and nonischemic cardiomyopathy

A. Chiribiri

10.30-11.00	CMR in arrhythmogenic cardiomyopathy K. Christidi
11.00-11.30	CMR in valvular diseases M. Kolentinis
11.30-12.00	CMR in Heart failure with and without reduced LV ejection fraction S. Hothi
12.00-12.15	DISCUSSION
12.15-13.15	How to perform basic and advanced CMR measurements (personal training). Clinical cases analysed using Circle protocols Coordinators: A. Hui Sze Kwong, R. Nijveldt
13.15-14.00	BREAK

CMR IN MYOCARDIAL INFLAMMATION-SYSTEMIC DISEASES **CHAIR PERSONS: A. DALIANIS, V. VARTELA, R. VRETTTOU**

✓ 2021 *Diagnosis and treatment of cardiac amyloidosis: a position statement of the ESC Working Group on Myocardial and Pericardial Diseases*

14.00-14.30	CMR in thalassemia A. Pepe
14.30-15.00	CMR in cardio-oncology I. Kyllintireas
15.00-15.30	CMR in cardio-rheumatology S. Mavrogeni
15.30-16.00	CMR in neuromuscular disorders G. Chatzantonis
16.00-16.15	DISCUSSION
16.15-16.30	BREAK

CMR IN CONGENITAL HEART, PULMONARY HYPERTENSION, TUMORS **COURSE COORDINATOR: K. PUSHPARAJAH** **CHAIR PERSONS: C. LASKARI, E. NAKOU, K. PUSHPARAJAH**

✓ 2020 *ESC Clinical Practice Guidelines for the management of adult congenital heart disease*

16.30-17.00	Cardiac masses and tumors in children C. Laskari
17.00-17.30	CMR for congenital heart diseases when Echo is limited C. Montanaro
17.30-18.00	Interventional MRI in congenital heart diseases/pulmonary hypertension K. Pushparajah
18.00-18.30	CMR in growing up congenital heart disease. Is it really necessary? E. Nakou
18.30-19.00	Myocardial involvement in Covid-19. To whom and when? A. Antonopoulos
19.00-19.15	DISCUSSION

CMR IN THE ERA OF MULTIMODALITY IMAGING **CHAIR PERSONS: C. CHRYSOCHOU, A. MANGINAS, D. TOUSOULIS**

✓ 2019 *Multimodality imaging in the diagnosis, risk stratification, and management of patients with dilated cardiomyopathies: an expert consensus document from the European Association of Cardiovascular Imaging*

19.15-19.45	Echo vs CMR for tissue characterization in Covid-19 C. Aggeli
19.45-20.15	SPECT vs PET-CT vs CMR for ischemia/fibrosis detection in diabetes mellitus G. Benetos
20.15-20.30	DISCUSSION

"The great party of CLINICAL CASES" **CHAIRPERSONS: S. MAVROGENI, C. AGGELI**

09.00-09.30	G. Sarri
09.30-10.00	I. Kyllintireas
10.00-10.30	R. Vrettou
10.30-11.00	D. Vidalakis
11.00-11.15	BREAK
11.15-11.45	M. Kolentinis

11.45-12.15	T. Ntoskas
12.15-12.45	D. Maragiannis
12.45-13.15	E. Nakou
13.15-13.45	C. Chrysochoou
13.45-14.15	T. Kourtidou
14.15-14.45	D. Klettas
14.45-14.50	Closing remarks, S. Mavrogeni



**MAVROGENI S.
AGGELI K.
ALETRAS K.
BRATIS K.
CHRYSOHOOU C.
KOURTIDOU T.
LASKARI C.
NIJVELDT R.
PEPE A.
PUSHPARAJAH K.
SCHWITTER J.
TOUSOULIS D.**



SECRETARIAT

Phaedra Constantinidou
Tel.: 697 486 9948
Email: fedkonstant03@gmail.com

COURSE DIRECTOR

Sophie Mavrogeni MD FESC
soma13@otenet.gr