

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 S. | 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. VRETTOU

✓ *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. CHRYSOCHOOU, 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**

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| 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 A.
BRATIS K.
CHRYSOHOOU C.
KOURTIDOU T.
LASKARI C.
NIJVELDT R.
PEPE A.
PUSHPARAJAH K.
SCHWITTER J.
TOUSOULIS D.**



SECRETARIAT

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COURSE DIRECTOR

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