

ATHENS CMR LEVEL 1-2

SATURDAY 1/10
SUNDAY 2/10
& MONDAY 3/10

PREPARATION FOR LEVEL 2 AND 3

WEB SCIENTIFIC
EVENT

2022



Organized by:

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

<https://www.athenscmrlevel1.com/2022/index.php>

Organized by:



**Under the Auspices of the
Hellenic Cardiological Society**



Event endorsed by:



EACVI
European Association of
Cardiovascular Imaging

Welcome: S. Mavrogeni

BASIC SCIENCE COURSE

COURSE COORDINATOR A. ALETRAS

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

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. How to do and interpret

C. Bratis

12.00-12.30

Acute myocardial infarction. CMR evaluation

R. Nijveldt

12.30-13.00

CMR for decision making in ischemic heart disease

E. Vidalakis

13.00-13.30

Additive value of CMR to other imaging modalities in the evaluation of coronary artery disease

D. Maragiannis

13.30-14.00

CMR of coronary arteries

M. Androulakis

14.00-14.15

DISCUSSION

14.15-15.15

BREAK

CMR IN ELECTROPHYSIOLOGY AND PACEMAKERS

CHAIR PERSONS: E. EFREMIDIS, 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

15.15-15.30

What are the expectations of an electrophysiologist from CMR?

K. Gatzoulis

15.30-16.00

CMR before ablation. Real need or luxury?

D. Tsiachris

16.00-16.30

Experience from interventional CMR in electrophysiology

J. Schwitter

16.30-17.00

CMR conditional devices

J. Schwitter

17.00-17.15

DISCUSSION

17.15-17.45

BREAK

17.45-18.30

Clinical cases analysed using circle protocols

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

Coordinators: R. Claessens, A. Hui Sze Kwong, R. Nijveldt

Sunday 2 October 2022

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 hypertrophic cardiomyopathy

Z. Tsoumani

09.30-10.00

CMR in arrhythmogenic cardiomyopathy

T. Ntoskas

10.00-10.30

CMR in dilated cardiomyopathy/heart failure

M. Motwani

10.30-11.00	CMR in amyloidosis K. Christidi
11.00-11.30	CMR in valvular diseases M. Kolentinis
11.30-11.45	DISCUSSION
11.45-13.00	How to perform basic+advanced CMR measurements (personal training). Clinical cases analysed using Circle protocols Coordinators: R. Claessens, A. Hui Sze Kwong, R. Nijveldt
13.00-14.00	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: S. MAVROGENI

CHAIR PERSONS: C. LASKARI, S. MAVROGENI, 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 T. Kourtidou
17.30-18.00	Interventional MRI in congenital heart diseases/pulmonary hypertension K. Pushparajah
18.00-18.15	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*

18.15-18.45	Echo vs CMR for tissue characterization. Potentials and limitations C. Aggeli
18.45-19.15	SPECT vs CMR for ischemia/fibrosis detection in obesity G. Benetos
19.15-19.45	PET-CT vs CMR for ischemia/fibrosis detection in obesity G. Benetos
19.45-20.00	DISCUSSION

Monday 3 October 2022

"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	C. Chrysochoou
11.00-11.15	BREAK
11.15-11.45	D. Vidalakis
11.45-12.15	M. Kolentinis
12.15-12.45	T. Ntoskas
12.45-13.15	D. Maragiannis
13.15-13.45	T. Kourtidou
13.45-14.15	S. Hothi
14.15-14.45	E. Nakou
14.15-14.20	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

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