

ATHENS CMR LEVEL 1-2

SATURDAY 05/10
SUNDAY 06/10
MONDAY 07/10

PREPARATION FOR LEVEL 2 & 3
WEB SCIENTIFIC
EVENT 2024

Organized by:

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

2024.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
HOTHI 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 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. Luxury or real clinical need?

G. Papanastasiou

11.00-11.15

DISCUSSION

11:15-11.30

BREAK

CMR IN CORONARY ARTERY / VASCULAR 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

A. Chiribiri

12.00-12.30

Acute myocardial infarction. CMR diagnosis and evolution over a year

R. Nijveldt

12.30-13.00

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

E. Vidalakis

13.00-13.30

Combined brain-heart OS-MRI. Scientific dream or real clinical need?

M. Friedrich

13.30-14.00

CMR of the coronary arteries in aneurysmatic / ectatic coronary artery disease

M. Androulakis

14.00-14.30

Function-perfusion and tissue characterization in aneurysmatic / ectatic coronary artery disease

C. Bratis

14.30-15.00

CMR in acute and chronic aortic diseases

T. Vrachliotis

15.00-15.15

DISCUSSION

15.15-16.00

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

16.00-16.30

Role of CMR in electrophysiologists

K. Gatzoulis

16.30-17.00

Combined CMR scar maps and electrophysiologic maps for decision making

D. Tsiachris

17.00-17.30

Interventional CMR in electrophysiology

J. Schwitter

17.30-18.00

CMR conditional devices

J. Schwitter

18.00-18.30

DISCUSSION

18.30-18.45

BREAK

CMR IN THE ERA OF MULTIMODALITY IMAGING

CHAIR PERSONS: G. BENETOS, 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

18.45-19.15

Echo vs CMR for evaluation of cardiovascular disease in the era of Covid-19

C. Aggeli

19.15-19.45

SPECT vs PET-CT vs CMR for ischemia/fibrosis detection in metabolic syndromes/ diabetes mellitus

E. Levelt

19.45-20.15

Echo vs CMR for evaluation of pericardial diseases

D. Klettas

20.15-20.45

Echo vs CMR in Women diseases

L. Sierra-Galan

20.45-21.00

DISCUSSION

21.00-21.30

OS data processing.
Advantages versus the routine CMR
E. Hillier

Sunday October 6, 2024

CMR IN NONISCHEMIC CARDIOMYOPATHIES / VALVULAR DISEASES / HEART FAILURE

CHAIR PERSONS: S. ADAMOPOULOS, M. NOUTSIAS, C. KAPELIOS

- ✓ 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 Myocarditis
K. Christidi

09.30-10.00

CMR in Hypertrophic Cardiomyopathy
K. Mitrousi

10.00-10.30

CMR in Dilated Cardiomyopathy
P. Danias

10.30-11.00

Arrhythmogenic Cardiomyopathy
Z. Tsoumani

11.00-11.30

CMR in valvular diseases
M. Kolentinis

11.30-12.00

CMR in amyloidosis. Classic and parametric indices
T. Ntoskas

12.00-12.30

CMR in Heart failure with and without reduced LV ejection fraction
D. Maragiannis

12.30-12.45

DISCUSSION

12.45-13.15

How to perform basic+advanced CMR measurements (personal training). Clinical cases analysed using MEDIS protocols
Coordinators: K. Dukker, R. Nijveldt

13.15-14.00

BREAK

CMR IN INFLAMMATORY/SYSTEMIC DISEASES

CHAIR PERSONS: A. NTALIANIS, 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

MRI Physics of iron deposition in various organs
D. Verganelakis

14.30-15.00

CMR in thalassemia
A. Pepe

15.00-15.30

CMR in cardio-oncology
I. Kyliantreas

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
T. Kourtidou

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

18.30-18.45

DISCUSSION

18.45-19.00

BREAK

"The great party of CLINICAL CASES"

CHAIRPERSONS: S. MAVROGENI, C. AGGELI

19.00-19.30

G. Sarri

19.30-20.00

R. Vrettou

20.00-20.30

D. Vidalakis

20.30-21.00

E. Nakou

CARDIO-RHEUMATOLOGY COURSE

9.00-9.05 Welcome
S. Mavrogeni

Cardio-rheumatology: the two aspects of a coin
CHAIRPERSONS: G. KATSIFIS - S. MAVROGENI

9.05-9.30 Why we need Cardio-Rheumatology?
G. Kitas

9.30-10.00 Biomarkers, autoantibodies and cardiac imaging. Where we are?
L. Gargani

Autoimmune diseases with cardiac involvement SLE-APS
CHAIRPERSONS: N. AJMONE-MARSAN - D. BOUMPAS

10.00-10.30 The rheumatologist point of view
A. Doria

10.30-11.00 The cardiologist point of view
A. Pepe

11.00-11.15 **DISCUSSION**

11.15-11.30 **BREAK**

Heart failure in inflammatory arthritis
CHAIRPERSONS: S. PANOPOULOS, L. SIERRA-GALAN

11.30-12.00 The rheumatologist point of view
M. Nurmohamed

12.00-12.30 The cardiologist point of view
R. Nijveldt

Systemic sclerosis –Myositis
CHAIRPERSONS: C. MAVRAGANI-S.PLEIN

12.30-13.00 The rheumatologist point of view
M. Matucci-Cerinic

13.00-13.30 The cardiologist point of view
S. Mavrogeni

13.30-13.45 **DISCUSSION**

13.45-14.00 **BREAK**

Vasculitis
CHAIRPERSONS: P. VOULGARI-C.BRATIS

14.00-14.30 The rheumatologist point of view
L. Dagna

14.30-15.00 The cardiologist point of view
N. Ntusi

“The long day’s journey into night”
LEARNING CARDIO-RHEUMATOLOGY THROUGH
CARDIOVASCULAR IMAGING
CHAIRPERSONS: C. AGGELI-J. SCHWITTER

15.00-15.20 **M. Mukherjee**

15.20-15.40 **B. Weber**

15.40-16.00 **T. Dimitroulas**

16.00-16.20 **G. de Luca**

16.20-16.40 **V. Puntmann**

16.40-17.00 **DISCUSSION**

THE BRITISH EXPERIENCE ON CARDIORHEUMATOLOGY USING CMR.
SUGGESTIONS FOR FUTURE MULTICENTER STUDIES.
CHAIRPERSONS: M. NURMOHAMED - S. MAVROGENI

17.00-17.30 The point of view of rheumatologist
M. Buch

17.30-18.00 The point of view of cardiologist
S. Plein

Cardio-Rheumatology Course: CONCLUDING REMARKS

18.00-18.30 CONCLUDING REMARKS
P. Sfikakis



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



SECRETARIAT

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