



Società Italiana di Cardiologia



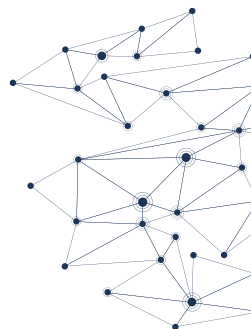
LA SOCIETÀ DELLE TRE ANIME

# 84° SIC

SOCIETÀ ITALIANA DI CARDIOLOGIA

## FELLOW COURSE CARDIAC MAGNETIC RESONANCE

MICHELANGELO 1 ROOM  
14, 15 December 2023



COURSE DIRECTORS:

*Andrea Baggiano*  
*Santo Dellegrottaglie*  
*Camilla Torlasco*

**WITH LEVEL I CERTIFICATION  
OF COMPETENCE IN CARDIAC MR**

Event endorsed by



**EACVI**  
European Association of  
Cardiovascular Imaging



# **COURSE RATIONALE**

Cardiac magnetic resonance (CMR) is considered one of the non-invasive diagnostic techniques with the greatest impact in the clinical management of almost all cardiovascular pathological conditions. The minimum competence requirements in CMR, defined by dedicated Scientific Societies, include knowledge of basic MR physics, CMR protocols to be applied in the various clinical contexts, as well as the ability to correctly interpret reports and use information provided by this precious diagnostic test in daily clinical practice. The CMR Basic Course proposed by SIC aims to provide both theoretical notions and basic technical skills needed to meet the minimum requirements of competence in CMR (as per EACVI prescription). These skills are included in the Core Cardiology Curriculum of the European Society of Cardiology (ESC) and their achievement is recommended for every Cardiologist working in countries affiliated to the ESC.

# THURSDAY 14TH DECEMBER 2023

10.00-19.00

## Fellow Course

### CARDIAC MAGNETIC RESONANCE - PART 1

10.00 - 12.10

#### First Session

Chairpersons: *Santo Dellegrottaglie (Napoli),  
Massimo Lombardi (San Donato Milanese, MI)*

10.00 - 10.20

Basic knowledge on MR Scanner, physics of images generation, safety

*Andrea Barison (Pisa)*

10.20 - 10.40

CMR department (exam methodology, contraindications, contrast agent, management of emergencies in CMR department)

*Patrizia Pedrotti (Milano)*

10.40 - 11.00

Sequences, acquisition planes, clinical indications, protocols prescription

*Anna Baritussio (Padova)*

11.00 - 11.20

Cardiac chambers morphological and functional assessment (rudiments of post-processing)

*Alessandra Scatteia (Napoli)*

11.20 - 11.40

MR techniques for oedema and myocardial fibrosis/scar (rudiments of post-processing)

*Stefano Figliozzi (Padova)*

11.40 - 12.00

MR techniques for viability and ischaemia assessment (rudiments of post-processing)

*Fabrizio Ricci (Chieti)*

12.00 - 12.10

Discussion



# THURSDAY 14TH DECEMBER 2023

12.10 - 13.30

## Second Session

Chairpersons: *Luca Bergamaschi (Bologna)*,  
*Andrea Igoren Guaricci (Bari)*

12.10 - 12.30

CMR in chronic ischaemic heart disease  
*Isabella Leo (Catanzaro)*

12.30 - 12.50

Role of CMR in acute myocardial infarction and MINOCA  
as defined in the 2023 ESC Guidelines for the  
management of acute coronary syndromes  
*Antonio De Luca (Trieste)*

12.50 - 13.10

CMR in myocarditis and inflammatory cardiomyopathies  
*Gianluca Di Bella (Messina)*

13.10 - 13.30

CMR in pericarditis and pericardial-related diseases:  
moving from the 2015 ESC Guidelines for the diagnosis  
and management of pericardial diseases  
*Massimo Imazio (Udine)*

13.30 - 14.30

Break

14.30 - 16.00

## FIRST PRACTICAL SESSION

14.30 - 16.00

Discussion on the topics covered in the first two  
sessions through interactive elaboration of real  
CMR cases with Tutors  
*Stefano Figliozzi (Rozzano, MI)*, *Fabrizio Ricci (Chieti)*



# THURSDAY 14TH DECEMBER 2023

16.00 – 17.00

## **Third Session**

Chairpersons: *Santo Dellegrottaglie (Napoli),  
Francesco Bianco (Ancona)*

16.00 – 16.20

MR techniques for flows and vascular anatomy  
assessment (rudiments of post-processing)  
*Andrea Baggiano (Milano)*

16.20 – 16.40

Role of CMR in aortic and mitral valve diseases as  
defined in the 2021 ESC/EACTS Guidelines for the  
management of valvular heart disease  
*Lucia La Mura (Napoli)*

16.40 – 17.00

CMR in simple and complex congenital heart disease  
(ASD/VSD, Fallot tetralogy, Transposition of the great  
vessels, etc)  
*Aurelio Secinaro (Roma)*

17.00 – 19.00

## **SECOND PRACTICAL SESSION**

17.00 – 19.00

Discussion on the topics covered in the third session  
through interactive elaboration of real CMR cases  
with Tutors  
*Patrizia Pedrotti (Milano), Camilla Torlasco (Milano)*



# FRIDAY 15TH DECEMBER 2023

13.00-17.30

## Fellow Course

### CARDIAC MAGNETIC RESONANCE - PART 12

13.00 - 14.00

#### Fourth Session

Chairpersons: *Viviana Maestrini (Roma)*,  
*Martina Perazzolo Marra (Padova)*

13.00 - 13.20

CMR in the 2023 ESC Guidelines for the management of cardiomyopathies: patient with ventricular dysfunction (Ischaemic-related, genetic-related, chemotherapy-induced, peripartum, idiopathic)

*Camilla Torlasco (Milano)*

13.20 - 13.40

CMR in the 2023 ESC Guidelines for the management of cardiomyopathies: patient with ventricular hypertrophy (Hypertrophic cardiomyopathy, amyloidosis, Fabry disease, other storage diseases)

*Giancarlo Todiere (Pisa)*

13.40 - 14.00

CMR in the 2023 ESC Guidelines for the management of cardiomyopathies: patient with ventricular arrhythmias (Desmosomal disease; before and after implantable cardioverter defibrillator implantation)

*Alessandro Zorzi (Padova)*

14.00 - 15.30

#### THIRD PRACTICAL SESSION

14.00 - 15.30

Discussion on the topics covered in the fourth session through interactive elaboration of real CMR cases with Tutors

*Lorenzo Monti (Rozzano, MI)*, *Fabrizio Ricci (Chieti)*



# FRIDAY 15TH DECEMBER 2023

15.30 - 16.30

## **Fifth Session**

Chairpersons: *Nazario Carrabba (Firenze), Fabrizio Ricci (Chieti)*

15.30 - 15.50

Masses and cardiac/para-cardiac tumours (Cardiac thrombi, benign and malignant tumours, pseudomasses)  
*Santo Dellegrottaglie (Napoli)*

15.50 - 16.10

Extra-cardiac and incidental findings: recognition and protocols optimization  
*Lorenzo Monti (Rozzano, MI)*

16.10 - 16.30

CMR artefacts (device, arrhythmias, poor compliance, etc.) and solutions (acquisition technique and parameters selection; patient preparation)  
*Andrea Barison (Pisa)*

16.30 - 17.30

## **FOURTH PRACTICAL SESSION**

16.30 - 17.30

Discussion on the topics covered in the fifth session through interactive elaboration of real CMR cases with Tutors  
*Andrea Baggiano (Milano), Camilla Torlasco (Milano)*



## GENERAL INFORMATIONS

The event is included in the Continuing Medical Education program, according to the terms in force and is part of the training plan of Italian Society of Cardiology, standard provider recognized by Agenas with the number 91.

ID number: **398826** - CME Credits: **12** - Participants: **100**

---

**PROFESSION:** Medical Doctor.

**DISCIPLINE:** Cardiology, Radiology, Internal Medicine, Geriatrics, Emergency Medicine, Sports Medicine, Nuclear Medicine, Cardiac Surgery, Anaesthesiology and Reanimation.

---

**PROFESSION:** Nurse, Cardiocirculatory and cardiovascular perfusion technician, Imaging and Radiotherapy technician.

**DISCIPLINE:** Nurse, Cardiocirculatory and cardiovascular perfusion technician, Imaging and Radiotherapy technician.

**TRAINING AREA:** Technical-professional  
Specific technical-professional contents (knowledge and skills) of each profession, each specialization and each ultra-specialised activity, including rare diseases and gender medicine (18).



# GENERAL INFORMATIONS

## REQUIREMENTS TO OBTAIN CME CREDITS:

- Participate to at least of 90% of the scientific works.
- Complete CME form at the end of the event.
- Correctly answer at least 75% of the questions of the learning test.

**CMR Level 1 certificate will be given after completion of the course and successfully passing the final learning test.**

Technical support of:

**Circle Cardiovascular Imaging**

Circle Cardiovascular Imaging will guarantee to all members a free 42-day license of the cvi42® software dedicated to the post-processing of cardiac MRI exams, with access to all cases analysed during the practical sessions..

## SCIENTIFIC SECRETARIAT AND PROVIDER

Società Italiana di Cardiologia  
corsi@sicardiologia.it  
segreteria scientifica@sicardiologia.it  
www.sicardiologia.it

## ORGANIZING SECRETARIAT

iDea Congress s.r.l  
ideagroupinternational.eu  
info@idea-group.it

