



FRIDAY, OCTOBER 17  
SATURDAY, OCTOBER 18  
2025



BUCHAREST

# ROMANIAN CMR COURSE

ORGANIZED BY



**EMERALD**  
Precious Healthcare



**ISLE**  
ACADEMY  
INNOVATION SIMULATION & LEARNING ECOSYSTEM



ESTD 1998  
**CARDIOMED**

EVENT ENDORSED BY



**EACVI**  
European Association of  
Cardiovascular Imaging



The Romanian Society  
of Cardiology



**SRIM**  
Societatea de Radiologie și Imagistică  
Medicală din România

The Romanian Society  
of Radiology and Medical Imaging





## COURSE DIRECTORS



**Sebastian Onciul, MD, PhD**

Lecturer in Cardiology, Carol Davila University of Medicine and Pharmacy, Bucharest  
Level 3 European Certification in Cardiovascular Magnetic Resonance



**Răzvan Capșa, MD, PhD**

Senior Lecturer in Radiology, Carol Davila University of Medicine and Pharmacy, Bucharest



**Sebastian Militaru, MD, PhD**

Lecturer in Cardiology, University of Medicine and Pharmacy of Craiova  
Level 3 European Certification in Cardiovascular Magnetic Resonance  
Level 3 European Certification in Cardiovascular Computed Tomography



**Monica Roșca, MD, PhD**

Associate Professor of Cardiology, Carol Davila University of Medicine and Pharmacy, Bucharest

## Day 1, October 17

Time	Session
8:30-8:40	<b>Welcome</b>
8:40-9:00	<b>CMR Safety and Contraindications</b>
9:05-9:35	<b>Basic CMR Physics</b> (the basics of signal generation; spatial encoding)
9:40-10:10	<b>Main CMR Sequences</b>
10:15-10:35	Coffee Break
10:35-11:05	<b>CMR Image Analysis</b>
11:10-11:40	<b>CMR Protocols</b>
11:45-12:05	<b>Artifacts</b>
12:10-12:30	<b>Extracardiac Findings</b>
12:30-14:00	Lunch Break
14:00-15:00	<b>Hands-on: Function and Volumes Analysis</b>
15:20-15:40	<b>HCM &amp; Phenocopies</b>
15:45-16:05	<b>DCM &amp; NDLVC</b>
16:05-16:30	Coffee Break
16:30-16:50	<b>ARVC</b>
16:55-17:15	<b>Other CMPs (Takotsubo, Hypereosinophilic, etc.)</b>
17:20-17:40	<b>Myocarditis</b>
17:40-18:00	Tea Break
18:00-19:00	<b>Hands-on: LGE &amp; Mapping Quantification</b>

## Day 2, October 18

Time	Session
8:30-8:50	<b>CMR Reporting</b>
8:55-9:10	<b>Acute MI</b>
9:15-9:30	<b>Viability Analysis</b>
9:35-9:55	<b>Stress Perfusion CMR</b>
9:55-10:15	Coffee Break
10:20-11:20	<b>Hands-on: Ischemic Heart Disease</b>
11:20-11:40	<b>Pericardial Diseases</b>
11:45-12:00	<b>Cardiac Masses</b>
12:00-13:30	Lunch Break
14:00-14:25	<b>Valvular and Vascular Diseases</b>
14:30-15:30	<b>Hands-on: Flow Quantification</b>
15:30-15:50	Coffee Break
15:50-16:20	<b>Congenital Heart Disease</b>
17:10-17:30	<b>Quiz</b>