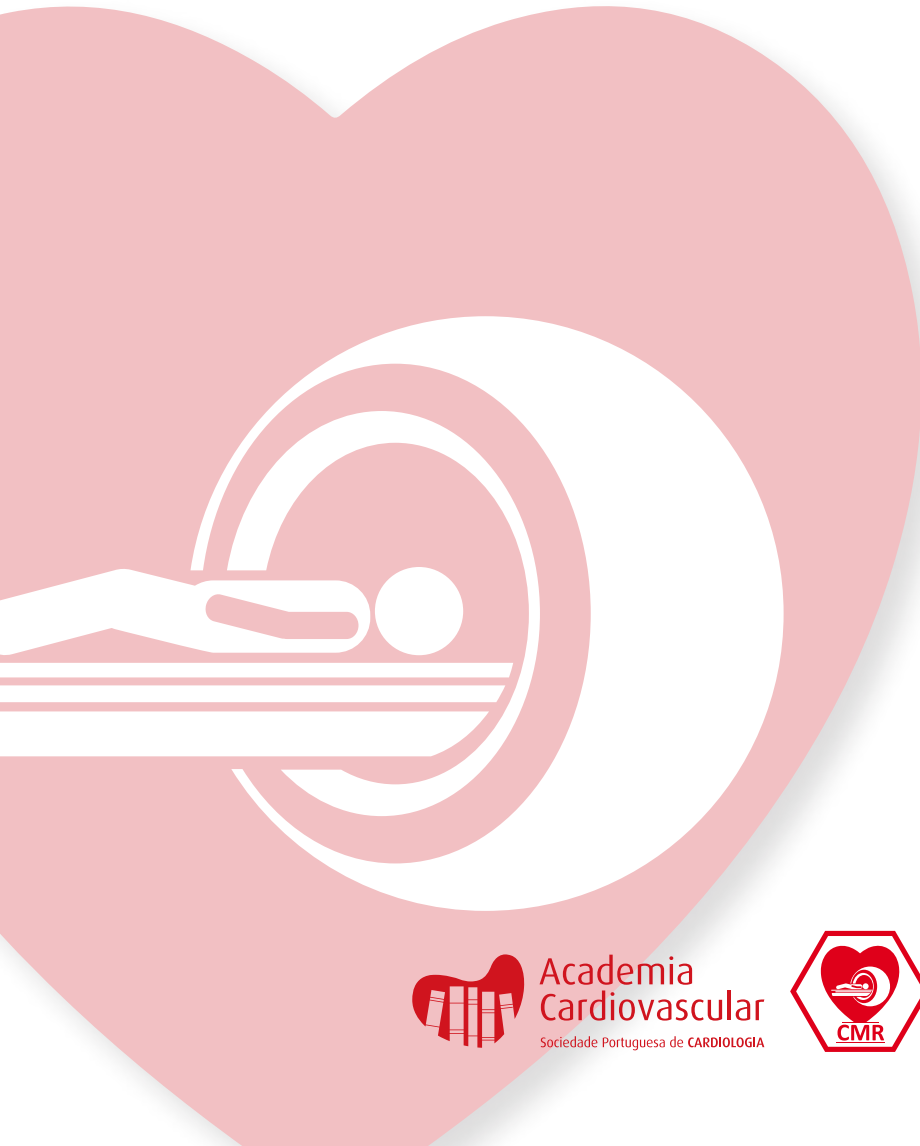


PORTO CMR

Level 1 Course

ACADEMIA CARDIOVASCULAR
Sociedade Portuguesa de CARDIOLOGIA



Academia
Cardiovascular
Sociedade Portuguesa de CARDIOLOGIA



ACADEMIA CARDIOVASCULAR
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PORTO CMR
Level 1 Course

Director: *Nuno Bettencourt, MD, PhD, FESC, FACC, FSCMR, FSCCT*

Number of vacancies: 24

Day 1: Thursday, 25 of May 2023

08h30 - Registration

08h50 - Welcome and Objectives
Nuno Bettencourt

09h00 - Introduction into MR Physics
Cristiana Araújo

09h50 - MR sequences for CMR application
Cristiana Araújo

10h50 - Coffee-break

11h20 - MRI Safety
Vitor Silva

11h40 - Contrast agents
Miguel Correia

12h00 - Patient preparation & CMR Basic planning for scanning
David Monteiro, Nuno Almeida

12h30 - Lunch Break

14h30 - HANDS-ON: Acquisition, advanced post-processing and toolbox-overview

GROUP A: Acquisition & post-processing

Rotation: (2 groups of 6 participants)
Patient Scanning, Image Evaluation/Optimization & Reporting Scanning 3/4 patients

GROUP B: Post-processing and case reading

Rotation: (4 groups of 3 participants)
1. Morphology and functional analysis using CMR;
Miguel Ferreira da Silva, Ana Faustino, Rita Faria
2. Ischemic cases review;
Catarina Ferreira, Inês Silveira, Miguel Correia
3. Congenital cases review;
Vitor Ramos, Hamish Walker
4. Cardiomyopathies review.
Mariana Vasconcelos; Adriana Pereira



Day 2: Friday, 26 of May 2023

08h30 - Day one overview. Feed-back forms

08h50 - Scar and viability assessment: LGE

Adriana Pereira

09h10 - Cardiomyopathies

Catarina Ferreira

09h40 - Myocarditis

Ana Almeida

10h00 - Cardiac Iron Overload

Ricardo Ladeiras Lopes

10h15 - Pericardium

Catarina Vieira

10h30 - Coffee-break

11h00 - Flow Imaging MRI Physics and Clinical Application

Amedeo Chiribiri

11h15 - MR Aortic Angiography

Amedeo Chiribiri

11h30 - Stress CMR

Amedeo Chiribiri

12h00 - Cardiac Masses

Pedro Matos

12h30 - Lunch Break

14h30 - HANDS-ON: Acquisition, advanced post-processing and toolbox-overview

GROUP A: Post-processing and case reading

Rotation: (4 groups of 3 participants)

1. Morphology and functional analysis using CMR;

Catarina Vieira, Miguel Ferreira da Silva (cvi), Ana Faustino

2. Ischemic cases review;

Inês Silveira, Miguel Correia, Catarina Ferreira

3. Congenital cases review;

Vitor Ramos, Hamish Walker

4. Cardiomyopathies review.

Mariana Vasconcelos, Adriana Pereira

GROUP B: Acquisition & post-processing

Rotation: (2 groups of 6 participants)

Patient Scanning, Image Evaluation/Optimization &
Reporting Scanning 3/4 patients



Day 3: Saturday, 27 of May 2023

08h30 - Day two overview. Feed-back forms

08h50 - Congenital Heart Disease - Segmental Approach to Diagnosis
Vitor Ramos

09h20 - Imaging in Children and Adults with Congenital Heart Disease:
The current role of MRI
Hamish Walker

09h50 - Sedation and Anaesthesia in MR environment
Carmen Pereira

10h10 - CMR for Prognosis
Vitor Hugo Pereira

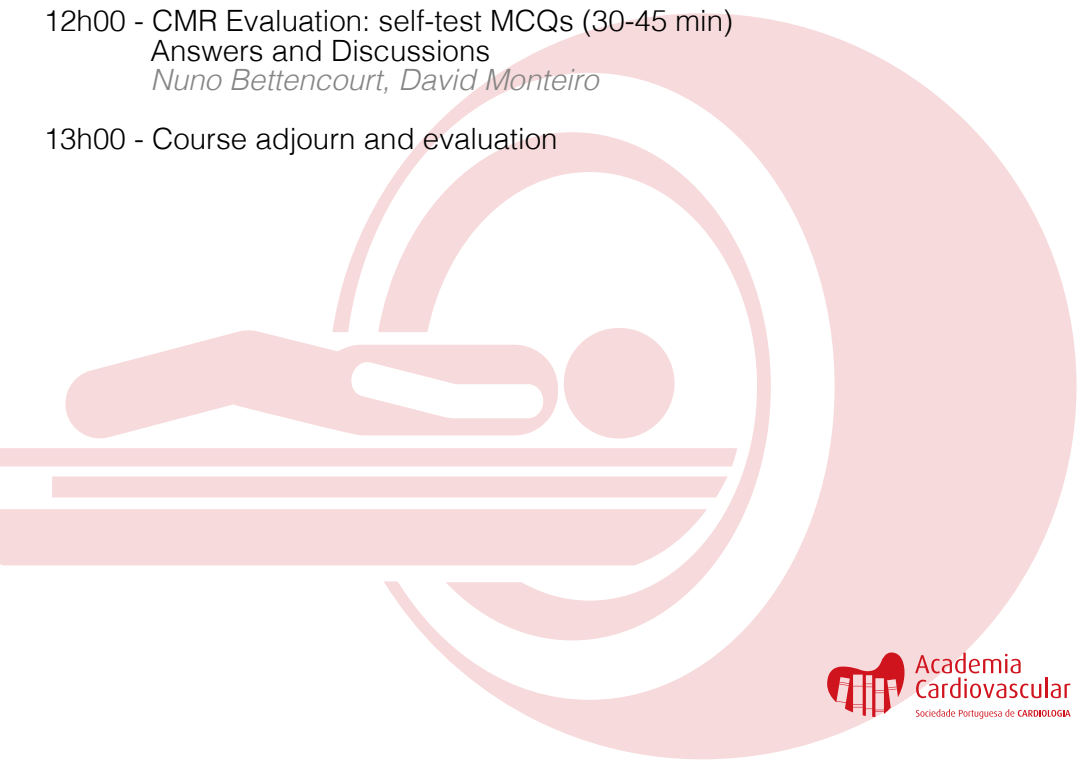
10h30 - Coffee-break

11h00 - New developments in CMR / Future directions
António Miguel Ferreira

11h20 - CMR Reporting
Nuno Ferreira

12h00 - CMR Evaluation: self-test MCQs (30-45 min)
Answers and Discussions
Nuno Bettencourt, David Monteiro

13h00 - Course adjourn and evaluation





Academia Cardiovascular

Sociedade Portuguesa de **CARDIOLOGIA**



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