



INSTITUT JANTUNG NEGARA
National Heart Institute



IJN CMR COURSE 2026

LEVEL 1 ACCREDITATION

27th - 29th April 2026
Institut Jantung Negara
Kuala Lumpur

INCLUDES 50 CASES FOR SCMR LEVEL 1 ACCREDITATION

COURSE DIRECTOR

DR. RAFIDAH ABU BAKAR
NATIONAL HEART INSTITUTE

INTERNATIONAL FACULTY

DR. FRANCISCO ALPENDURADA
CMR UNIT, ROYAL BROMPTON HOSPITAL
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DR. AKMAL HAKIM ARSHAD
GLENEAGLES HOSPITAL KUALA LUMPUR

DR. AFIF ASHARI
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ENQUIRY

IJN CMR COURSE 2026 COMMITTEE
NATIONAL HEART INSTITUTE
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COURSE OVERVIEW

- 3 days CMR course directed towards certification in Level 1 SCMR
- Teaching delivered by advanced Level 3 CMR faculty members
- Lectures covering essential topics of basic CMR physics, MRI safety and basic CMR scanning protocols for common cardiac conditions
- Covering various aspects including cardiomyopathy, perfusion, viability, valvular heart disease and congenital heart disease
- 50 mentored CMR cases (as recommended by SCMR for Level 1 accreditation) over 3 days providing ample time to browse through cases under expert supervision
- Hands on training on advanced workstations
- At the end of the course, attendees will have an understanding of CMR indication, CMR images interpretation and CMR reporting

CERTIFICATION

- Attendees will be awarded a certificate of attendance that includes mentored number of cases reviewed
- Attendees can submit application to SCMR for Level 1 Accreditation using Track B (Course-Based Training)

ORGANISED BY



INSTITUT JANTUNG NEGARA
National Heart Institute

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IJN CMR COURSE 2026

DAY 1 - MONDAY, 27TH APRIL 2026

TIME	TOPICS
0745 - 0830	Registration
	SESSION 1: BASIC CMR
0830 - 0845	Welcome Speech
0845 - 0915	Overview and Introduction to CMR
0915 - 0945	MRI Physics
0945 - 1015	CMR Basic Setup & Safety
1015 - 1045	Coffee Break
	SESSION 2: BASIC CMR
1045 - 1130	CMR Basic Planning and CMR sequences
1130 - 1200	Anatomy ("Bright" and/or "Dark" blood methods). LV and RV Function. Acquisition and Analysis
1200 - 1230	Early and Late Gadolinium Imaging. Acquisition and Analysis
1230 - 1300	CMR Artefacts
1300 - 1400	Lunch
1400 - 1430	Post Processing Software Analysis Demonstration
	SESSION 3: PRACTICAL CMR
1430 - 1630	Case Review: 8 Cases i) Assessment of LV/RV function ii) Cardiomyopathy
1630 - 1700	Coffee Break
	SESSION 4: PRACTICAL CMR
1700 - 1830	Hands on at the Work Station: LV & RV Volumes Measurements

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DAY 2 - TUESDAY, 28TH APRIL 2026

TIME	TOPICS
	SESSION 5: CLINICAL & PRACTICAL CMR
0800 - 0930	Role of CMR in Cardiomyopathies and Heart Failure: i) Patterns of LGE ii) STIR-T2 iii) T1 mapping & ECV assessment iv) T2* assessment v) Inherited and Acquired Cardiomyopathies Case Review: 2 Cases (T2* and cardiomyopathy)
0930 - 1000	Role of CMR in MINOCA
1000 - 1030	Coffee Break
	SESSION 6: CLINICAL & PRACTICAL CMR
1030 - 1130	Role of CMR in Coronary Artery Disease: Stress Perfusion Study
1130 - 1300	Case Review: 8 Cases (LGE and Stress Perfusion Study)
1300 - 1400	Lunch
	SESSION 7: CLINICAL & PRACTICAL CMR
1400 - 1445	Role of CMR in Valvular Heart Disease: Flow imaging and Clinical Application in Valvular Assessment
1445 - 1600	Case Review: 8 Cases (Cardiomyopathy and Valvular Assessment)
1600 - 1630	CMR in Arrhythmia
1630 - 1700	Coffee Break
	SESSION 8: PRACTICAL CMR
1700 - 1830	Case Review: 8 Cases: i) T2* ii) Cardiomyopathy iii) Valvular Assessment

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DAY 3 - WEDNESDAY, 29TH APRIL 2026

TIME	TOPICS
	SESSION 9: CLINICAL & PRACTICAL CMR
0800 - 0900	Role of CMR in Assessment of Pericardial Disease, Cardiac Masses and Tumours
0900 - 1015	Case Review: 8 cases (Pericardial Disease, Cardiac Masses and Tumours)
1015 - 1030	Coffee Break
	SESSION 10: CLINICAL & PRACTICAL CMR
1030 - 1130	CMR in Congenital Heart Disease (Paediatrics and Adult)
1130 - 1300	Case Review: 6 cases (ASD,VSD,TOF,TGA)
1300 - 1400	Lunch
	SESSION 11: CLINICAL & PRACTICAL CMR
1400 - 1445	Role of CMR in Aortic Disease
1445 - 1545	Case Review: 6 cases (Aortic disease and Valvular Assessment)
1545- 1615	Coffee Break
1615 - 1645	Closing remarks regarding SCMR & EACVI Accreditation in CMR and further training
1645	CLOSE

****Programme is accurate at the time of release. Course organiser reserves the right to make changes to the course and programme without prior notice.**

REGISTRATION FEE

CATEGORY	EARLY BIRD FEE (before 31/12/2025)	REGULAR FEE (from 01/01/2026)
MALAYSIAN	RM 4,500	RM 5,000
NON-MALAYSIAN	USD 1,150	USD 1,350

PROGRAMME HIGHLIGHTS

- **3 DAYS INTENSIVE CMR PROGRAMME**
- **INTERNATIONALLY RENOWNED SPEAKERS**
- **EXCLUSIVE AND LIMITED TO 26 SEATS ONLY!**

VENUE

