

# IJN CMR Course 2019

11<sup>th</sup> – 13<sup>th</sup> March 2019  
(Includes 50 cases for SCMR Level 1 Accreditation)

## COURSE DIRECTOR

**Dr. Rafidah Abu Bakar**  
National Heart Institute, Kuala Lumpur

## INTERNATIONAL FACULTY

**Dr. Francisco Alpendurada**  
CMR Unit Consultant,  
Royal Brompton Hospital, London,  
United Kingdom

## LOCAL FACULTY

**Dr. Rafidah Abu Bakar** (National Heart Institute)  
**Dr. Akmal Hakim Arshad** (National Heart Institute)  
**Dr. Tan Lay Koon** (National Heart Institute)  
**Dr. Leong Min Chern** (National Heart Institute)

## Enquiry:

CMR Course Committee  
National Heart Institute (Institut Jantung Negara)  
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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, 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
- Real-life scanning demonstration
- 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

## ENDORSED BY



## CERTIFICATION

Attendees will be awarded a certificate of attendance that includes mentored number of cases reviewed. Together with evidence of 1 month clinical exposure of CMR, attendees can submit application to SCMR for Level 1 Accreditation

## ORGANISED BY

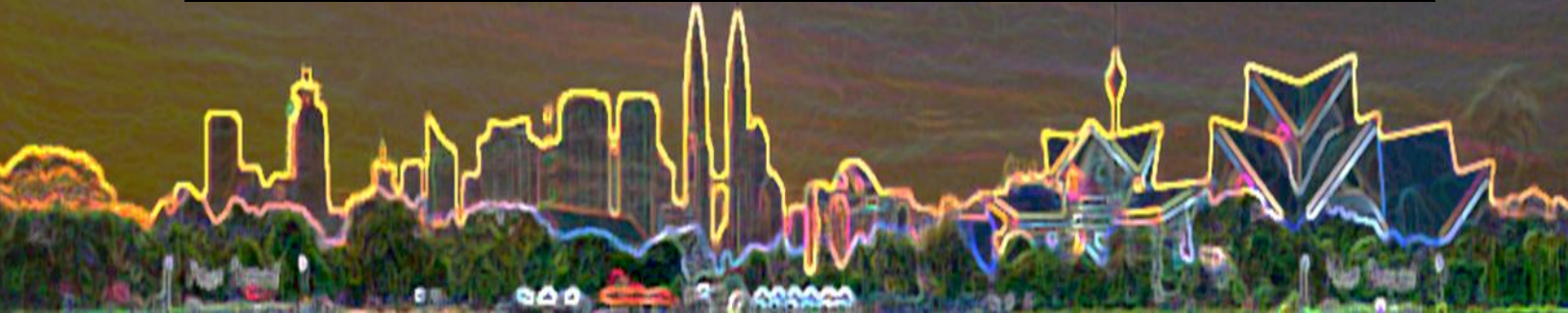


MONDAY - 11 <sup>th</sup> MARCH 2019		TUESDAY - 12 <sup>th</sup> MARCH 2019		WEDNESDAY - 13 <sup>th</sup> MARCH 2019	
0745-0830	Registration		<b>Session 5: Clinical and Practical CMR</b>		<b>Session 9: Clinical and Practical CMR</b>
0830-0845	Welcome Speech	0800-0930	Cardiomyopathy -Patterns of LGE -T1 mapping & ECV assessment -T2* Assessment Case Review: 2 cases (T2* and cardiomyopathy)	0800-0900	Pericardial Diseases and Masses
0845-0915	<b>Session 1: Basic CMR</b> Overview and Introduction to CMR	0930-1015	CMR in Acute Chest Pain and Dyspnoea -ACS -Myocarditis -Takotsubo Cardiomyopathy	0900-1015	Case Review: 6 Cases (Pericardial Diseases and Masses)
0915-0945	MRI Physics	1015-1030	Coffee Break	1015-1030	Coffee Break
0945-1015	CMR Basic Setup & Safety		<b>Session 6: Clinical and Practical CMR</b>		<b>Session 10: Clinical and Practical CMR</b>
1015-1045	Coffee Break	1030-1130	Stress Perfusion Study: Adenosine and Dobutamine Case Review: 8 Cases (LGE and Stress Perfusion Study)	1030-1130	CMR in Congenital Heart Disease Case Review: 6 Cases (ASD, VSD, TOF, TGA)
1045-1130	<b>Session 2: Basic CMR</b> CMR Basic Planning and CMR Sequences	1130-1300	Lunch	1130-1300	Lunch
1130-1200	Anatomy ("Bright" and/or "dark" blood methods). LV and RV Function. Acquisition and Analysis		<b>Session 7: Clinical and Practical CMR</b>		<b>Session 11: Clinical and Practical CMR</b>
1200-1230	Early and Late Gadolinium Imaging. Acquisition and Analysis	1415-1445	Flow Imaging and Clinical Application in Valves Assessment Case Review: 8 Cases (Cardiomyopathy and Valves Assessment)	1400-1445	Aortic Disease
1230-1300	CMR Artefacts	1445-1600	Coffee Break	1445-1545	Case Review: 8 Cases (Aortic Disease and Valves Assessment)
1300-1400	Lunch	1600-1615	Coffee Break	1545-1615	Coffee Break
1400-1430	<b>Circle CVI Session</b>	1615-1815	<b>Session 8: Practical CMR</b> Case Review: 10 Cases -T2* -Cardiomyopathy -Valves Assessment	1615-1645	SCMR Accreditation and Further Training
1430-1630	<b>Session 3: Practical CMR</b> Life Scanning Session -Cardiomyopathy -Stress Perfusion Study			1645	Close
1630-1700	Coffee Break				
1700-1830	<b>Session 4: Practical CMR</b> Case Review : 6 Cases -Assessment of LV/RV Function -Cardiomyopathy				

**\*\*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

Early Bird Fee (Until 31 <sup>st</sup> August 2018)	RM4,770.00
Regular Fee (From 1 <sup>st</sup> September 2018)	RM5,300.00



## PROGRAMME HIGHLIGHTS:

- 3 days intensive CMR programme
- Internationally renowned speaker
- Exclusive and limited to 30 seats only!
- Live scanning session

