

Malaysia Cardiac MRI Course 18th-20th September 2017

(Includes cases for SCMR Level 1 Accreditation)

National Heart Institute, Kuala Lumpur



INTERNATIONAL FACULTY

Prof. Dudley Pennell
CMR Unit Director,
Royal Brompton Hospital, London,
United Kingdom

LOCAL FACULTY

Dr. Sanjiv Joshi (Pantai Hospital KL)
Dr. Tan Lay Koon (National Heart Institute)
Dr. Leong Min Chern (Gleneagles Hospital KL)
Dr. Rafidah Abu Bakar (National Heart Institute)
Dr. Akmal Arshad (National Heart Institute)

Enquiry:

CMR Course Committee
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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

EDUCATION PARTNERS



MONDAY 18th SEPTEMBER 2017

0745-0830	Registration
0830-0845	Welcome speech
	Session 1: Basic CMR
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
1400-1445	Siemens Session
	Session 3: Practical CMR
1445-1615	Hands-on with workstation - Introduction to workstation & image acquisition/planning - EGE & LGE - Cardiomyopathy - LV/RV function
1615 - 1630	Coffee Break
	Session 4: Practical CMR
1630-1800	Case Review (10 cases): - Assessment of LV/RV function - Cardiomyopathy
2000-2200	Dinner

TUESDAY 19th SEPTEMBER 2017

	Session 5: Clinical and Practical CMR
0800-0930	Cardiomyopathy -Patterns of LGE -T1 mapping & ECV assessment -T2* assessment Case Review: 2 cases (T2* and cardiomyopathy)
0930-1015	CMR in acute chest pain and dyspnoea -ACS -Myocarditis -TCM
1015-1030	Coffee Break
	Session 6: Clinical and Practical CMR
1030-1130	Stress perfusion: Adenosine and Dobutamine
1130-1300	Case review: 10 CAD cases (LGE and perfusion study)
1300-1400	Lunch
1400-1420	Circle CVI Session
	Session 7: Clinical and Practical CMR
1420-1450	Flow imaging and Clinical application in Valves Assessment
1450-1600	Case Review: 10 cases (Cardiomyopathy and Valves assessment)
1600-1615	Coffee Break
	Session 8: Practical CMR
1615-1815	Hands-on with workstations - Image acquisition/planning -T2* -Perfusion -Valves assessment

WEDNESDAY 20th SEPTEMBER 2017

	Session 9: Clinical and Practical CMR
0800-0900	Pericardial diseases and masses
0900-1015	Case Review: 8 cases (Pericardial diseases and masses)
1015-1030	Coffee Break
	Session 10: Clinical and Practical CMR
1030-1130	CMR in congenital heart disease
1130-1300	Case Review: 8 cases (ASD,VSD,TOF,TGA)
1300-1400	Lunch
	Session 11: Clinical and Practical CMR
1400-1445	Aortic disease
1445-1545	Case Review: 8 cases (Aortic disease and valves assessment)
1545-1615	Coffee Break
1615-1645	SCMR accreditation and further training
1645	Close

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

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Registration Fee

Early Bird Fee (Until 30 th June 2017)	RM4,500.00
Regular Fee (From 1 st July 2017)	RM5,000.00

Programme Highlights:

- 3 days intensive CMR programme
- Internationally renowned speaker
- Exclusive and limited to 20 seats only!
- Live scanning session
- Hands-on session

