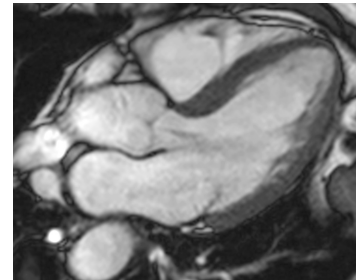
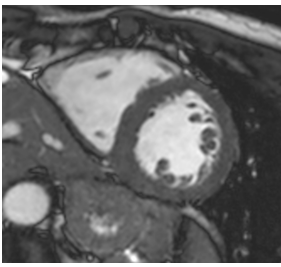


# CMR TEACHING COURSE : Level 1 - Intermediate

22-23 October 2016  
Sarawak Heart Centre, Malaysia



## Course Description

This teaching course with expert faculty provides an opportunity for you to learn the basics of CMR. This includes understanding of patient preparation, scan procedure and reporting. There will be live scanning as well as case discussions. This course is directed towards cardiologists and radiologists.

## Course faculty

Prof Eike Nagel (Germany)  
Dr. Nor Hanim Mohd. Amin (Malaysia)  
Dr. Valentina Puntmann (Germany)  
Dr. Martin Wong (Malaysia)

## Organiser and Venue

Department of Cardiology  
Sarawak Heart Centre, 94300 Kota Samarahan, Sarawak, Malaysia

## Suggested Accommodation

Hilton Kuching (<http://www3.hilton.com/en/hotels/malaysia/hilton-kuching-KUCHITW/index.html>)  
Pullman Kuching Hotel (<http://www.accorhotels.com/gb/hotel-6332-pullman-kuching/index.shtml>)  
The Waterfront Hotel (<http://thewaterfrontkuching.com>)  
Merdeka Palace (<http://www.merdekapalace.com>)

## Endorsed by :



Society for  
Cardiovascular  
Magnetic Resonance



National Heart  
Association of  
Malaysia



Society of  
Cardiac Imaging  
Malaysia

## Sponsors :



Science For A Better Life

Bayer



Philips



Circle  
Cardiovascular  
Imaging

## Preliminary Programme \*

### Day 1 : 22 October 2016

- 0800 - 0900     **REGISTRATION**
- 0900 - 0915     **Welcome and Objectives** - Prof Eike Nagel
- 0915 - 1015     **MR - Physics of CMR Applications** - Prof Eike Nagel
- 1015 - 1030     **TEA BREAK**
- 1030 - 1100     **CMR Protocols : Planning For Cardiac Anatomy And Function** - Dr Valentina Puntmann
- 1100 - 1200     **Introduction To Cardiomyopathy : Basic Tissue Characterization (LGE, EGE, T2)**  
- Dr Valentina Puntmann
- 1200 - 1230     **CMR In Acute Chest Pain And Dyspnoea : ACS, Myocarditis, Tako-tsubo, HFpEF**  
- Prof Eike Nagel
- 1230 - 1330     **LUNCH**
- 1330 - 1430     **Ischemic Heart Disease : Pathophysiology, Stress Testing, Viability Testing, Post-Infarction Imaging, Pre-CRT Imaging** - Prof Eike Nagel
- 1430 - 1530     **Tissue Contrast And Mapping Techniques : T1/T2/T2\* Mapping** - Dr Valentina Puntmann
- 1530 - 1600     **TEA BREAK**
- 1600 - 1700     **Cases and Post processing analysis: CMR In Clinical Practice** - Dr Nor Hanim
- 1700 - 1800     **Scanning Session : Viability** - Dr Nor Hanim
- 1930             **DINNER**

### Day 02 : 23 October 2016

- 0815 - 0915     **Indications And Outcome** - Prof Eike Nagel
- 0915 - 1015     **How To Set Up A Basic Protocol And Clinical Service : With And Without Perfusion**  
- Prof Eike Nagel
- 1015 - 1030     **TEA BREAK**
- 1030 - 1115     **Optimized Use Of Contrast Agents For CMR** - Prof Eike Nagel
- 1115 - 1200     **CMR In Congenital Heart Disease : Anatomy And Flow Quantification** - Dr Martin Wong
- 1200 - 1300     **The Role Of CMR In Valvular Heart Disease** - Dr Nor Hanim
- 1300 - 1400     **LUNCH**
- 1400 - 1500     **Scanning Session : Adenosine Stress Perfusion** - Dr Nor Hanim
- 1500 - 1545     **Post processing analysis** - Dr Nor Hanim
- 1545 - 1630     **Summary and Adjourn**

*\*subject to change*

## Registration Form

Dr / Mr / Mrs / Miss	Last Name	First Name	Middle Name
Office No	Mobile No	Email address	
Institution / Hospital			
Profession		Type of MRI scanner that you are using	
Special dietary requests			
Emergency Contact			
Name	Contact No	Relationship	

### Course Fee

	Malaysian Participants	Non-Malaysian Participants
Before 22nd September 2016	RM 2200	Euro 600
22nd September 2016 onwards	RM 2500	Euro 650

### Registration & Payment

Payment by telegraphic transfer or cheque payable to  
 Account : "Persatuan Kakitangan Pusat Jantung Hospital Umum Sarawak"  
 Account No.: 8005087527  
 Bank : CIMB Bank Berhad  
 Branch : Twin Towers, Jalan Rock, 93250 Kuching, Malaysia  
 SWIFT Code: CIBBMYKL

You may email / fax this registration form and mail payment (if paying by cheque) to  
 Nurse Tan Lee Choo or Mr Franklin Redha or Dr Nurul Liyana  
 Cardiac Imaging Unit, Sarawak Heart Centre, 94300 Kota Samarahan, Sarawak,  
 Malaysia  
 Tel no:+60 82668111 Fax no: +60 82455436  
 Email: [cmrshcevent@gmail.com](mailto:cmrshcevent@gmail.com)