



CMR

CLINICAL RESEARCH GROUP

LEEDS

### Course objectives

Cardiac Magnetic Resonance (CMR) Imaging is increasingly available and clinically used in many areas of cardiological practice. Training in CMR has become a formal requirement in future cardiology core curricula. For all trainees and practitioners in cardiology, knowledge of the common indications for CMR imaging and a basic understanding of the information provided by this imaging modality are therefore of growing importance.

This course has been designed by cardiologists specifically for cardiology trainees and cardiologists. It aims to present the basics of CMR methodology and its daily applications. The focus of the course is very firmly clinical and lectures are presented in a case-based format and incorporate a question and answer session. All participants will get the opportunity to be involved in scanning patients. An experienced faculty of speakers will ensure presentations of the highest standard.

### The faculty

Dr. John Greenwood	University of Leeds
Dr. Sven Plein	University of Leeds
Dr. Adam Mather	University of Leeds
Dr. Tim Fairbairn	University of Leeds
Dr. James Moon	The Heart Hospital, London
Dr. George Ballard	Leeds General Infirmary
Dr. Catherine Dickinson	Leeds General Infirmary
Dr. John Ridgway	Leeds General Infirmary
Mrs. Margaret Saysell	Leeds General Infirmary
Dr. Nigel Artis	Leeds General Infirmary
Dr. Dominic Schlosshahn	Leeds General Infirmary
Mr. M. Clemence	Philips Medical Systems

## Cardiac MR in clinical practice

University of Leeds

11<sup>th</sup>/12<sup>th</sup> October 2010

## Preliminary programme

Sponsored by

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## Monday, October 11th, 2010

### Module 1 – The Basics 1

10:00	Registration / Coffee	
10:30	CMR Imaging – an introduction to basic imaging methods	J. Greenwood
10:55	Questions and discussion	
11:05	CMR Physics made easy	J. Ridgway
11:30	Questions and discussion	
11:40	CMR safety – pacemakers and other contraindications	M. Saysell
11:55	Questions and discussion	
12:05	Cardiac anatomy as shown by CMR	J. Moon

12:30 Lunch

### Module 2 – The Basics 2

13:15	Advanced CMR methods	S. Plein
13:40	Questions and discussion	
13:50	Cardiomyopathies	J. Moon
14:25	Questions and discussion	
14:35	Aortic Disease	T. Fairbairn
14:55	Questions and discussion	

15:05 Coffee

### Module 3 – Ischaemic Heart Disease

15:25	Stress imaging with CMR	S. Plein
15:50	Questions and discussion	
16:00	Viability assessment by CMR	J. Greenwood
16:25	Questions and discussion	
16:35	CMR in Ischaemic heart disease	A. Mather
17:00	Questions and discussion	
17:10	Conclusion	

19:30 Social event-sponsored by Philips Medical Systems

## Tuesday, October 12th, 2010

### Module 3 – Practical scanning and reporting

08:45	Coffee	
09:00	Summary of Day1	
09:15	Group 1 Scanning	Group 2 Reporting
10:45	Group 2 Scanning	Group 1 Reporting

12:30 Lunch (and posters)

### Module 4 – Other CMR indications

13:15	Masses / Pericardium	N. Artis
13:35	Questions and discussion	
13:45	Valves and flow	T. Fairbairn
14:05	Questions and discussion	
14:15	Basic Congenital CMR	G. Ballard
14:45	Questions and discussion	
14:55	CMR and EP	S. Plein
15:10	Questions and discussion	

15:15 Coffee

### Module 5 – Wrap up

15:35	Training in CMR	J. Greenwood
15:50	Questions and discussion	
15:55	Future developments in CMR	M. Clemence
16:10	Questions and discussion	
16:15	Debate – “The weakest link in IHD imaging”	
	1 SPECT	C. Dickinson
	2 CMR	A. Mather
	3 Cardiac CT	D. Schlosshahn

16:45 Closing remarks

17:00 Meeting close