

15th SPR Hands-On Course on Pediatric Cardiovascular MR
The Hospital for Sick Children

October 10 – 12, 2017

Course Directors: Dr. Lars Grosse-Wortmann, Dr. Mike Seed

Planning Committee: Dr. Taylor Chung, Dr. Rajesh Krishnamurthy, Dr. Cynthia Rigsby, Dr. Joshua Robinson,

Organizational Co-ordination: Sue Morton, Divya Hari Kannan

TUESDAY, OCTOBER 10, 2017

7:15 – 8:00 *Registration and Continental Breakfast*

Foundation I

8:00 – 8:15 Welcome and Introduction from the Chiefs of Radiology & Cardiology
8:15 – 9:00 Normal Cardiac Anatomy and Imaging
9:00 – 9:45 Segmental Approach to Congenital Heart Disease and Terminology
9:45 – 10:00 Discussion

10:00 – 10:30 *Break*

Foundation II **Parallel Sessions:**
Basic MR Physics, Basic CV Hemodynamics, Surgeries

10:30 – 12:00 MR Physics for Beginners
10:30 – 11:00 Basics of Cardiac Function and Hemodynamics
11:00 – 12:00 Common Surgeries for Repair / Palliation of CHD

12:00 – 1:00 *Lunch*

Foundation III

1:00 – 3:00 Practical Physics for Cardiovascular Imaging
3:00 – 3:15 Discussion

3:15 – 3:45 *Break*

3:45 – 4:15 MR Protocol for Ventricular Functional Assessment
4:15 – 4:45 MR Protocol for Blood Flow Assessment
4:45 – 5:00 Discussion
5:00 – 5:30 Numbers Game with MR Data
5:30 – 5:45 Discussion

7:00 – 9:00 Welcome Dinner

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WEDNESDAY, OCTOBER 11, 2017

8:00 – 8:30 *Continental Breakfast*

GROUP 1

8:30 – 12:10 Interactive Small Group Scanning

GROUP 2 & 3 Lectures

8:30 – 9:10 MR Protocol for Contrast Enhanced MRA

9:10 – 9:50 MR Evaluation of Repaired Tetralogy of Fallot

9:50 – 10:10 *Break*

ALL

10:10 – 10:50 MR Evaluation for Single Ventricle Repair Through the Stages

10:50 – 11:30 MR of Aortic Valve Diseases and Obstructive Lesions of the
Aortic Arch

11:30 – 12:10 MR Evaluation of Cardiomyopathies

12:10 – 1:10 *Lunch*

1:10 – 5:00 Parallel Sessions

***a break will be provided mid-way through*

1:10 – 5:00 Hands-on Post-processing - **Group 1**

1:10 – 5:00 Interactive MR Scanning - **Group 2**

1:10 – 5:00 Case Studies - **Group 3**

5:00 – 5:30 End of Day Discussion

All Faculty

THURSDAY, OCTOBER 12, 2017

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8:00 – 8:30	<i>Continental Breakfast</i>	
8:30 – 11:50	Parallel Sessions	**a break will be provided mid-way through
8:30 – 11:50	Case Studies - Group 1	George Culham, Cynthia Rigsby
8:30 – 11:50	Hands-on Post-processing - Group 2	Lars Grosse-Wortmann, Rajesh Krishnamurthy, Vivek Muthurangu
8:30 – 11:50	Interactive MR Scanning - Group 3	Mike Seed Mark Fogel, Taylor Chung, Andrew Powell
11:50 – 12:20	Putting It All Together and Creating a Report	Andrew Powell
12:20 – 1:20	<i>Lunch</i>	
Group 2		
1:20 – 5:00	Case Studies	George Culham, Cynthia Rigsby
Group 3		
1:20 – 5:00	Hands-on Post-processing	Lars Grosse-Wortmann, Rajesh Krishnamurthy, Vivek Muthurangu
Group 1		
Lectures		
1:20 – 2:00	MR Protocol for Contrast Enhanced MRA	Rajesh Krishnamurthy
2:00 – 2:40	MR Evaluation of Repaired Tetralogy of Fallot	Mike Seed
2:40 – 3:00	<i>Break</i>	
3:00 – 3:40	MR Evaluation for Single Ventricle Repair Through the Stages	Mark Fogel
3:40 – 4:20	MR of Aortic Valve Diseases and Obstructive Lesions of the Aortic Arch	Joshua Robinson
4:20 – 5:00	MR Evaluation of Cardiomyopathies	Andrew Powell
5:00 – 5:30	Extended Discussion, Questions and Answers, Course Evaluation, Adjourn	All Faculty

Thank you all for attending.

A friendly reminder to drop off speaker evaluations at the registration desk!