



Foundations of CMR – Level 1.5 Course Workshop

Adult and Pediatric CMR with Live Scanning

5-7 June 2026 • Philadelphia, PA



Society for
Cardiovascular
Magnetic
Resonance

FRIDAY, 5 JUNE, 2026

7:00 AM - 8:00 AM	Breakfast and Registration
8:00 AM - 8:15 AM	Welcome and Introduction <i>Mark Fogel and Victor Ferrari, Joe Rossano</i>
SESSION 1	Co-chairs: Walter Witschey / Suraj Serai
8:20 AM - 8:50 AM	CMR Physics – The Basics <i>Walter Witschey</i>
8:55 AM - 9:25 AM	Pulse Sequences <i>Suraj Serai</i>
9:30 AM - 10:00 AM	Artifacts <i>Paco Bravo</i>
10:00 AM - 10:20 AM	Break
SESSION 2	Co-chairs: Faisal Jamal / Ted Martin
10:25 AM - 10:55 AM	Flow Imaging and Quantitative Analysis of Velocity-Encoded Images <i>Carlos Guerrero</i>
11:00 AM - 11:30 AM	MRI Contrast Agents; Mechanisms and Applications <i>Faisal Jamal</i>
11:35 AM - 12:05 PM	Tissue Characterization: Myocardial Infarction, Scarring, and Viability Assessment <i>Amit Patel</i>
12:10 PM - 12:55 PM	Lunch: The History and Origins of Cardiac MR <i>Leon Axel</i>
SESSION 3	Co-chairs: Matt Harris / Victor Ferrari
12:55 PM - 1:25 PM	CMR techniques for infants, children and fetuses <i>Matt Harris</i>
1:30 PM - 1:50 PM	CMR of Right and Left Ventricular Function <i>Leon Axel</i>
1:55 PM - 2:25 PM	CMR of Valvar Heart Disease <i>Victor Ferrari</i>
2:25 PM - 2:45 PM	Break
SESSION 4	Co-chairs: Mahesh Vidula
2:45 PM - 3:15 PM	Cardiomyopathy/Myocarditis: Adult and Pediatric <i>Danish Vaiyani and Amit Patel</i>
3:20 PM - 3:50 PM	Hypertrophic Cardiomyopathy: Adult and Pediatric <i>Danish Vaiyani and Amit Patel</i>
3:55 PM - 4:25 PM	Inflammatory Cardiomyopathy <i>Mahesh Vidula</i>
4:25 PM - 4:45 PM	Break
SESSION 5	Co-chairs: Danish Vaiyani /Amit Patel
4:45 PM - 5:15 PM	CMR and devices <i>Ted Martin</i>
5:20 PM - 5:45 PM	Cases <i>Danish Vaiyani, Amit Patel, Paco Bravo</i>
5:50 PM - 6:20 PM	MRI Safety <i>George Englehardt</i>
6:20 PM - 6:30 PM	Q&A, Wrap up and adjourn <i>Mark Fogel, Victor Ferrari</i>
6:30 PM - 7:30 PM	Welcome Reception



Dedicated to Nathaniel Reichel

University of Pennsylvania/Children's Hospital of Philadelphia



scmr.org



SCMRorg



Foundations of CMR – Level 1.5 Course Workshop

Adult and Pediatric CMR with Live Scanning

5-7 June 2026 • Philadelphia, PA



Society for
Cardiovascular
Magnetic
Resonance

SATURDAY, 6 JUNE, 2026

7:00 AM - 7:45 AM	Breakfast and sign in
7:45 AM - 7:55 AM	Logistics for Day 2 <i>Mark Fogel and Victor Ferrari</i>
SESSION 6	Co-chairs: Yuli Kim
8:00 AM - 8:30 AM	Simple Congenital Heart Disease <i>Kevin Whitehead</i>
8:35 AM - 9:05 AM	TOF/TGA <i>Dave Biko</i>
9:10 AM - 9:40 AM	Single Ventricle and Complex Congenital Heart Disease <i>Mark Fogel</i>
9:40 AM - 10:00 AM	Break
SESSION 7	Co-chairs: Mahesh Vidula and Sara Partington
10:00 AM - 10:30 AM	Cardiac Tumors in Pediatrics <i>Sara Partington</i>
10:35 AM - 11:05 AM	Coronary Imaging – Normal and Congenital <i>Mark Fogel</i>
11:10 AM - 11:45 PM	Pericardial disease <i>Carlos Guerrero</i>
11:50 AM - 12:20 PM	Cases <i>Mark Fogel, Kevin Whitehead, David Biko</i>
12:20 PM - 1:15 PM	Lunch: How I Read Stress CMR <i>Amit Patel</i>
1:15 PM - 3:15 PM	Live Scanning — CHOP <i>Mark Fogel/Kevin Whitehead/David Biko</i>
SESSION 8	Co-chairs: Victor Ferrari / Ted Martin
3:20 PM - 3:50 PM	Stress Testing: Pharmacologic and Ergometry <i>Victor Ferrari</i>
3:55 PM - 4:25 PM	Vascular Pathology <i>Ted Martin</i>
4:25 PM - 4:50 PM	Break
4:50 PM - 6:20 PM	Post Processing <i>Kevin Whitehead/Dave Biko/Mark Fogel and Vendors</i>
6:20 PM - 6:30 PM	Q&A, Wrap up and adjourn <i>Mark Fogel and Vic Ferrari</i>



Dedicated to Nathaniel Reichel

University of Pennsylvania/Children's Hospital of Philadelphia



Foundations of CMR – Level 1.5 Course Workshop

Adult and Pediatric CMR with Live Scanning

5-7 June 2026 • Philadelphia, PA



SUNDAY, 7 JUNE, 2026

7:00 AM - 7:45 AM	Breakfast and sign in
7:45 AM - 7:55 AM	Logistics for Day 3 <i>Mark Fogel and Victor Ferrari</i>
SESSION 9	Co-chairs: Benedicte Lefebvre / Mark Fogel
8:00 AM - 8:30 AM	Start Your Own CMR Program <i>Ted Martin</i>
8:35 AM - 9:05 AM	Cardiac Tumors in the Adult <i>Benedicte Lefebvre</i>
9:10 AM - 9:50 AM	Pulmonary Hypertension <i>Carlos Guerrero</i>
9:50 AM - 10:10 AM	Break
10:15 AM - 12:00 PM	Live Scanning — HUP <i>Victor Ferrari</i>
12:00 PM - 12:40 PM	Lunch
SESSION 10	Co-chairs: Walter Witschey / Amit Patel
12:40 PM - 1:10 PM	Cases <i>Victor Ferrari, Mahesh Vidula, Benedicte Lefebvre</i>
1:15 PM - 1:45 PM	Artificial Intelligence in CMR <i>Walter Witschey</i>
1:50 PM - 2:20 PM	The Future: Newer Techniques <i>Mark Fogel/Victor Ferrari</i>
2:20 AM - 2:40 AM	Break
2:45 PM - 4:20 PM	Post Processing <i>Amit Patel/Vic Ferrari/ and Vendors</i>
4:20 PM - 4:30 PM	Questions/Wrap up/Feedback and Closing Remarks <i>Mark Fogel/Victor Ferrari</i>



Dedicated to Nathaniel Reichel

University of Pennsylvania/Children’s Hospital of Philadelphia



scmr.org



SCMRorg