



Foundations of CMR – Level 1.5 Course Workshop
 Adult and Pediatric CMR with Live Scanning
 5-7 June 2026 • Philadelphia, PA



FRIDAY, 5 JUNE, 2026	
7:00 AM - 8:00 AM	Breakfast and Registration
8:00 AM - 8:15 AM	Welcome and Introduction
8:00 AM - 8:40 AM	CMR Physics – The Basics
8:45 AM - 9:25 AM	Pulse Sequences
9:30 AM - 10:00 AM	Artifacts
10:10 AM - 10:25 AM	Break
10:25 AM - 10:55 AM	MRI Contrast Agents; Mechanisms and Applications
11:00 AM - 11:30 AM	Flow Imaging and Quantitative Analysis of Velocity-Encoded Images
11:35 AM - 12:05 PM	Tissue Characterization: Myocardial Infarction, Scarring, and Viability Assessment
12:10 PM - 12:55 PM	Lunch: The History and Origins of Cardiac MR
12:55 PM - 1:25 PM	CMR techniques for infants, children and fetuses
1:30 PM - 1:50 PM	CMR of Right and Left Ventricular Function
1:55 PM - 2:25 PM	CMR of Valvar Heart Disease
2:25 PM - 2:45 PM	Break
2:45 PM - 3:15 PM	Cardiomyopathy/Myocarditis: Adult and Pediatric
3:20 PM - 3:50 PM	Hypertrophic Cardiomyopathy: Adult and Pediatric
3:55 PM - 4:25 PM	Inflammatory Cardiomyopathy
4:25 PM - 4:45 PM	Break
4:45 PM - 5:15 PM	CMR and devices
5:20 PM - 5:45 PM	Cases
5:50 PM - 6:20 PM	MRI Safety
10:10 AM - 10:25 AM	Break
6:20 PM - 6:30 PM	Q&A, Wrap up and adjourn



Dedicated to Nathaniel Reichek

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SATURDAY, 6 JUNE, 2026

7:00 AM - 7:45 AM	Breakfast and sign in
7:45 AM - 7:55 AM	Logistics for Day 2
8:00 AM - 8:30 AM	Simple Congenital Heart Disease
8:35 AM - 9:05 AM	TOF/TGA
9:10 AM - 9:40 AM	Single Ventricle and Complex Congenital Heart Disease
9:40 AM - 10:10 AM	Break
10:00 AM - 10:30 AM	Cardiac Tumors in Pediatrics
10:35 AM - 11:05 AM	Coronary Imaging – Normal and Congenital
11:10 AM - 11:45 PM	Pericardial disease
11:50 AM - 12:20 PM	Cases
12:20 PM - 1:15 PM	Lunch
1:15 PM - 3:15 PM	Live Scanning — CHOP
3:20 PM - 3:50 PM	Stress Testing: Pharmacologic and Ergometry
3:55 PM - 4:25 PM	Vascular Pathology
4:25 PM - 4:50 PM	Break
4:50 PM - 6:20 PM	Post Processing
6:20 PM - 6:30 PM	Q&A, Wrap up and adjourn



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SUNDAY, 7 JUNE, 2026	
7:00 AM - 7:45 AM	Breakfast and sign in
7:45 AM - 7:55 AM	Logistics for Day 3
8:00 AM - 8:30 AM	Pulmonary Hypertension
8:35 AM - 9:05 AM	Cardiac Tumors in the Adult
9:10 AM - 9:50 AM	Start Your Own CMR Program
9:50 AM - 10:10 AM	Break
10:15 AM - 12:00 PM	Live Scanning — HUP
12:00 PM - 12:40 PM	Lunch
12:40 PM - 1:10 PM	Cases
1:15 PM - 1:45 PM	Artificial Intelligence in CMR
1:50 PM - 2:20 PM	The Future: Newer Techniques
2:30 AM - 2:40 AM	Break
2:45 PM - 4:20 PM	Post Processing
4:20 PM - 4:30 PM	Questions/Wrap up/Feedback and Closing Remarks



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