

Foundations of CMR – A Level I.5 Workshop September, 2024: Day 1 University of Pennsylvania/Children's Hospital of Philadelphia

Philadelphia PA USA				
7:00 – 7:30 AM	Breakfast and R	egistration		
7:35 – 7:55 AM	Welcome and Intro			
8:00 – 8:40 AM	CMR Physics ar	CMR Physics and Pulse Sequences		
8:45 – 9:25 AM	MRI contrast a	MRI contrast agents; mechanisms and applications		
9:30 – 10:10 AM	Flow Imaging a Images	Flow Imaging and Quantitative Analysis of Velocity-Encoded Images		
10:10 – 10:25 AM	Break	Break		
10:25-11:05	Tissue Characterization: Myocardial Infarction, Scarring, and Viability Assessment			
11:10 AM – 11:50 PM	CMR of Right a Ventricular Fur			
11:55 AM - 12:35 PM	CMR of Valvula	CMR of Valvular Heart Disease		
12:35 – 1:15 PM		Lunch		
1:15 – 1:55 PM		Cases		
2:00 – 2:40 PM	Stress Testing:	Stress Testing: Pharmacologic and Ergometry		
2:45 – 3:25 PM	Vascular Patho	Vascular Pathology		
3:25 - 3:40	Break	Break		
3:40 – 4:20 PM	CMR technique	CMR techniques for infants, children and fetuses		
4:25 – 5:05 PM	CMR and devic	CMR and devices		
5:10 – 5:50 PM	Cardiomyopath	Cardiomyopathy/Heart Failure/Myocarditis		
5:55 – 6:30 PM	MRI Safety	MRI Safety		
6:30 PM	Wrap up and adjourn			

Foundations of CMR – A Level I Workshop September, 2024: Day 2 University of Pennsylvania/Children's Hospital of Philadelphia

Philadelphia PA USA			
7:00 – 7:45 AM	Breakfast		
7:45 – 7:55 AM	Logistics for Day 2		
8:00 – 8:40 AM	Simple congenital heart disease		
8:45 – 9:25 AM	TOF/TGA		
9:30 – 10:10 AM	Single ventricle and complex congenital heart disease		
10:10-10:25 AM	Break		
10:25-11:05	Cardiac tumors across the lifespan		
11:10 AM - 11:50 PM	Coronary Imaging – Normal and Congenital		
11:55 AM - 12:35 PM	Pericardial disease		
12:35 – 1:15 PM		Lunch	
1:15 – 1:55 PM		Live scanning*	
2:00 – 2:40 PM	Start your own CMR program		
2:45 – 3:30 PM	Pulmonary hypertension		
3:30 – 3:45 PM	Break		
3:45 – 5:00 PM	Post processing		
5:05 – 5:45 PM	The future: newer techniques		
5:50 – 6:00 PM	Questions and closing remarks		