



**11th Annual CMR Training Course:
“Principles and Practice of Cardiovascular MR”
March 11-13, 2009**



Wednesday March 11th

Lecture Series

10:00 - 11:00	<i>Course Registration</i>	
11:00 - 11:15	<i>Welcome/Introduction</i>	<i>Wickline</i>
11:15 - 12:00	Basic Physics of CMR	
12:00 - 12:30	CMR Basic Anatomy & Function Protocol	
12:30 - 01:15	Myocardial Perfusion and Viability	
01:15 - 02:00	MRA of the Peripheral Vasculature, Aorta, & Pulmonary	Martin
02:00 - 02:30	Lunch/Break	
02:30 - 03:15	Setting Up a Clinical CMR Practice	Martin
03:15 - 04:00	Pediatric/Congenital CMR	Fogel
04:00 - 04:45	Application of CMR in Acute Chest Pain	Arai
04:45 - 05:45	Case Studies	Faculty
 <i>Optional:</i>		
	CMR Technology- Software & Hardware	Vendors

Thursday March 12th

Hands-on Portion Section I

07:30 - 08:00	<i>Continental Breakfast</i>	
08:00 - 10:00	Group I	Demonstration of ECG/VCG Setup plus Basic Functional - (3T)
	Group II	Basic CMR Functional Study (1.5T)
10:00 - 10:15	<i>Break</i>	
10:15 - 12:15	Group II	Demonstration of ECG/VCG Setup plus Basic Functional - (3T)
	Group I	Basic CMR Functional Study (1.5T)
12:15 - 13:30	<i>Luncheon</i>	
13:30 - 15:30	Group I	CMR Scanning Exercises (1.5T or 3T)
	Group II	Image Analysis/Reading Case Studies
15:30 - 15:45	<i>Break</i>	
	Group II	CMR Scanning Exercises (1.5T or 3T)
	Group I	Image Analysis/Reading Case Studies

Hands-on Portion Section II

07:30 – 08:00	<i>Continental Breakfast</i>	
08:00 – 09:30	Group I	CMR Scanning Exercises (1.5T or 3T)
	Group II	Image Analysis/Reading Case Studies
09:30 – 09:45	<i>Break</i>	
09:45 – 11:15	Group II	CMR Scanning Exercises (1.5T or 3T)
	Group I	Image Analysis/Reading Case Studies
11:15 – 12:15	<i>Luncheon</i>	
12:30 – 13:30	Group I	CMR Scanning Exercises (1.5T or 3T)
	Group II	Image Analysis/Reading Case Studies
13:30 – 13:45	<i>Break</i>	
13:45 – 14:45	Group II	CMR Scanning Exercises (1.5T or 3T)
	Group I	Image Analysis/Reading Case Studies
14:45 – 15:00	<i>Break</i>	
15:00 – 16:00	Group I	CMR Scanning Exercises (1.5T or 3T)
	Group II	Image Analysis/Reading Case Studies