



Introduction to Cardiac MRI Preliminary Agenda, March 23/24, 2024

Day 1	Session Title	Session Description
8.30am	Introduction to CMR	<i>Introduction to cardiac MRI in practice: cardiovascular structures, anatomy, and imaging planes. Axial walk through.</i>
9.00 am	Relatively easy MRI physics and Safety	<i>MRI physics made (relatively) easy; including artefacts, arrhythmia, and contrast agents, how LGE works. CMR safety: magnetic fields, contrast agents, implanted devices, and contraindications</i>
9.45am	MRI Safety Considerations for CMR	<i>Delving deeper into safety considerations in the context of cardiac MRI, addressing potential risks and best practices.</i>
10.30am	Sponsor Presentation (One)	
10.40am	Morning Tea	<i>A short break to facilitate networking and refreshment.</i>
11.00am	MRI for structure and function	<i>Exploring how cardiac MRI contributes to understanding both the anatomical and functional aspects of the heart.</i>
11.45am	Aortic disease, flow, and valvular heart disease	<i>In-depth coverage of MRI applications in assessing aortic pathologies, blood flow dynamics, and valvular disorders.</i>
12.30pm	Lunch	<i>A break for participants to enjoy lunch and engage in informal discussions</i>
13.15pm	Sponsor Presentation (Two)	
13.25pm	Ischaemic heart disease	<i>Examining the role of cardiac MRI in the evaluation and diagnosis of ischemic heart disease.</i>

14.10pm	MINOCA	<i>A dedicated session on Myocardial Infarction with Non-Obstructive Coronary Arteries (MINOCA), highlighting the nuances and challenges in diagnosis through CMR.</i>
14.40pm	Perfusion	<i>Discussing the significance and techniques of perfusion imaging in the context of cardiac MRI.</i>
15.10pm	Sponsor Presentation (Three)	
15.20pm	Break	<i>Another short break for networking and refreshment.</i>
15.40pm	ARVD (Arrhythmogenic Right Ventricular Dysplasia)& ACM (Arrhythmogenic Cardiomyopathy)	<i>Focusing on the use of cardiac MRI in the diagnosis and management of ARVD.</i>
16.10pm	Amyloid: Role of MRI in Guiding Diagnosis and Management	<i>Exploring the specific role of MRI in diagnosing and managing cardiac amyloidosis.</i>
16.30pm	Hypertrophic Cardiomyopathy	<i>A comprehensive session on the role of cardiac MRI in assessing and managing hypertrophic cardiomyopathy.</i>
16.55pm	Cardiac MRI in Heart Failure and Cardiomyopathy	<i>Concluding the first day with insights into the application of cardiac MRI in heart failure and various cardiomyopathies.</i>



Day 2

Session Title

Session Description

8.30am	Congenital heart disease	<i>Commencing the second day with a focus on the role of cardiac MRI in evaluating congenital heart diseases.</i>
9am	Masses and tumours	<i>Exploring the applications of cardiac MRI in the detection and characterization of cardiac masses and tumors.</i>
10.15am	CMR in (Australian) practice	<i>An informative session discussing the practical aspects and implementation of cardiac MRI in the Australian healthcare context.</i>
10.45am	Sponsor Presentation (Four)	
10.55am	Morning Tea	
11.15am	Live Scanning and Workstation Rotations	
12.30pm	Live Scanning and Workstation Rotations	
13.15pm	Lunch Break	
14.30pm	Live Scanning and Workstation Rotations	
15.45pm	Live Scanning and Workstation Rotations	
17.05pm	Meeting Close	