

SCMR ADVANCED CMR COURSE HONG KONG • 2-5 APRIL, 2025



AGENDA

WEDNESDAY • 2 APRIL	
8:30 am - 8:50 am	Registration
8:50 am - 9:00 am	Welcome and Introduction to SCMR Advanced Workshop <i>Ming-Yen Ng and Vanessa Ferreira</i>
9:00 am - 9:20 am	Hands-On: CMR Post-Processing Tools <i>Neosoft</i>
9:20 am - 9:40 am	Hands-On: CMR Post-Processing Tools <i>Circle CVI</i>
9:40 am - 10:00 am	CMR as an Imaging Gold Standard for Assessment of Cardiac Structure and Function <i>Jonan Lee</i>
10:00 am - 11:10 am	Hands-On: LV and RV Contouring <i>Jonan Lee</i>
11:10 am - 11:25 am	Tea Break
11:25 am - 11:35 am	Late Gadolinium Enhancement (LGE) for Myocardial Tissue Characterization <i>Vanessa Ferreira</i>
11:35 am - 11:50 am	CMR Parametric Mapping (T1/T2/ECV) <i>Stefan Piechnik</i>
11:50 am - 12:15 pm	Hands-On: T1/ T2/ ECV Analysis <i>Vanessa Ferreira</i>
12:15 pm - 12:30 pm	CMR for Myocarditis <i>Vanessa Ferreira</i>
12:30 pm - 12:45 pm	CMR for Pericardial Diseases <i>Shing Ching</i>
12:45 pm - 1:25 pm	Lunch
1:25 pm - 1:55 pm	Hands-On: Myocarditis/Pericardial Disease <i>Vanessa Ferreira and Shing Ching</i>
1:55 pm - 2:10 pm	CMR for Hypertrophic Cardiomyopathy <i>Ming-Yen Ng</i>
2:10 pm - 2:25 pm	RCM and Amyloid, Iron Overload <i>Stephen Cheung</i>
2:25 pm - 2:40 pm	CMR for DCM and ACM <i>Carmen Chan</i>
2:40 pm - 4:15 pm	Hands-On: Cardiomyopathy and Iron Overload Cases <i>Carmen Chan, Stephen Cheung and Ming-Yen Ng</i>
4:15 pm - 4:25 pm	Tea Break
4:25 pm - 4:40 pm	CMR for Athlete's Heart/ Hypertension/ LVH <i>Shing Ching</i>
4:40 pm - 4:55 pm	Hands-On: Athlete's Heart and Hypertensive Cardiomyopathy <i>Chiara Bucciarelli-Ducci and Shing Ching</i>
4:55 pm - 5:00 pm	Closing Remarks <i>Ming-Yen Ng</i>
5:00 pm - 5:15 pm	Attendees & Faculty gather for coaches at front entrance of 21 Sassoon Road to travel to Club Lusitano for Speed Mentoring Reception
5:15 pm	Coaches leave promptly for Club Lusitano
6:00 pm - 7:30 pm	Speed Mentoring – Dress Code: Smart Casual <i>Meet with the Faculty Experts, Social Drinks and Tapas</i> • Club Lusitano (27th Floor, 16 Ice House Street, Central, HK)

William M,W. Mong Block, Faculty of Medicine Building, 21 Sassoon Road, Hong Kong SAR, China

SCMR ADVANCED CMR COURSE HONG KONG • 2-5 APRIL, 2025



AGENDA

THURSDAY • 3 APRIL

8:30 am - 8:40 am	Sign-in
8:40 am - 8:50 am	Opening Remarks <i>Ming-Yen Ng and Vanessa Ferreira</i>
8:50 am - 9:05 am	CMR for Myocardial Infarction with Non-obstructed Coronary Arteries (MINOCA) <i>Chiara Bucciarelli-Ducci</i>
9:05 am - 10:00 am	Hands-On: MINOCA <i>Chiara Bucciarelli-Ducci; Moderator: Ming-Yen Ng</i>
10:00 am - 10:15 am	CMR for Systemic Diseases <i>Carmen Chan</i>
10:15 am - 10:55 am	Hands-On: Systemic Disease <i>Vanessa Ferreira and Carmen Chan</i>
10:55 am - 11:15 am	Tea Break
11:15 am - 11:30 am	CMR for Assessment of Cardiac Masses <i>Priya Chudgar</i>
11:30 am - 12:30 pm	Hands-On: Cardiac Masses <i>Priya Chudgar</i>
12:30 pm - 12:45 pm	CMR Phase Contrast/ Flow <i>Carol Ng</i>
12:45 pm - 1:25 pm	Siemens Healthineers Lunch Symposium <i>Ling Kuo</i>
1:25 pm - 1:40 pm	CMR for Valvular Heart Disease <i>Andrew Li</i>
1:40 pm - 2:40 pm	Hands-On: Valvular Heart Disease <i>Andrew Li and Priya Chudgar</i>
2:40 pm - 2:55 pm	CMR for Aortic Diseases <i>Victor Chan</i>
2:55 pm - 3:30 pm	Hands-On: Aortopathy <i>Victor Chan; Moderator: Tarinee Tangcharoen</i>
3:30 pm - 3:50 pm	Tea Break
3:50 pm - 4:05 pm	Advanced CMR Techniques: 4D Flow (Adult) <i>Tarinee Tangcharoen</i>
4:05 pm - 4:15 pm	Advanced CMR Techniques: 4D Flow (Paediatric) <i>Carol Ng</i>
4:15 pm - 5:25 pm	Hands-On: 4D Flow Cases <i>Tarinee Tangcharoen and Carol Ng</i>
5:25 pm - 5:40 pm	CMR Safety, Devices and Contrast Agents <i>Lawrence Kai-Chiu Yip</i>
5:40 pm - 5:55 pm	How to Obtain Good CMR Images in Arrhythmia and Difficult Patients (including devices) <i>Lawrence Kai-Chiu Yip</i>
5:65 pm - 6:45 pm	Hands-On: Patients with Devices <i>Vanessa Ferreira and Lawrence Kai-Chiu Yip</i>
6:45 pm - 6:50 pm	Closing Remarks <i>Ming-Yen Ng and Vanessa Ferreira</i>



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SCMR ADVANCED CMR COURSE HONG KONG • 2-5 APRIL, 2025



AGENDA

FRIDAY • 4 APRIL

8:20 am - 8:30 am	Sign-in
8:30 am - 8:35 am	Opening Remarks <i>Ming-Yen Ng and Vanessa Ferreira</i>
8:35 am - 8:55 am	CMR for Common Congenital Heart Disease <i>Tarinee Tangcharoen</i>
8:55 am - 10:00 am	Hands-On: Common Congenital Heart Disease <i>Tarinee Tangcharoen; Moderator: Ming-Yen Ng</i>
10:00 am - 10:20 am	CMR for Complex Congenital Heart Disease <i>Tarinee Tangcharoen</i>
10:20 am - 10:40 am	Tea Break
10:40 am - 11:50 am	Hands-On: Complex Congenital Heart Disease <i>Tarinee Tangcharoen and Carol Ng</i>
10:50 am - 12:05 pm	CMR for Coronary Arteries <i>Ming-Yen Ng</i>
12:05 pm - 12:15 pm	Hands-On: Coronary Arteries <i>Ming-Yen Ng</i>
12:15 pm - 12:50 pm	Imaging Artefacts <i>Raymond Kwong</i>
12:50 pm - 1:35 pm	Lunch
1:35 pm - 1:55 pm	CMR for Assessment of Ischemic Heart Disease: Stress Perfusion and Viability <i>Raymond Kwong</i>
1:55 pm - 3:05 pm	Hands-On: Stress CMR with LGE <i>Raymond Kwong; Moderator: Ming-Yen Ng</i>
3:05 pm - 3:20 pm	Advanced CMR Techniques: Quantitative Stress Perfusion <i>Raymond Kwong</i>
3:20 pm - 3:50 pm	Hands-On: Quantitative Stress Perfusion <i>Raymond Kwong; Moderator: Ming-Yen Ng</i>
3:50 pm - 4:10 pm	Tea Break
4:10 pm - 4:25 pm	Advanced CMR Techniques: Strain/ Feature Tracking <i>Ming-Yen Ng</i>
4:25 pm - 5:05 pm	Hands-On: Feature Tracking, Strain Cases <i>Ming-Yen Ng</i>
5:05 pm - 5:20 pm	CMR in Cardio-Oncology <i>Chiara Bucciarelli-Ducci</i>
5:20 pm - 5:50 pm	Hands-On: Cardio-Oncology Cases <i>Chiara Bucciarelli-Ducci</i>
5:50 pm - 6:05 pm	CMR for Extracardiac Findings <i>Pan Pan Ng</i>
6:05 pm - 6:25 pm	Hands-On: Extracardiac Findings <i>Pan Pan Ng</i>
6:25 pm - 6:30 pm	Closing Remarks <i>Ming-Yen Ng and Vanessa Ferreira</i>



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SCMR ADVANCED CMR COURSE | HONG KONG • 2-5 APRIL, 2025

SATURDAY • 5 APRIL

8:30 am - 8:40 am Sign-in

Time	Scanning Session	Presenter	Time	Presenter		
GROUP A 5 Sassoon Road, LG-3 MRI Unit			GROUP C & GROUP D Seminar Room 1 (SR1), Ground Floor, Laboratory Block, Faculty of Medicine Building, 21 Sassoon Road (beside the Board Room)			GROUP B 1/F Board Room, Daniel & Mayce Yu Administration Wing, Faculty of Medicine Building, 21 Sassoon Rd
8:40 am - 10:40 am	Scanning on GE Scanner*	Technologist, GE Specialist Shing Ching Ming-Yen Ng	8:40 am - 9:40 am	How to Set Up a CMR Service	Chiara Bucciarelli-Ducci	How to Set Up Parametric Mapping at Your Institution Vanessa Ferreira Stefan Piechnik
			9:40 am - 10:10 am	How to Lead a Multi-disciplinary CMR Team	Panelists: Stephen Cheung Carmen Chan Lawrence Yip Moderators: Raymond Kwong Chiara Bucciarelli-Ducci Priya Chudgar	How to Set Up 4D Flow at Your Institution Tarinee Tangcharoen Carol Ng
			10:10 am - 10:40 am	Appropriateness Criteria for CMR versus Other Modalities	Raymond Kwong	
10:40 am - 11:00 am TEA BREAK						
GROUP B 5 Sassoon Road, LG-3 MRI Unit			GROUP C & GROUP D Seminar Room 1 (SR1), Ground Floor, Laboratory Block, Faculty of Medicine Building, 21 Sassoon Road (beside the Board Room)			GROUP A 1/F Board Room, Daniel & Mayce Yu Administration Wing, Faculty of Medicine Building, 21 Sassoon Rd
11:00 am - 1:00 pm	Scanning on GE Scanner*	Technologist, GE Specialist Shing Ching Ming-Yen Ng	11:00 am - 11:30 am	How to Embark on Successful Research Projects	Raymond Kwong	How to Set Up Parametric Mapping at Your Institution Vanessa Ferreira Stefan Piechnik
			11:30 am - 12:00 pm	How to Utilise SCMR's Education Resources	Chiara Bucciarelli-Ducci	How to Set Up 4D Flow at Your Institution Tarinee Tangcharoen Carol Ng
			12:00 pm - 12:30 pm	Selecting a Scanner	Raymond Kwong	
			12:30 pm - 1:00 pm	Q&A for the Experts	Chiara Bucciarelli-Ducci Stephen Cheung Carmen Chan Lawrence Yip Raymond Kwong	

* Scanning will be performed by the radiographer/ technologist along with the GE applications specialist, and attended by course faculty. Delegates will be present to observe and ask questions over the 2 hours to learn tips and tricks on how to perform CMR scanning.

SCMR ADVANCED CMR COURSE | HONG KONG • 2-5 APRIL, 2025

SATURDAY • 5 APRIL (CONTINUED)

1:00 pm - 2:00 pm						LUNCH					
Time		Scanning Session		Presenter		Time		Presenter			
GROUP C 5 Sassoon Road, LG-3 MRI Unit				GROUP A & GROUP B Seminar Room 1 (SR1), Ground Floor, Laboratory Block, Faculty of Medicine Building, 21 Sassoon Road (beside the Board Room)				GROUP D 1/F Board Room, Daniel & Mayce Yu Administration Wing, Faculty of Medicine Building, 21 Sassoon Rd			
2:00 pm - 4:00 pm		Scanning on GE Scanner*		Technologist, GE Specialist Shing Ching Ming-Yen Ng		2:00 pm - 3:00 pm		How to Set Up a CMR Service		Chiara Bucciarelli-Ducci	
						3:00 pm - 3:30 pm		How to Lead a Multi-disciplinary CMR Team		Panelists: Stephen Cheung Carmen Chan Lawrence Yip Moderators: Raymond Kwong Chiara Bucciarelli-Ducci Priya Chudgar	
						3:30 pm - 4:00 pm		Appropriateness Criteria for CMR versus Other Modalities		Raymond Kwong	
4:00 pm - 4:20 pm						TEA BREAK					
GROUP D 5 Sassoon Road, LG-3 MRI Unit				GROUP A & GROUP B Seminar Room 1 (SR1), Ground Floor, Laboratory Block, Faculty of Medicine Building, 21 Sassoon Road (beside the Board Room)				GROUP C 1/F Board Room, Daniel & Mayce Yu Administration Wing, Faculty of Medicine Building, 21 Sassoon Rd			
4:20 pm - 6:20 pm		Scanning on GE Scanner*		Technologist, GE Specialist Shing Ching Ming-Yen Ng		4:20 pm - 4:50 pm		How to Embark on Successful Research Projects		Raymond Kwong	
						4:50 pm - 5:20 pm		How to Utilise SCMR's Education Resources		Chiara Bucciarelli-Ducci	
						5:20 pm - 5:50 pm		Selecting a Scanner		Raymond Kwong	
						5:50 pm - 6:20 pm		Q&A for the Experts		Chiara Bucciarelli-Ducci Stephen Cheung Carmen Chan Lawrence Yip Raymond Kwong	
6:20 pm - 6:30 pm						RECONVENE: CLOSING REMARKS & FAREWELL Ming-Yen Ng and Vanessa Ferreira					

* Scanning will be performed by the radiographer/ technologist along with the GE applications specialist, and attended by course faculty. Delegates will be present to observe and ask questions over the 2 hours to learn tips and tricks on how to perform CMR scanning.

FACULTY LISTING

Dr Chiara Bucciarelli-Ducci

*SCMR Chief Executive Officer
Consultant Cardiologist
The Royal Brompton Hospital, UK*

Dr Carmen Chan

*Consultant Cardiologist
Queen Mary Hospital
Hong Kong SAR, China*

Dr Victor Chan

*Consultant Radiologist
Union Hospital
Hong Kong SAR, China*

Dr Stephen Cheung

*Chief of Service and Consultant
Radiologist, Queen Mary Hospital
Hong Kong SAR, China*

Dr. Shing Ching

*Associate Consultant in Cardiology
United Christian Hospital
Hong Kong SAR, China*

Dr. Priya Chudgar

*Consultant Radiologist
Jupiter Hospital
Thane, India*

Professor Vanessa Ferreira

*SCMR Vice President
Professor of Cardiovascular Medicine
University of Oxford, UK*

Professor Raymond Kwong

*Professor of Medicine
Director of Cardiac Magnetic
Resonance Imaging
Brigham and Women's Hospital
Harvard Medical School, USA*

Dr Jonan Lee

*Consultant Radiologist,
Queen Elizabeth Hospital
Hong Kong SAR, China*

Dr Andrew Li

*Honorary Clinical Associate Professor
Department of Medicine and
Therapeutics, Faculty of Medicine
Chinese University of Hong Kong
and Specialist in Cardiology
Hong Kong SAR, China*

Dr Carol Ng

*Associate Consultant Radiologist
Hong Kong Children's Hospital
Hong Kong SAR, China*

Dr Ming-Yen Ng

*Immediate Past Chair of the
SCMR Education Committee
Member of the SCMR Board of
Trustees 2025-2028
Clinical Associate Professor
Department of Diagnostic Radiology
The University of Hong Kong
Hong Kong SAR, China*

Dr Pan Pan Ng

*Associate Consultant Cardiologist
Queen Elizabeth Hospital
Hong Kong SAR, China*

Professor Stefan Piechnik

*Chair of the SCMR Parametric
Mapping Special Interest Group (SIG)
Professor of Biomedical Imaging
University of Oxford, UK*

Dr Tarinee Tangcharoen

*Associate Professor
Division of Cardiology
Ramathibodi Hospital of
Mahidol University
Bangkok, Thailand*

Lawrence Kai-Chiu Yip

*Senior Radiographer
Department of Radiology
Queen Mary Hospital
Hong Kong SAR, China*

FACULTY BIOS



Dr Chiara Bucciarelli-Ducci

SCMR Chief Executive Officer, Consultant Cardiologist, The Royal Brompton Hospital, UK

Dr Bucciarelli-Ducci is a consultant cardiologist and imaging specialist at the Royal Brompton and Harefield Hospitals, Guys' and St Thomas NHS Trust in London, United Kingdom. She is also an honorary Reader (equivalent to Associate Professor) at the School of Biomedical Engineer and Imaging Sciences at King's College London. In 2022 she was awarded the prestigious Imperial College Alumni Emerging Leaders award. From 2010 to 20221 she was a Senior Lecturer in Cardiology at the University of Bristol and honorary cardiologist at the Bristol Heart Institute, University Hospitals Bristol NHS Trust, Bristol, United Kingdom. She was also the co-Director of the Clinical Research and Imaging Centre (CRIC) Bristol, University of Bristol. She was awarded a PhD in Cardiac Magnetic Resonance at the National Heart and Lung Institute, Imperial College London in 2012. In May 2019 she was also appointed Chief Executive Officer of the Society for Cardiovascular Magnetic Resonance (SCMR) with headquarters in the United States. She is the past European Association of Cardiovascular Imaging (EACVI) Vice-President and chair of the cardiac MRI section (2016-2018), within the European Society of Cardiology (ESC). She was part of the writing committee for the 2017 ESC guidelines on STEMI and the 2018 ESC/AHA/ACC/WHF 4th definition of myocardial infarction. She has been a consultant for the International Atomic Energy Agency (IAEA) (for medical imaging) of the United Nations and a consultant for the European Medicines Agency (EMA) (for MRI contrast agents) of the European Union. Since 2020, she is the Deputy Editor (Imaging) of the European Heart Journal. She has over 243 peer-reviewed publications (pubmed) mainly in CMR in NEJM, JAMA, JACC, JACC Imaging, Circulation, Circulation Imaging, European Heart Journal, European Heart Journal Cardiovascular Imaging. She is in the editorial board of Circulation Imaging, JACC imaging and European Heart Journal Cardiovascular Imaging.



Dr Carmen Chan

Consultant Cardiologist, Queen Mary Hospital, Hong Kong SAR, China

Dr. Carmen Chan was graduated from the University of Hong Kong. She is currently being the Consultant Cardiologist and the Clinical Honorary Associate Professor at Department of Medicine, Queen Mary Hospital, University of Hong Kong. She is sub-specialized in advanced non-invasive cardiac imaging and has undergone one year fellowship training at Brigham and Women's Hospital, Harvard Medical School. Apart from providing clinical service, she is also interested and actively involved in clinical researches, guideline and reviewer in several peer group review journals and author of book chapters. She is also the honorary treasurer of the Hong Kong College of Cardiology and the convener of CMR chapter and Women's Heart Health Campaign. She also has participated in hospital management and is currently the Deputising Service Director, (Quality and Standard), Department of Quality and Safety, HKWC.



Dr Victor Chan

Consultant Radiologist, Union Hospital, Hong Kong SAR, China

Dr. Victor Chan is a Clinical Radiologist who completed specialist training in Queen Mary Hospital, Hong Kong. He subsequently pursued a formal clinical fellowship in Cardiothoracic Imaging at Toronto General Hospital with Peter Munk Cardiac Centre, a quaternary cardiac referral center specializing in heart-lung transplants and adult congenital heart disease. In Canada, Dr. Chan was deeply involved in both clinical and research work. Besides being accredited with both SCCT and SCMR level III certification, he was also awarded the American Heart Association Young Investigator Award in 2021 for his research in Fabry cardiomyopathy. Dr. Chan has published multiple peer-reviewed articles and co-authored "Myocardial Injury Pattern at MRI in COVID-19 Vaccine-Associated Myocarditis", which was the top cited paper in Radiology in 2022. He remains passionate in academia and is the peer reviewer of several local and international radiology journals. Dr. Chan is an active cardiothoracic imager and is currently staff at Union Hospital and Honorary Clinical Assistant Professor at the University of Hong Kong.



Dr Stephen Cheung

Chief of Service in Radiology at Queen Mary Hospital of Hong Kong and Honorary Clinical Associate Professor at Faculty of Medicine, University of Hong Kong Hong Kong SAR, China

Dr. Cheung is also the current President of Asian Society of Cardiovascular Imaging. His clinical interests include cardiac CT and MR.



Dr Shing Ching

Associate Consultant in Cardiology, United Christian Hospital, Hong Kong SAR, China

Dr. Shing Ching specialises in cardiovascular imaging and cardiac devices. He received training in CMR in German Heart Center Berlin, and is certified cardiac device specialist by the International Board of Heart Rhythm Examiners. He has published more than 30 articles in peer-reviewed journals including JAMA Cardiology and JAMA Internal Medicine. His research interest is parametric mapping and 3D echocardiography.



Dr Priya Chudgar

Consultant Radiologist, Jupiter Hospital, Mumbai, General Secretary, IACI

Dr. Priya Chudgar is a Consultant Cardiac Radiologist practicing at Jupiter Hospital, Mumbai. She holds SCMR and SCCT level III accreditation to her credit, along with CBCMR certification. She is the general secretary of the Indian Association of Cardiac Imaging.



Professor Vanessa Ferreira

SCMR Vice President, Professor of Cardiovascular Medicine University of Oxford, UK

Professor Vanessa Ferreira, MD DPhil FRCPC FSCMR, is Professor of Cardiovascular Medicine at the University of Oxford. She is a cardiologist, and Deputy Clinical Director of the Oxford Centre for Clinical Magnetic Resonance Research (OCMR). She obtained her Bachelor of Science at the Massachusetts Institute of Technology (Cambridge, MA, USA), and Doctor of Medicine at the University of British Columbia (Vancouver, BC, Canada). She subsequently obtained a Doctor of Philosophy in Cardiovascular Medicine at the University of Oxford. She is the current SCMR Vice President. Professor Ferreira served as a SCMR board member (2016-2019 and 2023-present), and is on multiple committees within the SCMR and other international professional societies. She is Visiting Professor at the University of Hong Kong (2023-2027).

Professor Ferreira has expertise in quantitative CMR techniques, particularly parametric-mapping, and their clinical applications in the investigation of ischaemic and non-ischaemic cardiovascular diseases.



Professor Raymond Kwong

Professor of Medicine, Director of Cardiac Magnetic, Resonance Imaging, Brigham and Women's Hospital, Harvard Medical School, USA

Dr. Raymond Kwong is the Director of Cardiac Magnetic Resonance (CMR) Imaging at Brigham and Women's Hospital (BWH) and Professor of Medicine at Harvard Medical School. Dr. Kwong completed his medical training at the University of Toronto, Canada, in 1992, then a residency in Internal Medicine at the University of British Columbia, and a fellowship in cardiovascular diseases at George Washington University Medical Center in Washington, DC. He then pursued a 2-year fellowship in clinical CMR imaging at the Laboratory of Cardiac Energetics at the National Institutes of Health in Bethesda, Maryland.

In 2001, Dr. Kwong joined the Cardiovascular Division of BWH faculty focusing on clinical applications of CMR for patient care. Dr. Kwong's research focuses on noninvasive myocardial tissue characterization and its clinical impact, spanning ischemic and non-ischemic cardiomyopathies. He has participated in committee positions within the American College of Cardiology, the American Heart Association, and the Society for Cardiovascular Magnetic Resonance (SCMR) and as a permanent study member of NIH study sections. Dr. Kwong has served on the Editorial Boards of Circulation, Circulation Cardiovascular Imaging, Journal of the American College of Cardiology (JACC), JACC Imaging, and the Journal for Cardiovascular Magnetic Resonance (JCMR). Dr. Kwong has authored more than 270 original peer-reviewed papers, review articles, or book chapters, most of which focused on the technical advancement or clinical applications of cardiac magnetic resonance imaging. Dr. Kwong's current research focused on CMR's clinical utility and prognostic implication to patients with coronary artery disease and various cardiomyopathies. Under his supervision, the CMR laboratory is the imaging core laboratory for several NIH and industry-funded international clinical trials of novel cardiac therapies.



Dr Jonan Lee

Consultant Radiologist, Queen Elizabeth Hospital, Hong Kong SAR, China

Dr. Lee currently serves as a consultant radiologist at the Department of Radiology & Imaging at Queen Elizabeth Hospital (QEH). He received subspecialized training in cardiovascular imaging under the supervision of Professor Joseph Selvanayagam, at Flinders Medical Centre, Adelaide. While in Adelaide, he actively contributed to core lab scientific research in cardiac imaging, specifically focusing on cardiomyopathy and scar quantification. He currently leads the cardiovascular imaging team at QEH and is endorsed by the Hong Kong College of Radiology as a subspecialty trainer in cardiovascular imaging. He reports cardiac CTs and MRs on a daily basis and is passionate about exploring new cardiac imaging techniques for better patient outcome.



Dr Andrew Li

Honorary Clinical Associate Professor Department of Medicine and Therapeutics, Faculty of Medicine Chinese University of Hong Kong & Specialist in Cardiology

He is a fellow of the Society of Cardiovascular Magnetic Resonance (FSCMR), and has been appointed the Executive Committee member of the Asian society of cardiovascular imaging (ASCI) since 2022. He holds Cardiovascular Board Certification of Cardiac CT (CBCCT).

Dr Li is an Honorary Clinical Associate Professor at the Chinese University of Hong Kong, principal investigator of Fabry & cardiomyopathy research, and a cardiologist in private practice.

He completed his cardiovascular imaging fellowship in cardiac MRI, CT and Echo at the Royal Adelaide Hospital in Australia in 2011.



Dr Carol Ng

Associate Consultant Radiologist Hong Kong Children's Hospital, Hong Kong SAR, China

Dr. Carol Ng is a dedicated congenital cardiac imager and the clinical lead in cardiac imaging at the Hong Kong Children's Hospital. Having received her fellowship training at the Great Ormond Street Hospital London, she is EACVI Level III certified in congenital CMR (European Association of Cardiovascular Imaging). She has co-authored several paediatric cardiology academic papers, and published in high-impact journals such as Circulation. She has also been invited to speak at large-scale international conferences such as the Society of Cardiovascular MRI (SCMR) 2024 Annual Scientific meeting.

Dr. Ng is trained in both paediatrics and radiology, having a membership with the Royal College of Paediatricians and a fellowship with the Royal College of Radiologists. She also holds the European Diploma in Paediatric Radiology.

It is the vision of Dr. Ng to use high-quality cross-sectional congenital to help patients' hearts beat longer and better, she hopes to share her expertise and knowledge with fellow doctors so more can care for the imaging needs of this group of patients.



Dr Ming-Yen Ng

Immediate Past Chair of the SCMR Education Committee, Member of the SCMR Board of Trustees 2025-2028, Clinical Associate Professor Department of Diagnostic Radiology The University of Hong Kong, Hong Kong SAR, China

Dr. Ng is a Clinical Associate Professor at the Department of Diagnostic Radiology, The University of Hong Kong; and HKU Cardiac Imaging Massive Open Online Course Director.

Dr Ng undertook a 1 year cardiac imaging fellowship at Toronto General Hospital before coming to Hong Kong. He is a fellow of the American College of Cardiology, Society of Cardiovascular Magnetic Resonance (SCMR), and Society of Cardiovascular Computed Tomography (SCCT).

He sits on various committees for the SCMR, SCCT and RSNA and is an Associate Editor of the Journal of Cardiovascular Magnetic Resonance and Journal of Cardiovascular Computed Tomography.

He was awarded the HKU Teaching Innovation Award, Gold Award for Life Sciences by the QS Reimagine Education Award and EdX Finalist 2021 and 2023.

He is actively involved in research with interests in quantitative stress CMR, diabetes, heart failure with preserved ejection fraction and COVID-19. He has >70 peer-reviewed publications in JACC, JACC Cardiovascular Imaging, Circulation Cardiovascular Imaging, European Heart Journal Cardiovascular Imaging and Radiology.



Dr Pan Pan Ng

Associate Consultant Cardiologist, Queen Elizabeth Hospital, Hong Kong SAR, China

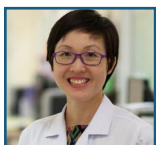
Dr. Ng currently works as an associate consultant at the Department of Diagnostic and Interventional Radiology of Queen Elizabeth Hospital in Hong Kong. She received subspecialized cardiovascular imaging training in Queen Mary Hospital and Queen Elizabeth Hospital. She is a core member of cardiovascular imaging team at QEH and a co-trainer. She has special interests in cardiomyopathy and structural heart disease.



Professor Stefan Piechnik

Chair of the SCMR Parametric Mapping Special Interest Group (SIG), Professor of Biomedical Imaging University of Oxford, UK

I am a senior scientist in biomedical engineering, with H-factor=72 accrued over 30 years of experience in interdisciplinary biomedical research, ranging from mathematical and biophysical modelling, measurement systems and methods design, direct clinical measurements, advanced imaging (PET, SPECT, and MRI), to clinical and self-assessment approaches. Applications of my methods span a wide range of clinical specialties (Neurosciences, Dermatology, Cardiovascular and Internal Medicine). My most persistent recent focus is on the clinical application of quantitative cardiac MRI (CMR) parametric tissue characterisation techniques, in particular T1-mapping, image processing, quantitation and applied artificial intelligence approaches. My most significant contributions to the field of CMR technical development in the past 15 years centre around two major technical innovations (both patented, among other inventions): (i) the design of a novel T1-mapping method for clinical use, which subsequently enabled the big data approaches towards the creation of (ii) "virtual" native contrast-enhanced (VNE) MR images but without the need for injectable contrast agents, through artificial intelligence and machine learning. Currently, I serve as the chair of SCMR Special Interest Group on parametric mapping.



Dr Tarinee Tangcharoen

Associate Professor, Division of Cardiology Ramathibodi Hospital of Mahidol University, Bangkok, Thailand

Dr. Tarinee Tangcharoen has the expertise in general cardiology, cardiac MRI and adult congenital heart disease. She has received her CMR fellowship training from Germany and the United Kingdom. Currently, Dr. Tangcharoen has served as a program director of CMR unit, division of cardiology, faculty of medicine, Ramathibodi hospital, Mahidol university, Thailand. She also serves as a director of Ramathibodi Adult Congenital Heart Excellent Center which has received patients from other hospitals in Thailand, mainly complex congenital heart disease and severe pulmonary hypertension or Eisenmenger's syndrome. Dr. Tangcharoen has had experience in teaching advanced cardiac imaging for cardiology fellows, both general cardiology and CMR fellowship training.



Mr Lawrence Kai-Chiu Yip

Senior Radiographer, Department of Radiology Queen Mary Hospital, Hong Kong SAR, China

Mr. Lawrence Yip has specialized in MRI since 1995 and acquired Master degree in Magnetic Resonance Technology from University of Queensland, Australia in 2003. Currently, he is Senior Radiographer supporting MRI service of Department of Radiology, Queen Mary Hospital, Hong Kong as well as Director of MRI Faculty and Council Member of Hong Kong College of Radiographers and Radiation Therapists. Mr. Yip has actively involved in undergraduate and postgraduate training of Radiographers in Hong Kong. He has conducted numerous presentations on various topics of MRI at local or overseas seminars and conferences. His main interest is in cardiovascular, body and neurological MRI applications.

