

# CARDIAC CT Course

## Programme Day 1 - Wednesday 11.05.2022

08:00-09:00	Registration and welcome		
09:00-09:30	Intro: CT in Cardiology (top 10 indications)		Berlot (SI)
09:30-10:00	Basic principles of CT image acquisition		Dweck (UK)
10:00-10:30	Premedication, contrast media administration, safety and adverse reactions		Poropat (SI)
10:30-11:00	CT acquisition protocols, image artefacts and how to avoid them		Pontone (IT)
	<b>COFFEE BREAK</b>		
11:30-12:00	Systematic cardiac CT reading (including extracardiac findings)		Maurovich-Horvat (HU)
12:00-12:30	Calcium score		Jug (SI)
12:30-13:00	Coronary atherosclerotic plaque assessment		Dweck (UK)
13:00-13:30	Novel CT applications for CAD assessment (perfusion, viability, FFR-CT)		Pontone (IT)
	<b>LUNCH BREAK</b>		
15:00-15:30	Cardiac CT in revascularized patients		Maurovich-Horvat (HU)
15:30-16:00	Acute aortic syndrome		Dolinšek (SI)
	<b>COFFEE BREAK</b>		
	<b>Lecture Room 1</b>	<b>Lecture Room 2</b>	
16:30- 18:30	Interactive cases: Coronary CTA vs ICA correlation	Hands-on session Image Analysis Coronary CTA	
	<b>DINNER</b>		

## Programme Day 2 - Thursday 12.05.2022

09:00-09:30	Cardiac CT in heart failure (morphology and functional assessment)		Maurovich-Horvat (HU)
09:30-10:00	Aorta, pulmonary vessels		Poropat (SI)
10:00-10:30	Congenital heart disease		Berden (SI)
10:30-11:00	Pericardium		Zbačnik (SI)
	<b>COFFEE BREAK</b>		
11:30-12:00	Valvular heart disease: native and prosthetic hearts valves		Dweck (UK)
12:00-12:30	TAVI and other CT guided interventions		Pontone (IT)
12:30-13:00	Endocarditis		Zbačnik (SI)
13:00-13:30	Multimodality cardiac imaging in 21st century		Podlesnikar (SI)
	<b>LUNCH BREAK</b>		
	<b>Lecture Room 1</b>	<b>Lecture Room 2</b>	
15:00- 17:00	Interactive cases Structural heart disease	Hands-on session TAVI	
17:00- 17:30	Quiz / Mini-test		

# CARDIAC MR Course

## Programme Day 3 - Friday 13.05.2022

08:00-09:00	Registration and welcome		
09:00-09:30	Introduction: CMR in Cardiology, CMR certification		Bucciarelli-Ducci (UK)
09:30-10:00	CMR Physics Made Easy		Nijveldt (NL)
10:00-10:30	CMR Pulse Sequences (cine, edema, perfusion, LGE, parametric imaging)		Podlesnikar (SI)
10:30-11:00	CMR Safety and Contraindications		Zugwitz (SI)
	<b>COFFEE BREAK</b>		
11:30-12:00	LV/RV Function		Lapinskas (LT)
12:00-12:30	Chronic Ischemic Heart Disease - Viability		Nijveldt (NL)
12:30-13:00	Stress CMR - theory and evidence		Bucciarelli-Ducci (UK)
13:00-13:30	Stress CMR in clinical practice		Berlot (SI)
	<b>LUNCH BREAK</b>		
15:00-15:30	Cardiomyopathies - dilated ventricle		Berlot (SI)
15:30-16:00	Cardiomyopathies - hypertrophied ventricle		Lapinskas (LT)
	<b>BREAK</b>		
	<b>Lecture Room 1</b>	<b>Lecture Room 2</b>	
16:30- 18:30	Interactive cases Ischemic and non-ischemic CMPs	Hands-on session Image analyses	
	<b>DINNER</b>		

## Programme Day 4 - Saturday 14.05.2022

09:00-09:40	CMR in acute chest pain		Bucciarelli-Ducci (UK)
09:40-10:20	Flow and Valvular Heart Disease		Podlesnikar (SI)
10:20-11:00	Overview of Congenital Heart Disease		Berden (SI)
	<b>COFFEE BREAK</b>		
11:30- 11:50	Image artefacts		TBD
11:50- 12:10	Pericardium		Marinšek / Kastelic (SI)
12:10-12:30	Cardiac Masses		Ponorac (SI)
12:50-13:10	Great vessels		Zbačnik (SI)
13:10-13:30	Extra-Cardiac Findings in CMR		Bucciarelli-Ducci (UK)
	<b>LUNCH BREAK</b>		
	<b>Lecture Room 1</b>	<b>Lecture Room 2</b>	
15:00- 17:00	Interactive cases: Valve/flow, pericardium/masses	Hands-on session Image analyses	
17:00- 17:30	Quiz / Mini-test		