

Talks during ESC 2023

An overview of all scientific sessions, e-posters and presentations that include
(one of) our software modalities



Talks during ESC 2023

An overview of all scientific sessions, e-posters and presentations that include (one of) our software modalities

Friday 25-08

Cardiac magnetic resonance hemodynamic force patterns in patients with ST-segment elevation myocardial infarction and dilated cardiomyopathy as compared to healthy controls: an observational study

Medis Suite MR

Presenter: Casper Willem Hijman Beijnk (Radboud University Medical Centre - Nijmegen, the Netherlands)
Session type: Moderated ePosters
Topic: Late Gadolinium Enhancement (Cardiac MRI for post-STEMI diagnosis and treatment)
Time: 17:15 - 18:00
Location: Station 1

Quantitative flow ratio for non-culprit lesions in ST elevation myocardial infarction and multi vessel disease - a direct comparison with fractional flow reserve

Medis QFR®

Presenter: Nedim Memisevic (University Hospital Jena - Jena, Germany)
Session: Intracoronary Imaging / functional testing in acute coronary syndroms (1)
Session type: Moderated ePosters
Topic: Angiography, invasive imaging
Time: 17:15 - 18:00
Location: Station 5

Talks during ESC 2023

An overview of all scientific sessions, e-posters and presentations that include (one of) our software modalities

Saturday 26-08

Evaluation and risk stratification of left main non-obstructive coronary artery disease using CCTA

Medis Suite CT

Presenter: Pruthvi Chenniganahosahalli Revaiah (National University of Ireland - Galway, Ireland)

Session type: Clinical Cases

Topic: Cross-Modality and Multi-Modality Imaging Topics (Multi-modality imaging)

Time: 12:45 - 13:35

Location: Clinical Case Corner

The prognostic value of left ventricular entropy derived from native T1 mapping in patients with hypertrophic cardiomyopathy

Medis Suite MR

Presenter: Jie Wang (West China Hospital, Sichuan University - Chengdu, China)

Session type: Advances in Science

Topic: Myocardial Disease (Risk stratification of sudden cardiac death in cardiomyopathies)

Time: 14:00 - 15:15

Location: Bratislava

Personalized risk stratification for non-ischemic dilated cardiomyopathy with left ventricular ejection fraction less than or equal to 35%: a long-term outcome study

Medis Suite MR

Presenter: Di Zhou (Fuwai Hospital, CAMS and PUMC - Beijing, China)

Session type: Advances in Science

Topic: Myocardial Disease (Risk stratification of sudden cardiac death in cardiomyopathies)

Time: 14:00 - 15:15

Location: Bratislava

Adenosine triphosphate stress myocardial strain in ischemic heart disease: an animal study with histological validation

Medis Suite MR

Presenter: Jing Xu (Fuwai Hospital Chinese Academy of Medical Sciences - Beijing, China)

Session type: Moderated ePosters

Topic: Stress Myocardial Perfusion Magnetic Resonance (Discovering the benefits or stress of CMR)

Time: 15:15 - 16:00

Location: Station 1

Talks during ESC 2023

An overview of all scientific sessions, e-posters and presentations that include (one of) our software modalities

Safety and incremental prognostic value of stress CMR in patients with known chronic kidney disease

Medis Suite MR

Presenter: Theo Pezel (Hospital Lariboisiere - Paris, France)
Session type: Moderated ePosters
Topic: Stress Myocardial Perfusion Magnetic Resonance (Discovering the benefits or stress of CMR)
Time: 15:15 - 16:00
Location: Station 1

Myocardial strain measurements derived from MR feature-tracking: influence of sex, age, field strength and vendors on reference values

Medis Suite MR

Presenter: Jing Xu (Fuwai Hospital Chinese Academy of Medical Sciences - Beijing, China)
Session type: Moderated ePosters
Topic: Deformation Imaging (Unveiling the hidden world of cardiac function: CMR strain imaging)
Time: 16:15 - 17:00
Location: Station 1

Incremental prognostic value of fully-automatic machine-learning based global circumferential strain during a stress CMR exam

Medis Suite MR

Presenter: Theo Pezel (Hospital Lariboisiere - Paris, France)
Session type: Moderated ePosters
Topic: Deformation Imaging (Unveiling the hidden world of cardiac function: CMR strain imaging)
Time: 16:15 - 17:00
Location: Station 1

Right ventricular global longitudinal strain on cardiovascular magnetic resonance imaging predicts outcome in patients undergoing transcatheter edge-to-edge mitral valve repair

Medis Suite MR

Presenter: Matthias Koschutnik (Medical University of Vienna - Vienna, Austria)
Session type: Moderated ePosters
Topic: Deformation Imaging (Unveiling the hidden world of cardiac function: CMR strain imaging)
Time: 16:15 - 17:00
Location: Station 1

Talks during ESC 2023

An overview of all scientific sessions, e-posters and presentations that include (one of) our software modalities

Comparison of two angiography-based FFR techniques in NSTEMI Patients: A Multicenter Study)

Medis QFR®

Presenter: Ioannis Skalidis (University Hospital Centre Vaudois (CHUV) - Lausanne, Switzerland)
Session: Intracoronary physiology in percutaneous coronary intervention
Topic: Intracoronary Flow and Pressure Measurements
Session type: Abstract Sessions
Time: 16:20
Location: Science Box 3

FIRE trial: Physiology-Guided Complete PCI in Older MI Patients

Medis QFR®

Presenter: Simone Biscaglia (University Hospital Santa Anna - Ferrara, Italy)
Session: HOT LINE 3
Topic: European Society of Cardiology
Session type: Hot Line
Time: 16:30 - 17:30
Location: Amsterdam

Intracoronary physiology: iFR, FFR, CFR, QFR – where to begin - case examples

Medis QFR®

Presenter: Colin Berry (University of Glasgow - Glasgow, United Kingdom of Great Britain & Northern Ireland)
Session: Intracoronary imaging physiology: all you need to know
Topic: Cardiovascular Surgery
Session type: Practical Seminar
Time: 16:50
Location: Luxembourg

Sunday 27-08

The integration of angio-IMR, QFR and FFR for the detection of ischemia

Medis QFR®

Presenter: : Ruurt Jukema (VU University Medical Centre - Amsterdam, the Netherlands)
Session: Coronary epicardial and microvascular physiology
Topic: Intracoronary Flow and Pressure Measurements
Session type: Moderated ePosters
Time: 11:15 - 12:00
Location: Station 4

Talks during ESC 2023

An overview of all scientific sessions, e-posters and presentations that include (one of) our software modalities

Prognostic implications of papillary muscle delayed hyperenhancement in dilated cardiomyopathy patients

Medis Suite MR

Presenter: Casper Willem Hijman Beijnik (Radboud University Medical Centre - Nijmegen, the Netherlands)

Session type: Moderated ePosters

Topic: Late Gadolinium Enhancement (Unveiling the secrets of the heart: exploring cardiomyopathies with cardiac MRI)

Time: 12:15 - 13:00

Location: Station 1

A comprehensive CMR analysis improves risk stratification in left ventricular noncompaction

Medis Suite MR

Presenter: Guillem Casas (University Hospital Vall d'Hebron - Barcelona, Spain)

Session type: Moderated ePosters

Topic: Late Gadolinium Enhancement (Unveiling the secrets of the heart: exploring cardiomyopathies with cardiac MRI)

Time: 12:15 - 13:00

Location: Station 1

Association of left atrial myopathy and sarcomere mutation in patients with hypertrophic cardiomyopathy: insights into left atrial strain by MRI feature tracking

Medis Suite MR

Presenter: Wang Jiaxin (State Key Laboratory of Cardiovascular Disease, Fuwai Hospital, National Center for Cardiovascular D - Beijing, China)

Session type: Moderated ePosters

Topic: Late Gadolinium Enhancement (Unveiling the secrets of the heart: exploring cardiomyopathies with cardiac MRI)

Time: 12:15 - 13:00

Location: Station 1

Comparison of plaque characteristics among different age groups in patients with acute coronary syndromes with or without diabetes

Medis Suite CT

Presenter: Keishi Suzuki (Massachusetts General Hospital - Boston, United States of America)

Session type: Abstract Sessions

Topic: Imaging of Coronary Artery Disease (Coronary plaque characterisation: from proteomics to artificial intelligence)

Time: 14:00

Location: Science Box 1

Talks during ESC 2023

An overview of all scientific sessions, e-posters and presentations that include (one of) our software modalities

Monday 28-08

Association of echocardiography-derived hemodynamic force parameters with left ventricular reverse remodeling after cardiac resynchronization in non-ischemic cardiomyopathy

Medis Suite Ultrasound RE

Presenter: Dorien Laenens (Dept. of Cardiology, Leiden University Medical Center - Leiden, The Netherlands)
Session: Pathophysiology of heart failure: focus on haemodynamic
Session type: Moderated ePosters
Topic: Haemodynamics of Heart Failure
Time: 10:15 - 11:00
Location: Station 3

Fully automated assessment of global longitudinal strain by machine learning predicts death in patients undergoing stress CMR

Medis Suite MR

Presenter: Elena Sofia Canuti (Hospital Lariboisiere - Paris, France)
Session type: Abstract Sessions
Topic: Myocardial Disease (The power of cardiac MRI in prognostication)
Time: 10:25
Location: Science Box 1

Association between quantitative flow ratio and non-target-vessel-related events before planned staged percutaneous coronary intervention in patients with acute coronary syndrome

Medis QFR®

Presenter: Raminta Kavaliauskaite (University Hospital - Bern, Switzerland)
Session: Invasive diagnostic tools in coronary artery disease
Session type: Moderated ePosters
Topic: Diagnostic Methods
Time: 11:15 - 12:00
Location: Station 5

Talks during ESC 2023

An overview of all scientific sessions, e-posters and presentations that include (one of) our software modalities

Functional Syntax score based on quantitative flow ratio vs. anatomical Syntax score

Medis QFR®

Presenter: Dimitrios Terentes-Printzios (National & Kapodistrian University of Athens - Athens, Greece)
Session: Invasive imaging assisting revascularisation in chronic coronary syndrome
Session type: Moderated ePosters
Topic: Angiography, Invasive Imaging
Time: 12:15 - 13:00
Location: Station 5

Prognostic relevance of quantitative flow ratio in patients with aortic stenosis undergoing transcatheter aortic valve replacement

Medis QFR®

Presenter: Luca Paolucci (Clinica Mediterranea - Roma, Italy)
Session: Invasive imaging assisting revascularisation in chronic coronary syndrome
Session type: Moderated ePosters
Topic: Angiography, Invasive Imaging
Time: 12:15 - 13:00
Location: Station 5

Effect of alirocumab on quantitative flow ratio and diameter stenosis in non-infarct related arteries from patients with acute myocardial infarction: a PACMAN-AMI randomized clinical trial substudy

Medis QFR®

Presenter: Sarah Baer (Turku University Hospital - Turku, Finland)
Session: Invasive imaging assisting revascularisation in chronic coronary syndrome
Session type: Moderated ePosters
Topic: Angiography, Invasive Imaging
Time: 12:15 - 13:00
Location: Station 5

