



Irish
Cardiac
Society

ANNUAL
SCIENTIFIC
MEETING

16-18 October
2025

Great Southern
Hotel Killarney

Approved for
12 CPD points

PROGRAMME

Registration via irishcardiacsociety.ie

Thursday, 16 October

09.00–15.00 Meeting of the Irish Cardiovascular Nurses Association (INCA)

13.00–17.00 CT/MRI Hands on Teaching for SpRs

19.00–21.00 Electrophysiology Subgroup Meeting

CHAIRS: Prof David Keane, Dr Katie Walsh

Case Competition (supported by The Cormac Trust)

What is new in device management for heart failure: Cardiac Contractility

Theofanie Mela, MD, Massachusetts General Hospital, Harvard Medical School, Boston, USA

19.00–21.00 Intervention Subgroup Meeting

CHAIRS: Prof Tom Kiernan, Prof Aaron Peace

David Foley Intervention Case Competition

Friday, 17 October

09.15–15.45 Meeting of Irish Institute of Clinical Measurement Physiology (Cardiac Physiologists)

Irish Cardiac Society Scientific Programme

08.15 Registration

08.55–09.00 Welcome Address: Prof Brendan McAdam, President, Irish Cardiac Society

09.00–09.40 Updates in the Management of HCM

Dr Carolyn Ho, Medical Director, Cardiovascular Genetics Centre, Brigham and Women's Hospital, Boston, USA

CHAIRS: Prof Gavin Blake, Prof Emer Joyce

09.40–10.20 ORAL ABSTRACT PRESENTATIONS 1

09.40–09.50 1. Evaluating Real-World Effectiveness of Mavacamten in Hypertrophic Cardiomyopathy Using Accessible Functional Testing

Matthew Todd, Alison Muir, Katie Linden, Damian McCall, Joanne McOsker, Tracy Jardine, Helen Connolly, Andrea Devlin, Patrick Savage
Belfast City Hospital, Belfast, Northern Ireland

09.50–10.00 2. Definition of clinical stability following management of heart failure deterioration is suboptimal and benefits from focused echo evaluation

Fiyinfoluwa Fabamwo, Giulia Bruno, Kenneth McDonald, Matthew Barrett, Ciara Mahon, Dermot McCaffery
St Vincent's University Hospital, Dublin, Ireland

- 10.00–10.10 3. Cardiac Left Atrial Evaluation and Response in HFrEF with Sacubitril/Valsartan: The CLEAR study**
 Zaran Butt¹, Muhammad Ahmad Ashfaq², Muneeb Quidwai², Othman AlSomeet², Arjun Pandey², Jonathan Shpigelman³, Muhammad Abdal¹, Robert Trueick¹, Ciara Blaine¹, Carol Ann Nugent¹, Lavanya Saiva¹, Patrick O’Boyle¹, James O’Neill^{2,1}, Michael Daly^{1,2}
¹ Connolly Hospital, Dublin, Ireland
² Royal College of Surgeons Ireland, Dublin, Ireland
³ Southern Illinois University School of Medicine, Southern Illinois, USA
- 10.10–10.20 4. Investigation of Biomarker Response to SGLT2 Inhibition in Heart Failure (SiN-HF study)**
 Patrick Savage¹, Katie Linden¹, Chris Watson¹, David Grieve², Lana Dixon¹
¹ Royal Victoria Hospital, Belfast, Northern Ireland
² Queens University Belfast, Northern Ireland

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10.20–11.00

Coffee Break & Moderated Poster Session 1

MODERATED POSTERS SESSION 1

MODERATOR: **Dr Angie Brown**

- 5. The Quiet Progressors: Structural Heart Changes Without Symptoms in Stage B Heart Failure**
 Ashe Moore, Matthew Barrett, Joe Gallagher, Mark Ledwidge, Ken McDonald
 St Vincent’s University Hospital, Dublin, Ireland
- 6. All BNP and No Bang? Natural History of the 80+ Preclinical HF Population**
 Ashe Moore, Matthew Barrett, Joe Gallagher, Mark Ledwidge, Ken McDonald
 St Vincent’s University Hospital, Dublin, Ireland
- 7. Evaluating the cost-effectiveness of an accelerated outpatient coronary CT angiography pathway in the emergency department: insights from an Irish tertiary centre**
 Ryan Karlsson, Michael Cronin, Niall Sheehy, Geraldine McMahon, Ross Murphy, Caroline Daly
 St James’s Hospital, Dublin, Ireland
- 8. Is LP(a) a predictor of coronary microvascular dysfunction? A retrospective analysis of the COMET-19 study**
 Myles McKittrick, Seoidin McKittrick, Thomas Kiernan, Ali Aldujeli
 University Hospital Limerick, Ireland
- 9. Evaluating the Relationship Between Patient Autonomy and Statin Adherence: Results from the PASTA Multicenter Randomized Clinical Trial**
 Ali Aldujeli^{1,2,3}, Ayman Haq⁴, Diana Zaliaduonyte³, Vacis Tatarunas³, Sandra Kmitaite³, Evenika Meksraityte³, Faysal Azani⁵, Sumit Rana⁶, Tom Kiernan⁷, Michael Miedema⁸
¹ University of Galway, Ireland
² Bon Secours Hospital Limerick, Ireland
³ Lithuanian University of Health Sciences, Kaunas, Lithuania
⁴ Houston Methodist Hospital, Houston, Texas, USA
⁵ St James’s Hospital, Dublin, Ireland
⁶ Connolly Hospital Blanchardstown, Dublin, Ireland
⁷ University of Limerick, Ireland
⁸ Minneapolis Heart Institute, Minneapolis, Minnesota, USA

11.00–12.30 International Session: Women and Cardiovascular DiseaseINTRODUCTION: **Prof Brendan McAdam**CHAIR: **Prof Pascal McKeown****11.00–12.00 Women and Arrhythmias and Women in Research and Trials****Prof Cecilia Linde**, President-Elect, European Society of Cardiology**Menopause - A time of Opportunity****Prof Sandra Lewis MD**, American College of Cardiology**Women with CVD Consensus Statement****Prof Andre Ng**, President, British Cardiovascular Society**12.00–12.40 ORAL ABSTRACT PRESENTATIONS 2****12.00–12.10 10. Sex Based Disparities in STEMI Outcomes: Higher in-Hospital Mortality in Women from a National Registry of 10,229 Patients**Ellen Beirne¹, David Blake², Michael Daly², Joan McCormack³, Olga Brych³, Eugene McFadden⁴, Sean Fleming⁵, Mark Kennedy⁶, Andrew Maree⁷, Tom Kiernan⁸, James Crowley⁹, Ronan Margey¹¹ *Mater Misericordiae University Hospital, Dublin, Ireland*² *Royal College of Surgeons in Ireland, Dublin, Ireland*³ *National Office of Clinical Audit, Dublin, Ireland*⁴ *Cork University Hospital, Cork, Ireland*⁵ *Portlaoise General Hospital, Portlaoise, Ireland*⁶ *Beaumont University Hospital, Dublin, Ireland*⁷ *St James' Hospital, Dublin, Ireland*⁸ *University Hospital Limerick, Ireland*⁹ *University Hospital Galway, Ireland***12.10–12.20 11. Gender Disparity in Waitlist Times for CTCA**

Michael O'Dwyer, Katie Hewitt, Niall Connolly, M Al Habsi, Ross Murphy, Caroline Daly, D Murphy, Andrew Maree

*Departments of Cardiology and Radiology, St James's Hospital, Dublin, Ireland***12.20–12.30 12. The Smokers' Paradox is Explained by Patient Age at Presentation: A 10-year follow up study after Primary PCI for ST elevation myocardial infarction**

Patrick Savage, Josh Ruddell, Mark McKane, Conor Brines, Brion McGowan, Sarah McCance, Brian Cox, Matthew Todd, Niall Herity

*Royal Victoria Hospital, Belfast, Northern Ireland***12.30–12.40 13. Comparison of Baseline Demographics, Length of Stay, and Rehospitalisation Rates in Acute Decompensated Heart Failure Patients Managed Via the Virtual Ward Pathway Versus Traditional Inpatient Care at St Vincent's University Hospital**

Liam Maher, Ethel O'Donoghue, Emma Brennan, Joshua Alonzo Aletin, Aoife Halpin, Ciara Mahon, Dermot McCaffrey, Matthew Barrett, Kenneth McDonald

*St Vincent's University Hospital, Dublin, Ireland***12.40–14.00***Lunch & Moderated Poster Session 2***(13.30–14.00****Training Programme Update)**

MODERATED POSTERS SESSION 2

MODERATOR: **Dr Albert McNeill**

14. The Impact of EAST-AFNET on Anti Arrhythmic Drug Claims in Ireland: an Analysis of Trends from 2014 to 2023

Luke Byrne¹, Amelia Smith¹, Claire Gorry¹, Caleb Powell², Luqman Helmi², Barry Michael¹, Cormac Kennedy¹

¹ Trinity College, Dublin, Ireland

² Cork University Hospital, Cork, Ireland

15. Implantable Cardioverter Defibrillators are Rarely Needed after ST Elevation MI in the Era of Primary PCI and Guideline-Directed Medical Therapy: A 10-year follow up study

Matthew Todd, Patrick Savage, Brian Cox, Mark McKane, Sarah McCance, Josh Ruddell, Conor Brines, Brion McGowan, Niall Herity

Royal Victoria Hospital, Belfast, Northern Ireland

16. Hearts in Motion: Evaluating the Utility of the Irish Heart Foundations' Mobile Health Unit

Tracy James¹, Nicola Briggs², Barry Lambe², Bróna Kehoe², Aisling McGrath², Janis Morrissey¹

¹ Irish Heart Foundation, Dublin, Ireland

² South East Technological University, Carlow, Ireland

17. Reactive Oxygen Species Expression in Vascular Regenerative Cells in People with Elevated Lipoprotein(a)

Michael Moroney¹, Jack H. Casey¹, Aishwarya Krishnaraj^{2,3,4}, Yi Pan^{2,3}, Fallon Dennis^{2,3,4}, Arianna He^{2,3,4}, Brady Park^{2,3,4}, Raj Verma¹, Hwee Teoh^{2,3,5}, Adrian Quan^{2,3}, Ambarish Pandey⁶, Javed Butler⁷, C. David Mazer^{3,4,8,9}, David A. Hess^{3,4,10,11}, Subodh Verma^{2,3,4,12}

¹ School of Medicine, Royal College of Surgeons in Ireland, Dublin, Ireland

² Division of Cardiac Surgery, St Michael's Hospital of Unity Health Toronto, Canada

³ Keenan Research Centre for Biomedical Science and Li Ka Shing Knowledge Institute, St Michael's Hospital, Toronto, Canada

⁴ Department of Pharmacology and Toxicology, University of Toronto, Canada

⁵ Division of Endocrinology and Metabolism, St Michael's Hospital of Unity Health Toronto, Canada

⁶ Department of Cardiology, University of Texas Southwestern Medical Center, Dallas, TX, USA

⁷ Department of Medicine, University of Mississippi School of Medicine, Jackson, USA

⁸ Department of Physiology, University of Toronto, Canada

⁹ Department of Anesthesia, St Michael's Hospital of Unity Health Toronto, Canada

¹⁰ Department of Physiology and Toxicology, Western University, London, Canada

¹¹ Molecular Medicine Research Laboratories, Robarts Research Institute, London, Canada

¹² Department of Surgery, University of Toronto, Canada

18. Does Change in Natriuretic Peptide Indicate Clinically Meaningful Change in Heart Failure Status in Stable Heart Failure?

Fiyinfoluwa Fabamwo, Giulia Bruno, Kenneth McDonald, Matthew Barrett

St Vincent's University Hospital Heart Failure Unit, Dublin, Ireland

- 13.30–14.00 Training Programme Update: Prof Briain MacNeill and Dr Ross Murphy
ICOT Update: Dr Grace O'Dea and Dr Brídóg Nic Aodha Bhúí
Brian McGovern Scholarship Update: Dr Joe McCambridge**
- 14.00–15.30 Irish Atherosclerosis Society Session**
CHAIRS: Prof Vincent Maher, Dr Ian Menown
- 14.00–14.40 Tackling the Tsunami of Cardiovascular Disease in Tumultuous Times**
Dr Robert Califf, Professor of CV Medicine, Department of Medicine Duke University and former Commissioner of Food and Drug at the US Food and Drugs Administration
- 14.40–15.30 ORAL ABSTRACT PRESENTATIONS 3**
- 14.40–14.50 19. Drug coated balloons versus drug-eluting stents in patients with de novo coronary artery disease: A systematic review and meta-analysis of randomised controlled trials**
Daniel O'Callaghan^{1,2}, Himanshu Rai^{1,2}, Daniele Giacoppo^{1,2}, JJ Coughlan^{1,2}, Rory Durand¹, Valeria Paradies³, Róisín Colleran^{1,2}, Gavin J. Blake¹, Fernando Alfonso⁴, Robert A. Byrne^{1,2}
¹ Cardiovascular Research Institute (CVRI) and Dept of Cardiology, Mater Private Network, Dublin, Ireland
² School of Pharmacy and Biomolecular Sciences, RCSI School of Medicine and Health Sciences, Dublin, Ireland
³ Department of Cardiology, Maastad Hospital, Rotterdam, The Netherlands
⁴ Cardiology Department, Hospital Universitario de La Princesa, IIS-IP, Centro de Investigación Biomédica en Red Enfermedades Cardiovasculares, Madrid, Spain
- 14.50–15.00 20. Beyond the Threshold: What BNP is Really Telling Us About Stage a Heart Failure**
Ashe Moore, Matthew Barrett, Joe Gallagher, Mark Ledwidge, Ken McDonald
St Vincent's University Hospital, Dublin, Ireland
- 15.00–15.10 21. Clinical Logic and Reasoning Algorithm (CLARA): A WhatsApp-Based AI Chatbot using Artificial Intelligence for Precision Anticoagulation in Atrial Fibrillation Using a Simulated and Validated Dataset**
Abrar Badawi¹, Kathryn Hong², Benedict Glover³
¹ RCSI, CAVAN, Ireland
² University of Toronto, Canada
³ Mater Private, Dublin, Ireland
- 15.10–15.20 22. Epinephrine Delivery Route and Resuscitation Outcomes in Catheterization Laboratory Cardiac Arrests: A Prospective Multi-Center Observational Study (iCPR)**
Ali Aldujeli^{1,2,3}, Faysal Azani⁴, Kristen M. Tecson⁵, Sumit Rana⁶, Ayman Haq⁷, Tom Kiernan⁸, Vacis Tatarunas², Rima Braukyliene², Kasparas Briedis², Emmanouil S. Brilakis⁷
¹ University of Galway, Ireland
² Lithuanian University of Health Sciences, Kaunas, Lithuania
³ Bon Secours Hospital Limerick, Ireland
⁴ St James's Hospital, Dublin, Ireland
⁵ Baylor Scott & White Research Institute, Dallas, TX, USA
⁶ Connolly Hospital Blanchardstown, Dublin, Ireland
⁷ Abbott Northwestern Hospital/Minneapolis Heart Institute Foundation, Minneapolis, MN, USA
⁸ University of Limerick, Ireland

15.20–15.30 23. Increased Red Blood Cell Distribution Width is a Marker of Adverse Cardiorenal Outcomes Following Cardiac Surgery

Raj Verma¹, Makoto Hibino², Nitish Dhingra^{3,4}, Shubh Patel⁴, Chirag Mehta⁵, Nadine Shehata^{4,6,7,8,9}, Terrence Yau^{3,4,10,11}, C. David Mazer^{4,12,13,14,15}

¹ Royal College of Surgeons in Ireland, Dublin, Ireland

² Cardiovascular and Thoracic Surgery, Cleveland Clinic, Cleveland, Ohio, USA

³ Division of Cardiac Surgery, University of Toronto, Ontario, Canada

⁴ Temerty Faculty of Medicine, University of Toronto, Ontario, Canada

⁵ Epic Hospital, Ahmedabad, India

⁶ Division of Hematology, Mount Sinai Hospital, Toronto, Ontario, Canada

⁷ Division of Medical Oncology and Hematology, University Health Network, Toronto, Ontario, Canada

⁸ Departments of Medicine, Laboratory Medicine and Pathobiology, University of Toronto, Ontario, Canada

⁹ Institute of Health Policy Management and Evaluation, University of Toronto, Ontario, Canada

¹⁰ Division of Cardiovascular Surgery, Peter Munk Cardiac Centre, University Health Network, Toronto, Ontario, Canada

¹¹ Department of Surgery, University of Toronto, Ontario, Canada

¹² Department of Anesthesia, Li Ka Shing Knowledge Institute, St Michael Hospital of Unity Health Toronto, Ontario, Canada

¹³ Department of Anesthesiology and Pain Medicine, University of Toronto, Ontario, Canada

¹⁴ Department of Physiology, University of Toronto, Ontario, Canada

¹⁵ Department of Pharmacology and Toxicology, University of Toronto, Ontario, Canada

15.30–16.15

Coffee Break & Moderated Poster Session 3

MODERATED POSTERS SESSION 3

MODERATOR: **Dr Tora Leong**

24. Timely Reperfusion in STEMI: A Quality Improvement Initiative and Full-Cycle Audit of Guideline Compliance in the Dublin Mid Leinster Region

Cian Murray, James Carey, Ian Pearson
St James's Hospital, Dublin, Ireland

25. Coronary Artery Calcification on Non-Cardiac Gated CT Thorax Scans – A Single Tertiary Centre Retrospective Observational Study

Divyanshu Jain, Robert Doyle, Patrick Devitt, Jane Burns, Catherine McGorrian
Mater University Hospital, Dublin, Ireland

26. Dual-energy pulsed field and radiofrequency mitral isthmus line ablation outcomes using a lattice-tipped catheter

James Mannion^{1,2}, Andrew Stone¹, Derek Crinion¹, Stephen Tuohy¹, Jonathan Lyne^{1,3}

¹ Beacon Hospital, Dublin, Ireland

² Cork University Hospital, Cork, Ireland

³ School of Medicine, University College Dublin, Ireland

27. Real-World Outcomes of Cardiac Resynchronisation Therapy in a West of Ireland Cohort: Insights from a Seven-year Retrospective Study

Ellen Beirne, Aoife Casey, Yvonne Smyth, Susan Connolly, James Crowley, Patrick Nash
University Hospital Galway, Ireland

28. Hospital Doctors' Knowledge of SGLT2 Inhibitors in Heart Failure: A Cross-Specialty Survey of Awareness, Side-Effects, and Perioperative Management

Emma Higgs, Ian Conrick-Martin, Jennifer Hastings
Mater Misericordiae University Hospital, Dublin, Ireland

16.15-17.15 Brian Maurer Young Investigator Award 2025

CHAIR: **Prof Brendan McAdam**

JUDGES: **John Harold, Sandra Lewis, Ben Freed, Cecilia Linde**

29. Outcomes Following Orthotopic Transcatheter Tricuspid Valve Replacement in Patients with Cardiac Implantable Electronic Device Endocardial Leads: the TRIPLACE Registry

Bryan Traynor¹, Andrea Scotti², Rishi Puri³, Matteo Sturla², Firas Zahr⁴, Robert Boone⁵, Susheel Kodali⁶, Didier Tchetché⁷, Ole De Backer⁸, Augustin Coisne⁹, Sebastian Ludwig¹⁰, Lukas Stolz¹¹, Rodrigo Estevez Loureiro¹², Matti Adam¹³, Federico De Marco¹⁴, Edwin Ho², Anson Cheung¹⁵, Alexandru Patrascu¹, Sami Alnasser¹, Scott Chadderdon⁴, Davorka Lulic¹⁶, Joanna Bartkowiak¹⁷, Julio Echarte Morales¹², Horst Sievert¹⁸, Timothy Byrne¹⁹, Francesco Maisano²⁰, Christian Frerker²¹, Nicolas Dumonteil⁷, Omar Oliva⁷, Tanja Rudolph²², Johannes Kirchner²², Beka Bakhtadze³, Samir Kapadia³, Juan Del Portillo²³, Josep Rodès-Cabau²³, Niklas Schofer¹⁰, Juan Granada²⁴, Jörg Hausleiter²⁵, Rebecca Hahn²⁶, Thomas Modine²⁷, Azeem Latib², Neil Fam¹

¹ *St Michael's Hospital, Toronto, Canada*

² *Montefiore Medical Centre, New York, USA*

³ *Cleveland Clinic, Cleveland, USA*

⁴ *Oregon Health & Science University, Oregon, USA*

⁵ *St Paul's Hospital, Vancouver, USA*

⁶ *New York-Presbyterian/Columbia University Irving Medical Centre, New York, USA*

⁷ *Clinique Pasteur Toulouse, Toulouse, France*

⁸ *Copenhagen University Hospital, Copenhagen, Denmark*

⁹ *Lille University Hospital, Lille, France*

¹⁰ *University Heart & Vascular Centre, Hamburg, Germany*

¹¹ *Medizinische Klinik und Poliklinik I, Munich, Germany*

¹² *Hospital Alvaro Cunqueiro, Vigo, Spain*

¹³ *University Hospital Cologne, Cologne, Germany*

¹⁴ *Centro Cardiologico Monzino, Milan, Italy*

¹⁵ *St Paul's Hospital, Vancouver, Canada*

¹⁶ *CHC Rijeka, Rijeka, Croatia*

¹⁶ *Bern University Hospital, Bern, Switzerland*

¹⁸ *CVC, Frankfurt, Germany*

¹⁹ *Arizona Heart Institute and Biltmore Cardiology, Arizona, USA*

²⁰ *San Raffaele Hospital, Milan, Italy*

²¹ *UKSH Lübeck, Lübeck, Germany*

²² *Heart & Diabetes Centre NRW, Bad Oeynhausen, Germany*

²³ *IUCPQ, Quebec City, Canada*

²⁴ *Cardiovascular Research Foundation, New York, USA*

²⁵ *LMU Munich, Munich, Germany*

²⁶ *Columbia University Irving Medical Centre, New York, USA*

²⁷ *Bordeaux University Hospital, Bordeaux, France*

30. Cardiac Biomarkers in Non-Cardiac Patients: A Prognostic Marker for All-Cause Mortality

Myles McKittrick¹, Seoidin McKittrick¹, Richard Conway², Declan Byrne²,
Deirdre O'Riordan², Bernard Silke²

¹ *University Hospital Limerick, Ireland*

² *St James Hospital, Dublin, Ireland*

31. Outcomes and aortic regurgitation graded by videodensitometry from Early neo2 and Neo2BAV registries

Elfatih A. Hasabo^{1,2}, Darren Mylotte³, Andreas Rück⁴, Won-Keun Kim⁵, Mohamed Abdel-Wahab⁶, Cagri Ayhan^{1,2}, Dina Neiroukh^{1,2}, Magdi S. Yacoub^{1,2}, Paolo Alberto Del Sole⁷, Hesham Elzomor³, Osama Soliman^{1,2}

¹ *Royal College of Surgeons in Ireland (RCSI) University of Medicine and Health Sciences, Dublin, Ireland*

² *Precision Cardiovascular Medicine & Innovation Institute (PCMI), Cardiovascular Research Institute Dublin (CVRI), Mater Private Network, Dublin, Ireland*

³ *Discipline of Cardiology, Galway University Hospital, SAOLTA Healthcare Group, Health Service Executive, Galway, Ireland*

⁴ *Department of Cardiology, Karolinska University Hospital, Stockholm, Sweden*

⁵ *Department of Cardiology and Cardiac Surgery, Kerckhoff Heart and Lung Centre, Bad Nauheim, Germany*

⁶ *Department of Cardiology, Heart Center Leipzig at University of Leipzig, Germany*

⁷ *Discipline of Cardiology, Galway University Hospital, SAOLTA Healthcare Group, Health Service Executive, Dublin, Ireland*

17.15–18.00 Stokes Lecture 2025 – "Time's Arrow; The Aging Chronobiome"

Dr Garret FitzGerald, McNeil Professor in Translational Medicine and Therapeutics, University of Pennsylvania, Philadelphia, USA

INTRODUCTION: **Prof Brendan McAdam**

18.00 Irish Cardiac Society Member Update 2025 (ICS Members Only)

Saturday, 18 October

08.55 **Opening Comments: Prof Brendan McAdam**, President Irish Cardiac Society

09.00–10.30 Imaging Subgroup Meeting

CHAIRS: **Dr Matthew Barrett**, **Dr Helen Cooney**, **Dr Sinead Hughes**

09.00–10.00 Imaging Case Competition

10.00–10.30 Pulmonary hypertension and right ventricular dysfunction

Dr Ben Freed, Governor, Illinois Chapter, American College of Cardiology

10.30–10.45

Coffee Break

10.45–12.15 Heart Failure Subgroup Meeting

CHAIRS: Prof Emer Joyce, Prof Patricia Campbell, Dr Alastair Gray

10.45–11.15 What's Hot in Heart Failure

Prof Mark Petrie, Glasgow Royal Infirmary and Professor of Cardiology, School of Cardiovascular & Metabolic Health, University of Glasgow, UK

11.15–12.15 Heart Failure Case Competition**12.15–13.00 Novel and Current Issues in Cardiology**

CHAIRS: Prof Yvonne Symth, Prof Brendan McAdam

12.15–12.30 **A1 and Cardiology: A Love Story in Progress – Dr John Sheehan**12.30–12.45 **Advocating for an EU Cardiovascular Health Strategy – Prof Cecilia Linde**12.45–13.00 **Implementation of the National Review of Cardiac Services – Prof Joe Galvin****13.00 Winner Announcements and Meeting Close**

Prof Brendan McAdam, President, Irish Cardiac Society

GENERAL POSTERS**32. Mechanical Circulatory Support for Infarct-Related Cardiogenic Shock: A Systematic Review and Network Meta-analysis**Zaran Butt¹, Saad Sharif¹, Mohammed Ahmad¹, Michael Daly^{1,2}, James O'Neill^{1,2}, Alexandra Gentry-Maharaj³, Peter Godolphin³¹ Connolly Hospital, Dublin, Ireland² Royal College of Surgeons Ireland, Dublin, Ireland³ University College London, UK**33. Assessing Modifiable Risk Factors in an Irish Acute Coronary Syndrome Population: A Retrospective Analysis of Secondary Cardiac/Ischaemic Events**Jonathan Berry-Walsh¹, Noel Caplice^{1,2}, Ann Deasy², Eugene McFadden^{1,2}¹ University College Cork, Ireland² Cork University Hospital, Cork, Ireland**34. Cardiopulmonary Exercise Testing in Heart Failure with Preserved Ejection Fraction: A Game changer for patients**Elena Connell¹, Peter McKavanagh¹, Saqib Javaid², Chris Bleakley², Rachel Savage², George Kernahan²¹ Ulster Hospital, Belfast, Northern Ireland² Ulster University, Belfast, Northern Ireland**35. Cardiac Resynchronization Therapy: an Underutilised Treatment Modality Amongst Patients with HFrEF and Cardiac Dyssynchrony**Charles Her Yi Ling¹, Úna Buckley², Kenneth McDonald^{1,2,3}¹ University College Dublin, Ireland² St Vincent's University Hospital, Dublin, Ireland³ Heart Failure Unit, St Michael's Hospital Dún Laoghaire, Dublin, Ireland

- 36. The Impact of Sedation Strategy on Objective Catheter Stability in Patients Undergoing Radiofrequency Ablation for Atrial Fibrillation**
 Luke Byrne, Liam Maher, Caleb Powell, Luqman Helmi, Gill Crowe, William Costello, Fiachra Clifford, Barry Kelly, Katie Walsh
Cork University Hospital, Cork, Ireland
- 37. Signals in Motion: Longitudinal Echocardiographic and BNP Trajectories Across Preclinical Heart Failure Stages**
 Ashe Moore, Matthew Barrett, Joe Gallagher, Mark Ledwidge, Ken McDonald
St Vincent's University Hospital, Dublin, Ireland
- 38. Small Rises, Big Questions – Rethinking BNP Surveillance in Preclinical Heart Failure**
 Ashe Moore, Matthew Barrett, Joe Gallagher, Mark Ledwidge, Ken McDonald
St Vincent's University Hospital, Dublin, Ireland
- 39. Beyond Biomarkers: Echocardiographic Predictors of Clinical Events in Preclinical Heart Failure**
 Ashe Moore, Matthew Barrett, Joe Gallagher, Mark Ledwidge, Ken McDonald
St Vincent's University Hospital, Dublin, Ireland
- 40. Validation of Pulmonary Acceleration Time as a Non-Invasive Estimate of Pulmonary Artery Pressure in Patients with Preserved Right Ventricular Function**
 Ines Estrela, Rabia Nazim, Sruthy Raju, Manish Bhatt, Edward Comber, Gerard King, John Clarke
Eagle Lodge Cardiology, Limerick, Ireland
- 41. “Bringing Heart Failure Diagnosis Closer to Home: Point-of-Care Ultrasound in a Community-Based Dyspnoea Clinic” A Pilot Study Demonstrating the Feasibility, Safety, and Clinical Impact of Pocus within the Integrated Programme for Chronic Disease**
 Ben Blackburne, Carole Townsend, Mohamad Shafi Rummun, Sean M Fleming
MRH Portlaoise, Portlaoise, Ireland
- 42. Sustained Time Delays in STEMI Care for Women: Insights from an Irish Cohort of >10,000 Patients**
 David Blake¹, Ellen Beirne², Michael Daly¹, Joan McCormack³, Olga Brych³, Eugene McFadden⁴, Sean Fleming⁵, Mark Kennedy⁶, Andrew Maree⁷, Tom Kiernan⁸, James Crowley⁹, Ronan Margey²
¹ *RCSI, Dublin, Ireland*
² *Mater Misericordiae University Hospital, Dublin, Ireland*
³ *NOCA, Dublin, Ireland*
⁴ *Cork University Hospital, Cork, Ireland*
⁵ *Portlaoise General Hospital, Portlaoise, Ireland*
⁶ *Beaumont Hospital, Dublin, Ireland*
⁷ *St James's Hospital, Dublin, Ireland*
⁸ *University Hospital Limerick, Ireland*
⁹ *University Hospital Galway, Ireland*
- 43. Clinical Logic and Reasoning Algorithm (CLARA): an AI-Enabled WhatsApp Chatbot for Guiding Antiarrhythmic Drug Therapy in Atrial Fibrillation**
 Abrar Badawi¹, Kathryn Hong², Benedict Glover³
¹ *RCSI, CAVAN, Ireland*
² *University of Toronto, Canada*
³ *Mater Private, Dublin, Ireland*

- 44. Impact of azacitidine on cardiac function: A retrospective analysis of left ventricular systolic function and myocardial mass using echocardiography**
Matthew Todd¹, Marcus Boyd², Lana Dixon², Chris Watson³
¹ *Belfast City Hospital, Belfast, Ireland*
² *Royal Victoria Hospital, Belfast, Northern Ireland*
³ *Queens University Belfast, Northern Ireland*
- 45. An Integrated Digital Service for Managing Chronic Cardiovascular Diseases in Primary Care; focus on Type II Diabetes Mellitus and Non-Diabetic Hyperglycaemia**
Niall Colwell^{1,2}, Andrew Sheppard³, Micheal O’Croinin⁴, Koni Hai Ying Sung¹, Donal Collins⁵
¹ *Tipperary UH, Clonmel, Ireland*
² *University Hospital Waterford, Ireland*
³ *Redicare, Cork, Ireland*
⁴ *Redicare Ltd, Cork, Ireland*
⁵ *BarlowCollins Ltd, Hampshire, UK*
- 46. Ambulatory BP Monitoring Reveals True Significant Hypotension in Stable HF Patients; Is this an Overlooked Issue?**
Giulia Bruno¹, Aoife Ni Chuanaigh¹, Cyril Kazan², Fiyinfoluwa Fabamwo¹, Dermot McCaffrey¹, Ciara Mahon¹, Matthew Barrett¹, Kenneth McDonald¹
¹ *SVUH, Dublin, Ireland*
² *UCD, Dublin, Ireland*
- 47. Investigating Implantable Loop Recorder Settings for the Detection of Non-sustained Ventricular Arrhythmias in an Inherited Cardiac Conditions Population**
Greg Douglas, Deirdre Ward
Tallaght University Hospital, Dublin, Ireland
- 48. Patient Factors Affecting the Prescribing of Lipid-Lowering Therapy and Cholesterol Goal Achievement Among an Irish Population**
Rehab Elhiny^{1,2}, Linda M O’Keeffe^{3,4,5}, Stephen Byrne¹, Maria Donovan¹, Margaret Bermingham¹
¹ *Pharmaceutical Care Research Group, School of Pharmacy, University College Cork, Ireland*
² *Clinical Pharmacy Department, Faculty of Pharmacy, Minia University, Minia, Egypt*
³ *School of Public Health, University College Cork, Ireland*
⁴ *MRC Integrative Epidemiology Unit at the University of Bristol, University of Bristol, UK*
⁵ *Population Health Sciences, Bristol Medical School, University of Bristol, UK*
- 49. Impact of Severe COVID-19 Infection on Coronary Microvascular Dysfunction in ANOCA Patients: A Multicenter Cross-Sectional Study**
Ali Aldujeli^{1,2,3}, Tsung-Ying Tsai¹, Kamile Puipaite³, Rima Braukyliene³, Sandra Kmitaitė³, Vacis Tatarunas³, Diana Zaliaduonyte³, Faisal Sharif¹, Tom Kiernan⁴, Vaiva Lesauskaite³, John A. Spertus⁵, Yoshinobu Onuma¹, Emmanouil S Brilakis⁶, Patrick W. Serruys¹
¹ *University of Galway, Ireland*
² *Bon Secours Hospital Limerick, Ireland*
³ *Lithuanian University of Health Sciences, Kaunas, Lithuania*
⁴ *University of Limerick, Ireland*
⁵ *Cardiovascular Research St Luke’s Mid America Heart Institute, Kansas, Missouri, USA*
⁶ *Abbott Northwestern Hospital/Minneapolis Heart Institute Foundation, Minneapolis, Minnesota, USA*

- 50. Recurrent Iron Deficiency After Intravenous Iron Therapy in Heart Failure Patients: an Observational Study**
Giulia Bruno¹, Cyril Kazan², Fiyinfoluwa Fabamwo¹, Dermot McCaffrey¹, Ciara Mahon¹, Matthew Barrett¹, Kenneth McDonald¹
¹ SVUH, Dublin, Ireland
² UCD, Dublin, Ireland
- 51. Retrospective Analysis of Clinical Outcomes for Patients with Previous Coronary Artery Bypass Presenting with Acute Coronary Syndrome**
Farees Abdul Manan, Joseph Morris, Gregory Horsfall, Sanjay Sastry, Boyang Liu
Manchester Foundation Trust, Manchester, UK
- 52. Predictors of Atrial Fibrillation Across the Heart Failure Spectrum**
Caleb Powell¹, Ellen Saghie¹, Giulia Bruno¹, Joseph Gallagher², Mark Ledwidge², Matthew Barrett¹, Kenneth McDonald¹, David Keane¹
¹ St Vincent's University Hospital, Dublin, Ireland
² University College Dublin, Ireland
- 53. Comparison of Departmental Echocardiogram vs Caption AI-driven Acquisition (CODEC-AI)**
David Twomey¹, Matthew Barrett¹, Sharon Donoghue¹, Martina Walsh¹, Sharon Fitzpatrick², Jack McCarthy¹, Victoria Ugono¹, Orla Conde¹, Lyndsey McHenry¹
¹ SVUH, Dublin, Ireland
² PEI, Dublin, Ireland
- 54. The expanding role of advanced nurse practitioners in a tertiary cardiac electrophysiology service in Ireland**
James Mannion, Gerard Allen, Mary Davey, Caleb Powell, Katie Walsh, Gerard Fahy
Cork University Hospital, Cork, Ireland
- 55. Pharmacological management of dyslipidaemia and achievement of secondary prevention lipid targets in older adults (≥70 years) following a CAD event: secondary analysis of the iASPIRE study**
Philip J. Smyth^{1,2}, Michael Killian², David A. Wood^{1,3}, Susan Connolly^{1,3}
¹ University of Galway, Ireland
² University Hospital Waterford, Ireland
³ National Institute for Prevention and Cardiovascular Health, Galway, Ireland
- 56. 'Pacing Yourself' – Review of Device-Related Complications Performed by a Single Operator and the Influence of Device Type and Operator Experience**
Ben Blackburne, Himanshu Rai, Daniel O'Callaghan, Robert Byrne, Mark Dayer
Mater Private Hospital, Dublin, Ireland
- 57. Factors associated with all-cause mortality in STEMI complicated by cardiac arrest at a tertiary Cardiology centre**
Ryan Karlsson, Max Waters, Ian Pearson
St James's Hospital, Dublin, Ireland

58. The 'DETECT' Survey – Drug Eluting Technologies Evaluation and Current Trends Across Ireland

Daniel O'Callaghan^{1,2}, Robert A. Byrne^{1,2}

¹ *Cardiovascular Research Institute (CVRI) and Dept of Cardiology, Mater Private Network, Dublin, Ireland*

² *School of Pharmacy and Biomolecular Sciences, RCSI School of Medicine and Health Sciences, Dublin, Ireland*

59. Evaluating clinical data and dietary behaviours in High-Risk Prevention Programme for deprived communities

JT Treanor¹, John Broughan², Walter Cullen², Angie Brown¹, Janis Morrissey¹

¹ *Irish Heart Foundation, Dublin, Ireland*

² *UCD School of Medicine, Dublin, Ireland*

60. Taking the Long Way Around: Case Series of Biatrial Flutter Following Anteroseptal Mitral Isthmus Line

Tadhg Prendiville^{1,2}, Charlie O'Kelly¹, Louisa O'Neill¹, David Keane^{1,3}

¹ *Blackrock Clinic, Dublin, Ireland*

² *St Michael's Hospital, Toronto, Canada*

³ *St Vincent's University Hospital, Dublin, Ireland*

61. Transcatheter Edge-to-Edge Repair for Tricuspid Regurgitation – Initial Experience from an Irish Centre

Suleiman Obeidat^{1,2}, Conor Doyle¹, James Carey¹, Ellen Beirne¹, Susi Gnanaraj³, Jamie Byrne¹, Niamh Mattimoe¹, Roger Byrne³, Laura Murphy¹, Lavanya Saiva⁴, Martin Lenihan¹, Andrew Sharp^{1,2}, Diarmaid Cadogan¹, Ronan Margey³, Mark Spence³, Ivan Casserly^{1,3}

¹ *Mater Misericordiae University Hospital, Dublin, Ireland*

² *University College Dublin, Ireland*

³ *Mater Private Hospital, Dublin, Ireland*

⁴ *Connolly Hospital Blanchardstown, Dublin, Ireland*

62. Determinants of Cardiovascular Monitoring in Patients with Advanced Cancer Receiving Immune Checkpoint Inhibitor Therapy – A Retrospective Cohort Study

Michael Mc Kenna¹, Greg Douglas², Rayan Hassan³, Jessica Odidison³, Ethan Osborne³, Ronan Desmond³

¹ *St Vincent's University Hospital, Dublin 4, Ireland*

² *Beaumont Hospital, Dublin 5, Ireland*

³ *Tallaght University Hospital, Dublin 24, Ireland*

63. Iron Deficiency in Ambulatory Heart Failure Patients: Evaluating the role of Hypophosphataemia Risk in Selecting Intravenous Iron Therapy

Laura Cox¹, Kyle Mooteeram¹, Thom Morton¹, Gopinadh Pyla¹, Eveline Lee¹, Sarah O'Hara¹, Tracey Thompson¹, Monica Monaghan^{1,2,3}

¹ *South West Acute Hospital, Enniskillen, UK*

² *School of Medicine, Dentistry and Biomedical Sciences, QUB, Belfast, Northern Ireland*

³ *Royal College of surgeons in Ireland (RCSI) University of Medicine and Health Sciences, Dublin, Ireland*

64. Predictors of 30-Day Mortality Following Transcatheter Aortic Valve Implantation: Insights from a Single-Centre Registry

Cian Murray, Michelle O'Dwyer, Luke McAuley, Aine Harris, Joseph Quirk, Muhammad Imtiyaz Rostam, Amnah Dashti, Zaran Butt, Andrew Maree, Stephen O'Connor, Mark Hensey

St James's Hospital, Dublin, Ireland

65. Incidence and Predictors of post-TAVI Permanent Pacemaker Requirement

Cian Murray, Michelle O'Dwyer, Luke McAuley, Joseph Quirk, Aine Harris, Amnah Dashti, Muhammad Imtiyaz Rostam, Zaran Butt, Andrew Maree, Stephen O'Connor, Mark Hensey

St James's Hospital, Dublin, Ireland

66. Left Bundle Branch Area Pacing in a Non-Electrophysiology Centre

Nandhini Sankhyan, Jawad Zaman, Neasa Starr, Thomas Kiernan, Terence Hennessy

UHL, Limerick, Ireland

67. Reducing perioperative mortality in oesophageal cancer with a prescribed High-intensity interval training (HIIT) exercise intervention [PRE-HIIT Randomised Control Trial]

Myles McKittrick¹, Emily Smyth^{2,3}, Linda O'Neill^{3,2,4}, Neil Kearney^{3,5}, Grainne Sheill^{3,6}, Louise Brennan^{3,2}, Sarah Wade^{3,6}, Sophie Grehan^{2,3}, Sanela Begic^{2,3}, Mikel Egana⁷, Ronan Ryan^{3,8}, Gerard J Fitzmaurice^{3,8}, Ross Murphy⁹, Suzanne L Doyle¹⁰, Cathal Walsh¹¹, Narayanasamy Ravi^{3,5}, Claire L Donohoe^{3,5}, John V Reynolds^{3,5}, Juliette Hussey^{2,3}, Emer M Guinan^{2,3,12}

¹ *St James Hospital, Dublin, Ireland*

² *Discipline of Physiotherapy, School of Medicine, Trinity College Dublin, Ireland*

³ *Trinity St James's Cancer Institute, Dublin, Ireland*

⁴ *Clinical Research Centre, School of Medicine, University College Dublin, Ireland*

⁵ *Department of Surgery, St James's Hospital, Dublin, Ireland*

⁶ *Department of Physiotherapy, St James's Hospital, Dublin, Ireland*

⁷ *Department of Physiology, School of Medicine, Trinity College Dublin, Ireland*

⁸ *Department of Cardiothoracic Surgery, St James's Hospital, Dublin, Ireland*

⁹ *The Institute of Cardiovascular Science, Trinity College Dublin, Ireland*

¹⁰ *School of Biological, Health, and Sport Sciences, Technological University Dublin, Ireland*

¹¹ *TCD Biostatistics Unit, Trinity College Dublin, Ireland*

¹² *Wellcome-HRB Clinical Research Facility, St James's Hospital, Dublin, Ireland*

68. Factors Contributing to Delayed Reperfusion in STEMI Patients and Associated Outcomes at St James's Hospital (2024 Clinical Audit)

Amged Elsayed, Issam Altnji, Mohamed Almuntaqa, Sarah Alazawei, Suaad Alshleh, April Villalobos, Faysal Alzunni, Ian Pearson

St James's Hospital, Dublin, Ireland

69. Pulsed Field Ablation for the Treatment of Atrial Fibrillation in an Irish Hypertrophic Cardiomyopathy Cohort: A Retrospective Observational Study

C Cawley¹, K Laurilla², L Rosalejos², M Marcojos¹, J Li¹, E Morgan¹, H Connaughton¹, D O'Hare³, J Keaney³, R Sheahan³, J O'Brien², G Szeplaki², D Keane³, J Galvin², H Sulaiman¹, D Ward¹, D Crinion^{3,14,5}

¹ *CRY-P Centre, Dublin, Ireland*

² *Mater Private Hospital, Dublin, Ireland*

³ *Blackrock Clinic, Dublin, Ireland*

⁴ *St James University Hospital, Dublin, Ireland*

⁵ *Beacon Hospital Dublin, Ireland*

- 70. Redefining Superior Vena Cava Isolation: Integrated 3D Mapping Meets Pulsed-Field Ablation – A Safe and Feasible Approach with Novel PFA Catheters**
Panteleimon Papakonstantinou, Kifayat Qazalbash, Diana Arellano, Kristine Laurilla, Lorena Rosalejos, Fionnuala Seaver, Oluwademilade Dayo-Alade, Ted Keelan, Zoi Kotsialou, Tamas Tahin, Noel Fitzpatrick, Mark Dayer, Joe Galvin, Gabor Szeplaki, Jim O'Brien
Electrophysiology Lab and Atrial Fibrillation Institute, Cardiovascular Research Institute, Mater Private Hospital, Dublin, Ireland
- 71. Use of BNP to predict clinical events in an at risk diabetic population - a retrospective study**
Aoife Casey, Lucas Farren, Kenneth McDonald
St Vincent's University Hospital, Dublin, Ireland
- 72. Ward acute care at home with community-based specialist follow-up is it virtually possible?**
Sadaf Munawar, Patricia Hayes, Majella Ann Kennedy, Sarah Ryan, Breda Bourke, Ciara Cahil, Linda Daffy, Mairead Keary, Neassa Starr
University Hospital Limerick, Ireland
- 73. How a Northern Irish District General Hospital compares to the UK National Heart Failure Audit Recommendations**
Nicola Melarkey, Rebecca Kennedy, Orla Graham, Shiama Zuhairy, Michael Melody, Anu Kaushik, Patricia Campbell
Southern Health & Social Care Trust, Newry, UK
- 74. A review of a virtual ward (hospital at home) for management of acute decompensated heart failure in patients with severely impaired left ventricular function**
Ross O'Grady, Pdraig Walsh, Muslim Madhag, Avinash Radhakrishna, David O'Halloran, Beth Moloney, Duncan Davidson, Syed Abbas, Tom Kiernan, Neasa Starr
University Hospital Limerick, Ireland
- 75. Comparison of Procedural Outcomes Between Sirolimus- and Paclitaxel-Drug-Coated Balloons in De Novo Coronary Lesion Angioplasty at Index Procedure and at 30-Day Follow-up**
Tamlynn Muller, Emiliano Bianchini, Brian Hynes, Darren Mylotte, Faisal Sharif, Briain MacNeill, Jim Crowley, Patrick Nash, Angela McInerney
Galway University Hospital, Galway, Ireland
- 76. Late Gadolinium Enhancement Fibrosis Burden and Sudden Cardiac Death Risk Stratification in Hypertrophic Cardiomyopathy: A Single-Centre Retrospective Analysis**
Grace O'Dea¹, Caroline Crotty¹, Zain Sharif¹, Sandra Quinn²
¹ *Beaumont Hospital, Dublin, Ireland*
² *St James's Hospital, Dublin, Ireland*
- 77. Elevated pre-percutaneous coronary intervention C-reactive protein levels and subsequent in-stent restenosis and repeat revascularization: A scoping review and meta-analysis**
Himanshu Rai^{1,2}, Renitha Reddi³, JJ Coughlan^{1,2}, Daniel O'Callaghan¹, Roisin Colleran^{1,2}, Robert A. Byrne^{1,2}
¹ *Department of Cardiology and Cardiovascular Research Institute (CVRI) Dublin, Mater Private Network, Dublin, Ireland*
² *School of Pharmacy and Biomolecular Sciences, RCSI University of Medicine and Health Sciences, Dublin, Ireland*
³ *School of Medicine, RCSI University of Medicine and Health Sciences, Dublin, Ireland*

- 78. Appropriateness of diuretic dosing for patients with acute decompensated heart failure**
Fiyona Panchal, Bruno Chan Chin, Ontefetse Ntlholang
St James Hospital, Dublin, Ireland
- 79. Rotas, Reperfusion and Retirement: A National Survey of Irish Interventional Cardiologists**
Suleiman Suleiman¹, Ashe Moore¹, Joseph Galvin², Ronan Margey², Jim O'Neill^{1,2}
¹ *Connolly Hospital Blanchardstown, Dublin, Ireland*
² *Mater Misericordiae University Hospital, Dublin, Ireland*
- 80. Retrospective Comparative Cohort Study of Lamniopathies Versus Titin Mutation Positive Cardiomyopathies – an Assessment of Response to Guideline Directed Medical Therapy for Heart Failure with Reduced Ejection Fraction**
Mohammed Ahmed^{1,2}, Christian Cawley², Jing Li Li², Mae Marcojos², Elynn Morgan², Helen Connaughton², Habitha Sulaiman^{2,1}, Deirdre Ward^{2,1}
¹ *Tallaght University Hospital, Dublin, Ireland*
² *CRY Unit, Tallaght University Hospital, Dublin, Ireland*
- 81. Transcatheter Edge-to-Edge Repair for Mitral Regurgitation – Real World Experience from an Irish Centre**
Suleiman Obeidat^{1,2}, Conor Doyle¹, James Carey¹, Ellen Beirne¹, Susi Gnanaraj³, Jamie Byrne¹, Niamh Mattimoe¹, Roger Byrne³, Laura Murphy¹, Lavanya Saiva⁴, Martin Lenihan¹, Andrew Sharp^{1,2}, Diarmaid Cadogan¹, Ronan Margey³, Mark Spence³, Ivan Casserly^{1,3}
¹ *Mater Misericordiae University Hospital, Dublin, Ireland*
² *University College Dublin, Ireland*
³ *Mater Private Hospital, Dublin, Ireland*
⁴ *Connolly Hospital Blanchardstown, Dublin, Ireland*
- 82. Implantable Cardiac Defibrillators for Primary Prevention of Sudden Cardiac Death in Hypertrophic Cardiomyopathy: Does the Benefit Outweigh the Risk?**
Caleb Powell, Philip Nolan, James Mannion, Rory Ward, Mohamad Helmi, Katie Walsh, Gerry Fahy
Cork University Hospital, Cork, Ireland
- 83. Changes in posterior atrial wall properties post Pulse Field Ablation**
Cian Mangan¹, V Vigneswaran², A Gharaviri², Zain Sharif¹, Ricky Sheahan¹, Danny O'Hare³, Steven Williams², Louisa O'Neill³
¹ *Beaumont Hospital, Dublin, Ireland*
² *Centre for Cardiovascular Science, University of Edinburgh, UK*
³ *Blackrock Clinic, Dublin, Ireland*
- 84. Revolutionising Palpitation Diagnostics: The Impact of On-Demand ECG Monitoring on Arrhythmia Detection**
Abdullahi Mohamed Khair, Aaron McDonnell, Carlos Gracias, preetha Sreekumaran Nair, Xinxin Li, Joseph Galvin
Mater Misericordiae University Hospital, Dublin, Ireland

- 85. Analysis of Indications, Accuracy of Reporting and Clinical Outcomes in Transthoracic Echocardiography with Agitated Saline Contrast (Bubble Studies) in the Detection of Patent Foramen Ovale: A Single Centre Retrospective Cohort Study**
Mohamed El Gamati, Carmelia Kneafsey, Gregory Offiah, James Shand, Ciara Mahon
St Vincent's University Hospital, Dublin, Ireland
- 86. Is there a role for lipoprotein (A) monitoring in Cardiac Rehab – let's be proactive!**
Hazel Wilson, Ian Menown
Southern Health and Social Care Trust, Newry, UK
- 87. The Usefulness of Transthoracic Echocardiography in Beaumont University Hospital, Dublin**
Bhaves Lakhwani, Prof Brendan McAdam
Beaumont University Hospital, Dublin, Ireland
- 88. Changes in Statin Therapy Following Discharge in those with Cardiovascular Disease in Ireland**
Cillian O'Brien¹, Gregory Murphy², David Wood¹, Conor McCaughey^{1,3}
¹ *NIPC, Galway, Ireland*
² *St James Hospital, Dublin, Ireland*
³ *Mater Hospital, Dublin, Ireland*
- 89. Analysis of Lipid Management in a Very High Risk Patient Cohort in a Tertiary Centre Cardiology Outpatient Department**
Jeremy Dover, L Sarpong, J Sokan, C Aiken, K Fitzgerald, N McEvoy, BF McAdam
Beaumont Hospital, Dublin, Ireland
- 90. Utility of Exercise Stress Test (EST) in Today's Day and Age**
Ao Lik Lee, Sean Whelan, En Qing Lim, Gearoid Fitzgerald
Mercy University Hospital, Cork, Ireland
- 91. Trends in PCI – An Insight into the Increasing Complexity of Contemporary PCI**
Daniel O'Callaghan^{1,2}, Himanshu Rai^{1,2}, Rory Durand¹, Colin MacDonnell¹, Orlagh Kelly¹, Dawn Sinclair¹, JJ Coughlan^{1,2}, Colm Hanratty¹, Roisin Colleran^{1,2}, Mark Kennedy^{1,2}, Hafiz Hussein¹, Saber Hassan¹, Talal Ibrahim¹, Ronan Margey^{1,2,3}, Paul Hill³, Gearoid Fitzgerald³, Shane Flood³, Barry Hennigan³, Gavin J Blake¹, Mark Spence^{1,2}, Robert A Byrne^{1,2}
¹ *Cardiovascular Research Institute (CVRI) and Department of Cardiology, Mater Private Network, Dublin, Ireland*
² *RCSI School of Medicine and Health Sciences, Dublin, Ireland*
³ *Mater Private Network, Cork, Ireland*
- 92. Implications of negative fractional flow reserve and non-hyperemic indices results in contemporary clinical practice**
Ailis Pollock, Katie Kenny Byrne, Roisín Walshe, Brian Cunneen, Robert O'Dowling, Aoife Power, Bradley Woolfenden, Richard Armstrong, Bryan Loo
Tallaght University Hospital, Dublin, Ireland

KEYNOTE SPEAKER BIOGRAPHIES



THEOFANIE (FANIA) MELA

Theofanie (Fania) Mela, MD is currently an Associate Professor in Medicine, Harvard Medical School, Boston, MA. She is a Staff Cardiac Electrophysiologist, the Director of Pacemaker and ICD Clinic, and Director of Lead Management Program at Massachusetts General Hospital, Boston, MA. She graduated from the University of Athens School of Medicine, Athens, Greece, and completed her residency in St. Elizabeth's Medical Center, Tufts, Boston, MA. She undertook her fellowship training in CV Medicine in the University of Massachusetts Medical Center, Worcester, MA, and her cardiac electrophysiology training Massachusetts General Hospital, Boston, MA



CAROLYN HO

Carolyn Ho is the medical director of the Cardiovascular Genetics Center at Brigham and Women's Hospital (BWH). A cardiovascular medicine specialist, she is also a Professor of Medicine at Harvard Medical School (HMS).

She received her medical degree from HMS. She then completed an internal medicine residency and a cardiology fellowship at BWH. Ho is board certified in internal medicine and cardiovascular disease.

Ho's clinical interests include cardiomyopathy, echocardiography, and cardiovascular genetics. The author of over 30 peer-reviewed publications, her research focuses on characterising early phenotypes of sarcomere mutations in inherited cardiomyopathies and developing clinical trials to diminish the progression of hypertrophic cardiomyopathy.



ANDRÉ NG

André Ng trained in Medicine at the University of Glasgow where he obtained his PhD in Cardiology and Physiology before becoming Clinical Lecturer at the University of Birmingham. He was appointed Senior Lecturer at the University of Leicester in 2002 and Honorary Consultant Cardiologist and Electrophysiologist at Glenfield Hospital, Leicester. In 2013, he was awarded a Personal Chair and became Professor of Cardiac Electrophysiology, followed by Head of Department of Cardiovascular Sciences at the University of Leicester since 2020. He is Director of the new Leicester British Heart Foundation (BHF) Centre of Research Excellence as well as co-Director of the BHF four-year PhD programme at Leicester. He is a clinical expert in heart rhythm management and champions innovation in clinical interventions. Ng is a recognised leader in early technology evaluation in cardiac electrophysiology, in particular new mapping tools and ablation catheters. He has proctored at many centres worldwide on novel electrophysiology technologies and is director of international training courses. He leads a multidisciplinary team of researchers spanning preclinical, clinical and engineering / mathematical science with funding from the BHF, Medical Research Council, National Institute for Health and Care Research and European Space Agency. He is President of the British Cardiovascular Society.

**CECILIA LINDE**

Cecilia Linde is a Professor in Cardiology at Karolinska University Hospital and the Karolinska Institutet in Stockholm, Sweden. She was previously head of Cardiology at the Karolinska University Hospital. Her research focuses on devices such as cardiac resynchronisation therapy (CRT) and epidemiology in heart failure. She was the principal or co-principal investigator of international Randomised controlled studies on cardiac resynchronisation therapy CRT for heart failure such as the MUSTIC, REVERSE, MIRACLE-EF and in cardiac contractility modulation trials such as the CCM HFpEF study. She has previously been the director of the Swedish Pacemaker and ICD registry. She is currently the President Elect of the European Society of Cardiology (ESC) 2024-2026 with special focus on Advocacy. Linde contributed to many guidelines of European Heart Rhythm Association and Heart Failure Association. She has authored over 300 papers, reviews and editorials covering a wide variety of topics and is the executive editor for the topic heart failure of European Heart Journal.

**SANDRA J LEWIS**

Sandra J. Lewis, MD, FACC, practices cardiology at Legacy Health in Portland, Oregon, where she previously led a multispecialty cardiology group for 25 years. She is past Governor of the Oregon Chapter of the ACC, past Chair of the ACC Section Steering Committee, past Chair of the ACC HeartPAC, past Chair of the Women in Cardiology Section of the ACC, past Chair of the ACC Ethics and Compliance Committee, and member of the Health Affairs Committee. Additionally, recognising the untapped potential for mid-career women cardiologists to develop leadership skills, she initiated the SJL Mid-Career Women's Leadership Institute.

She is a graduate of Stanford University School of Medicine, where she completed her internship, residency and cardiology training. She was a recipient in the inaugural year of the ACC Merck Research Fellowship.

Lewis was an investigator in landmark clinical trials, including SAVE, PROVE-IT, TNT, Jupiter and the CARE trial, where she authored or co-authored multiple subgroup analyses. She authored the third ACC Professional Life Survey, co-authored papers on Sex Differences in Ischemic Heart Disease, The Pregnant Cardiologist, Building Heart Centers for Women, and Career Preferences and Perceptions of Cardiology Among US Internal Medicine Trainees. She was named by Good Housekeeping as one of the 44 top cardiac doctors for women and has been recognised over many years on Castle and Connolly's "America's Top Doctors" list.

**ROBERT M CALIFF**

Robert M. Califf, MD, MACC is a distinguished physician, researcher, and leader in clinical and regulatory science. He twice served as Commissioner of Food and Drugs (2016-2017, 2022-2025) and is currently an Instructor in Medicine at Duke University. Between his FDA appointments, he led medical policy and strategy at Verily and Google Health. A nationally recognised expert in cardiovascular medicine and clinical research, Califf was a long-time professor and vice chancellor at Duke, where he founded the Duke Clinical Research Institute. He is a member of the National Academy of Medicine and has published over 1,200 peer-reviewed articles.



GARRET FITZGERALD

Garret FitzGerald is the McNeil Professor in Translational Medicine and Therapeutics at the University of Pennsylvania in Philadelphia, where he directs the Institute for Translational Medicine and Therapeutics. Previously, he chaired the Department of Systems Pharmacology and Translational Therapeutics for more than 20 years. FitzGerald's research has been characterised by an integrative approach to elucidating the mechanisms of drug action, drawing on work in cells, model organisms and humans. His work contributed fundamentally to the development of low-dose aspirin for cardioprotection. FitzGerald's group was the first to predict and then mechanistically explain the cardiovascular hazard from NSAIDs. He has also discovered many products of lipid peroxidation and established their utility as indices of oxidant stress in vivo. His laboratory was the first to discover a molecular clock in the cardiovascular system and has studied the importance of peripheral clocks in aging and in the regulation of cardiovascular and metabolic function. FitzGerald has received the Boyle, Coakley, Harvey and St. Patrick's Day medals, the Lucian, Scheele, Spector and Hunter Awards and the Cameron, Taylor, Herz, Lefoulan Delalande, and Schottenstein Prizes. He is a member of the National Academy of Medicine, an honorary member of the Royal Irish Academy and the UK Academy of Medicine, a member of the Leopoldina and of the Accademia dei Lincei, a Fellow of the American Academy of the Arts and Sciences and of the Royal Society. He holds honorary degrees from UCD and RCSI in Dublin, Frankfurt, Edinburgh and King's College, London.



BENJAMIN FREED

Benjamin Freed is a cardiologist at Northwestern Memorial Hospital and an Associate Professor in the Department of Medicine at Northwestern University's Feinberg School of Medicine. He has been the Program Director of the Northwestern Cardiovascular Fellowship Program since 2019 and is the current Governor for the Illinois Chapter of the American College of Cardiology (ACC). Freed specialises in cardiovascular imaging including echocardiography, cardiovascular magnetic resonance imaging, and cardiac CT. He is an active member of the ACC, American Society of Echocardiography (ASE), and Society of Cardiovascular Magnetic Resonance (SCMR). His clinical interests include heart failure with preserved ejection fraction, pulmonary hypertension, scleroderma cardiac disease, and right ventricular disease. His research interests include understanding the mechanism behind right heart failure in patients with pulmonary hypertension using non-invasive imaging techniques.

Freed received his Bachelor of Science Degree in Biopsychology and Cognitive Science at the University of Michigan in Ann Arbor. He received his Medical Degree at the University of Chicago Pritzker School of Medicine and completed his internship, residency and cardiovascular fellowship at the University of Chicago. Freed completed his advanced cardiovascular imaging fellowship at the University of Chicago as well where he focused on two and three-dimensional echocardiography, cardiovascular MRI and cardiovascular CT. He regularly presents at both national and international meetings in the fields of cardiovascular MRI, echocardiography and pulmonary hypertension.

**MARK PETRIE**

Mark Petrie is Professor of Cardiology in the School of Cardiovascular and Metabolic Health at the University of Glasgow, and a cardiologist at Glasgow Royal Infirmary, UK. Petrie's has a high-volume clinical practice within a large heart failure team. Mark worked as an interventional and heart failure/transplant cardiologist for many years before transitioning to an academic post. His research interests focus on diabetes and cardiovascular disease, intervention in heart failure, AF ablation in heart failure, subcutaneous furosemide in heart failure, devices in heart failure, revascularisation in heart failure, peripartum cardiomyopathy, inflammation in heart failure, microvascular disease in heart failure with preserved ejection fraction, obesity and heart failure, cardiac remodelling, iron in heart failure and cardio-oncology.

Mark has leadership roles in many trials including MARITIME, SYMPHONY, Subcut HF 1 and 2, STICH, STICH 3.0, REVIVED, DAPA-HF, EMPACT-MI, HERMES, CRAAFT-HF, STEP-HFpEF, REALIZE-K, EMPRESS-MI, IRONMAN, PARADISE-MI, FINEARTS and has chaired or been a member of over 40 Clinical Events Committees for major trials Including EMPAREG-OUTCOME and DELIVER). Mark has published over 410 original publications, many in high impact factor journals such as NEJM, Lancet, JAMA, Circulation and JACC.

Mark is a Board member of the Heart Failure Association of the European Society of Cardiology and chairs its HFpEF/ HFmrEF group. He is a Board member of the British Society of Heart Failure. He co-chairs the Scottish Cardiac Audit Programme and chairs the Clinical Board of the Pumping Marvellous Foundation. Mark is the Deputy Editor of the European Journal of Heart Failure.

**JOHN SHEEHAN**

John Sheehan is a Consultant Clinical Radiologist with expertise in digital health innovation and transformative healthcare leadership. He has refined his clinical skills through fellowships at Northwestern Memorial Hospital in Chicago and strategic roles at Blackrock Health, Dublin, Mobile Medical Diagnostics (MMD), and xWave Technologies.

John frequently addresses healthcare and technology issues, including AI, AR, data analytics, cybersecurity, and the legal and ethical aspects of medical practice. He co-chairs the American Irish Medical Summit and the Digital Health Symposium at the United Nations General Assembly.

His leadership positions, including Clinical Director at MMD, Clinical Advisor at xWave, and Vice Chair of Ireland's Digital Health Association, reflect his commitment to AI-driven diagnostic advancements and enhancing community healthcare.

John champions a healthcare ethos centred on accessibility, equity, and integration, leveraging digital innovations to dismantle barriers in patient care. He is dedicated to mentorship, nurturing a culture of disruptive thinking and compassionate action among healthcare professionals.

Balancing his career and family life, John enjoys music, gardening, and photography.

His vision is to revolutionise healthcare into a universally accessible and equitable right.

**KEN MCDONALD**

Ken McDonald is Clinical Professor at UCD and Consultant Cardiologist at St Vincent's Healthcare Group. He graduated from UCD in 1981 and carried out his cardiology training in Ireland and at the University of Minnesota in the USA. He went on staff in the Department of Cardiology in Minnesota in 1991 returning back to Ireland in 1998 to take up his present position.

McDonald has a subspecialty interest in heart failure and in particular in prevention of heart failure, biomarkers and health care delivery in this area. He has been the Director of the Heart Failure and STOPHF units at St Vincent's and St Michaels since their development and has authored in excess of 200 papers. He is an ex-President of the Irish Cardiac Society and is presently co-clinical lead of the HSE National Heart Programme.

**JOSEPH GALVIN**

Joseph Galvin graduated from RCSI, Dublin in 1988 and trained in Dublin, Albany, NY, Burlington, VT and Mass General Hospital, Boston where he was appointed as a Cardiac Electrophysiologist and Director of Cardiac Pacing before returning to the Mater and Connolly Hospitals in Dublin. His primary interests have been cardiac arrhythmias, catheter ablation and the prevention of sudden cardiac death. He set up the Mater's Family Heart Screening Clinic in 2007 and along with his colleagues, set up the Irish Inherited Cardiac Conditions Network in 2019. He helped set up the Mater's Cardiac Genetics service and the country's first accredited gene sequencing service at the Mater in 2020. His research interests include novel catheter ablation and pacing techniques and phenotype genotype correlation in Inherited cardiac conditions. He is presently co-clinical lead of the HSE National Heart Programme.

Thursday, 16 October



**Annual Scientific Meeting of the
Irish Nurses Cardiovascular Association**
in association with Irish Cardiac Society



**Irish
Cardiac
Society**

09.00–09.30	<i>Registration and Coffee</i>
09.30–09.35	Welcome & Opening Address: Ms Sinéad Teehan, President, INCA
09.35–09.45	Welcome: Prof Brendan McAdam, President, Irish Cardiac Society
09.45–10.15	Abnormal LA strain is associated with acute ischaemic stroke in fast positive patients without A Fib: Dr Robert Trueick, SPR, Cardiology, St James Hospital, Dublin
10.15–10.35	Legal, ethical and professional issues in a digital era and ACNAP membership: Norma Caples, ANP Heart Failure, University Hospital Waterford and Chair of Membership committee, ACNAP
10.35–11.00	Palliative care integration in heart failure, the PAIR HF project: Emer Burke, ANP Heart Failure, Galway
11.00–11.30	<i>Break</i>
11.30–11.45	Bursary Winner – Overview of Aortic Nurses Symposium Birmingham & SCTS Conference Edinburgh: Michelle Brennan, Staff Nurse Cardiac ICU, St James Hospital, Dublin
11.45–12.05	The feasibility and potential impact of Cardiac Brief Intervention (CABIN) on patients following ST-elevation myocardial infarction; a pilot randomised controlled trial: Dr Gemma Caughers, Queens University Belfast
12.05–12.40	Practical management of cardiac emergency in the ED with handheld ultrasound and artificial intelligence: Mr Paul Stoneman, ANP Cardiology, Beaumont Hospital, Dublin
12.40–13.00	Living with a Cardiac Condition: Patient representative
13.00–13.45	<i>Lunch / Networking / Poster viewing</i>
13.45–14.15	Preparing for publication: protection against pitfalls: Dr Rosemarie Derwin and Dr Mary Mooney, Trinity College, Dublin
14.15–14.35	Update on lipid management: Ms Fiona Colbert Donaghey, ANP Emergency Cardiology, Beaumont Hospital, Dublin
14.35–14.50	The Global Cardiovascular Collaborative: Mr AJ Hale, VP of Programs, Dennis and Jane Reese Foundation; Chairman of Global Cardiovascular Collaborative
14.50–15.00	Announcement of Best Poster, and Close: Ms Sinéad Teehan, President, INCA

Friday, 17 October



26th Annual Cardiac Physiology Meeting
at Irish Cardiac Society Annual Scientific Meeting 2025



09:15 *Opening of Meeting* – **Sharon Donohue**, President IICMP

Session I	CHAIRS: Lorna Doran (TUD) and Irene Flynn (Bons Secours Hospital, Limerick)
	09.20–09.40 Congenital Atrial Septal Defects Lisa Doolan , Senior Cardiac Physiologist, Mater Misericordiae University Hospital
	09.45–10.10 Cardiac Constriction Dr Katie Murphy , Consultant Cardiologist, Mater Misericordiae University Hospital Ana Safara , Chief I Cardiac Physiologist Mater Misericordiae University Hospital
	10.20–11.00 National Review – Sharon Donohue , Chief II Cardiac Physiologist, St. Vincents University Hospital Membership, Exams & Newsletters – Robbie Ryan , Chief II Cardiac Physiologist, Mater Misericordiae University Hospital

11.05 *Coffee & trade stands*

Session II	CHAIRS: Robbie Ryan (MMUH) and Ashling Duggan (CUH)
	11.25–11.30 CRM and EP in Ethiopia AJ Hale , VP of Programs for the Dennis and Jane Reese Foundation, Chairman of Global Cardiovascular Collaborative
	11.30–11.50 Echo Service Review & Panel Discussion – BSE Guidelines for ordering Echo and Grading of Lists Ana Safara , Chief I Cardiac Physiologist, Mater Misericordiae University Hospital Grace Ward , Senior Cardiac Physiologist, Midlands Regional Hospital Portlaoise Natasha Daly , Chief Cardiac Physiologist, University Hospital Kerry
	11.50–12.20 Review of Published Pacing Papers Jack McCabe , Chief I Cardiac Physiologist, Mater Private Hospital Donal O’Dea , Chief I Cardiac Physiologist Tallaght University Hospital Aisling Duggan , Chief II Cardiac Physiologist, Cork University Hospital
	12.25–12.40 EP Cardiac Neuro Ablation Case Study Eimear Chapman , Senior Cardiac Physiologist, Mater Misericordiae University Hospital
	12.45–13.15 Student Presentations: Name TBC , Atlantic Technological University; Name TBC , Atlantic Technological University; Name TBC , Technological University Dublin

13.15 *Lunch and trade stands*

Session III	CHAIRS: Emma Murphy (CUH) and Donal O’Dea (TUH)
	14.00–14.50 Interesting Diagnostic Cases & Advanced Practice Suresh Vegi , Galway University Hospital Jack O Tuathail , Mater Misericordiae University Hospital Aoife Quinlivan , University Hospital Limerick
	14.55–15.25 HRI (HEART Rhythm Ireland) CRM database Integration – The Future Sharon Donohue , Chief II Cardiac Physiologist, St. Vincents University Hospital
	15.30–16.00 Pacing Quiz – Abbott

16.00 *Closing* – **Donal O’Dea**, Chief I Cardiac Physiologist, Tallaght University Hospital

The Irish Cardiac Society acknowledges the support of the following companies.
Supporting companies have had no input, influence or control over the agenda, content development, choice of speakers, or meeting format.





**Irish
Cardiac
Society**

FICS (hon) Recipients 2025

**The Society is delighted to bestow the honour of Fellow of the
Irish Cardiac Society – FICS (hon) to the following recipients:**

Robert Califf

Garret FitzGerald

Ben Freed

David Keane

Sandra Lewis

Cecilia Linde

Ian Menown

David Mulcahy

Richard Sheahan

Awarded in absentia:

Niall Herity

Christopher Kramer



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SAVE THE DATE: **Irish Cardiac Society Annual Scientific Meeting**
15-17 October 2026
Killashee Hotel, Kildare