



Irish Cardiac Society

A white ECG (heart rate) line graphic that starts on the left, has two peaks, and then continues as a horizontal line. It passes behind a white circle containing the text '68th'.

68th

ANNUAL SCIENTIFIC MEETING & AGM

5–7 October, 2017

Derry ~ Londonderry, Northern Ireland

www.irishcardiacsociety.com



Irish Cardiac Society

68TH ANNUAL SCIENTIFIC MEETING & AGM

Thursday, 5 October – Saturday, 7 October 2017
Millennium Forum, Derry~Londonderry, Northern Ireland

Preliminary Programme

Thursday, 5 October 2017

SESSION 1: INTERVENTIONAL SUBGROUP MEETING

Chairs: Prof Tom Kiernan / Prof Aaron Peace

18.30–21.00 **Presentation & Review of Clinical Case Studies**

SESSION 2: ELECTROPHYSIOLOGY SUBGROUP MEETING

Chair: Prof David Keane

18.30–21.00 **Presentation & Review of Clinical Case Studies**

PLEASE NOTE:

The above two sessions take place in the **City Hotel**.

All other sessions take place in the **Millennium Forum**.

Friday, 6 October 2017

08.30–08.55 **Registration**

08.55–09.00 **Welcome** from Dr Albert McNeill, President

SESSION 3

Chair: Prof Ken McDonald

09.00–09.30 **HEART FAILURE: CURRENT THERAPIES AND NEW HORIZONS**

Dr Mary Norine Walsh,
President, American College of Cardiology

09.30–10.20 **ORAL PRESENTATIONS**

1. THE POTENTIALLY INAPPROPRIATE MEDICINES IN HEART FAILURE TOOL: APPLICATION IN AN IRISH LONG-TERM CARE SETTING

¹S Hadidi, ¹D O'Sullivan, ²D O'Mahony, ³E Darweesh,
¹S Byrne, ¹M Bermingham

¹Pharmaceutical Care Research Group, School of Pharmacy, University College Cork

²Department of Geriatric Medicine, Cork University Hospital, Ireland

³Future University, Egypt

2. HEART FAILURE VIRTUAL CONSULT: TECHNOLOGY TO IMPROVE HEART FAILURE CARE IN THE COMMUNITY

¹S James, ¹J Gallagher, ²C Keane, ¹A Fitzgerald,
¹B Travers, ²M Ledwidge, ¹K McDonald

¹Heart Failure Unit, St Vincent's University Hospital, Dublin, Ireland

²Heart Beat Trust, Dun Laoghaire, Dublin, Ireland

3. IS HYPOKALAEMIA DURING ACUTE EXACERBATIONS OF HEART FAILURE PREDICTABLE OR PREVENTABLE?

D O'Hare, C O'Connor, Z Coyne, G Balan, C Mac Sweeney, K Tuite, R Murphy, C Daly
St James's Hospital, Dublin, Ireland

4. COMPARISON OF TRANSTHORACIC AND TRANSOESOPHAGEAL ECHOCARDIOGRAPHY IN THE DIAGNOSIS OF INFECTIVE ENDOCARDITIS – A TERTIARY CENTRE EXPERIENCE

¹K Lyons, ²K Bhamidipati
¹Antrim Hospital, Antrim, Northern Ireland
²Southampton University Hospital, Southampton, United Kingdom

5. REAL WORLD EXPERIENCE OF A NOVEL ON-SITE CORONARY CT DERIVED FRACTIONAL FLOW RESERVE ALGORITHM FOR THE ASSESSMENT OF INTERMEDIATE STENOSES

¹P Donnelly, ¹C Orr, ²M Kolossvary, ²J Karady, ¹P Ball, ¹S Kelly, ¹D Fitzsimons, ¹M Spence, ²C Celeng, ³T Horvath, ²B Szilveszter, ⁴HW. van Es, ⁴MJ. Swaans, ¹S McMechan, ¹A Hamilton, ¹S Yarr, ¹J Foster, ²B Merkely*, ²P Maurovich-Horvat*
*Both authors contributed equally to this manuscript
¹Cardiovascular Imaging and Research Department, Ulster Hospital, South Eastern Health and Social Care Trust, Ulster University, Belfast, Northern Ireland
²MTA-SE Cardiovascular Imaging Research Group, Heart and Vascular Centre, Semmelweis University, Budapest, Hungary
³Department of Hydrodynamic Systems, Budapest University of Technology and Economics Faculty of Mechanical Engineering, Budapest, Hungary
⁴St Antonius Hospital, Nieuwegein, The Netherlands

10.20–10.30 **Local Update**

Dr Lana Dixon

10.30–11.00 **Moderated & General Poster Session 1; Exhibition / Coffee**

MODERATED POSTER ABSTRACTS 1

Moderator: Dr John Erwin

6. CAN WE DO BETTER IN IMPROVING END OF LIFE CARE AND SYMPTOM CONTROL IN END-STAGE HEART FAILURE?

V Voon, S Chew, C Craig, D White, E Wong, C Cahill, B Meany, F Twomey, T Kiernan
University Hospital Limerick, Ireland

7. RISK FACTORS FOR THE DEVELOPMENT OF LEFT VENTRICULAR SYSTOLIC DYSFUNCTION IN PATIENTS RECEIVING TRASTUZUMAB THERAPY – A SINGLE CENTRE RETROSPECTIVE REVIEW

¹A McInerney, ¹D Hughes, ²P Morris, ¹BF McAdam
¹Cardiology Department, Beaumont Hospital, Beaumont, Dublin 9, Ireland
²Oncology Department, Beaumont Hospital, Dublin 9, Ireland

8. A RETROSPECTIVE REVIEW OF A CONSECUTIVE COHORT OF PATIENTS TREATED FOR INFECTIVE ENDOCARDITIS: A SINGLE CENTRE STUDY FROM BEAUMONT HOSPITAL

A Buckley, H Khan, C O Connor, J O'Brien, BF McAdam
Beaumont Hospital, Beaumont, Dublin 9, Ireland

9. TAKOTSUBO CARDIOMYOPATHY: A SINGLE CENTRE REVIEW FROM BEAUMONT HOSPITAL EXPERIENCE

B Traynor, V Voon, BF McAdam
Beaumont Hospital, Beaumont Dublin 9, Ireland

10. LEFT ATRIAL ADAPTION IN THE ATHLETIC HEART

¹G King, ²K Coen, ¹J Kirk, ¹C McCormack, ²S Gannon, ¹K Coyle, ¹A Spillane, ¹J Clarke
¹Eaglelodge Medical Centre. Limerick, Ireland
²Aut Even Hospital, Kilkenny, Ireland

GENERAL POSTER SESSION 1**11. ROUTINE PRE-TREATMENT WITH ORAL BETA-BLOCKER FOR OPTIMISATION OF HEART RATES AND TO REDUCE SCAN TIMES PRIOR TO PROSPECTIVELY GATED CT CORONARY ANGIOGRAPHY**

C O'Carroll Lolait, O Buckley, B Loo
Tallaght Hospital, Dublin, Ireland

12. OBSERVATIONS BY TRANSOESOPHAGEAL ECHOCARDIOGRAPHY POST-WATCHMAN IMPLANTATION IN ATRIAL FIBRILLATION: A CAUSE FOR CONCERN?

B Traynor, V Voon, A McInerney, H Hussein, D Foley, BF McAdam
Beaumont Hospital Beaumont Dublin 9, Ireland

13. INCIDENCE AND PREDICTORS OF PULMONARY NODULES AND OTHER SIGNIFICANT EXTRA-CORONARY FINDINGS FOUND ON CT CORONARY ANGIOGRAPHY: A PROSPECTIVE ANALYSIS OF AN UNSELECTED IRISH POPULATION IN A SINGLE CENTRE

B Traynor, S Naimimohasses, I Khan, J Slattery, H Logan, J Cosgrave
Midlands Regional Hospital Mullingar, Co. Westmeath, Ireland

14. THE USE OF SACUBITRIL/VALSARTAN: A REAL WORLD EXPERIENCE IN A HIGH VOLUME SPECIALIST HEART FAILURE SERVICE

G Murray, M Barrett, S Earls, M Hammond, P Campbell, R O'Hanlon, K McDonald
Heart Failure Unit, St Michael's Hospital, Dun Laoghaire, Dublin, Ireland

15. THE RELATIONSHIP BETWEEN THE BUCKBERG INDEX AND FUNCTIONAL CAPACITY IN STABLE CHRONIC HEART FAILURE PATIENTS

T Mannion, L Devaney, S Fall, M Carey, A Jago, S Fay, R Pharithi, E Egom, V Maher
Tallaght Hospital, Tallaght, Dublin 24, Ireland

16. THE INFERIOR VENA CAVA – NOT JUST A HOMOGENOUS TUBE BUT A COMPLEX STRUCTURE WHICH MAY HOLD USEFUL INFORMATION WHEN INTERPRETED CORRECTLY

¹R Murphy, ¹M Barrett, ²R Fox, ²A Patle, ¹K McDonald
¹St Vincent's University Hospital Dublin Ireland
²Heartbeat Trust, Dun Laoghaire, Co. Dublin, Ireland

17. APPROPRIATENESS OF REFERRALS FOR DOBUTAMINE STRESS ECHOCARDIOGRAPHY IN A DISTRICT GENERAL HOSPITAL

M Connolly, K Lyons
Antrim Area Hospital, Antrim, Northern Ireland

18. AN AUDIT OF CT-CORONARY ANGIOGRAPHY USE AND RESULTS FROM THE CHEST PAIN ASSESSMENT UNIT 2016, CONNOLLY HOSPITAL, BLANCHARDSTOWN

L Brandon, K Maleady, M Broughall, J Galvin, J O'Neill
Connolly Hospital Blanchardstown, Dublin, Ireland

19. ELEVATED HEART RATE IN RECENTLY STABILISED HEART FAILURE PATIENTS AND LONG TERM CARDIAC OUTCOMES

N McAleavey, I Menown
Craigavon Heart Centre, Craigavon Area Hospital, Southern Health & Social Care Trust, Northern Ireland

20. CHARACTERIZING DURABLE TARGETS FOR THERAPY IN ASYMPTOMATIC LEFT VENTRICULAR DIASTOLIC DYSFUNCTION BY SEQUENTIAL TWO-DIMENSIONAL DOPPLER-ECHOCARDIOGRAPHY AND CARDIAC MAGNETIC RESONANCE IMAGING

V Voon, D Waterhouse, A Patle, M Badabhagni, R O'Hanlon, K McDonald, M Ledwidge
St Vincent's University Hospital, Dublin, Ireland

21. INITIAL CLINICAL FINDINGS FROM A PROSPECTIVE ROTATIONAL ATHERECTOMY REGISTRY

J Shand, A Peace, A Ramsewak, D Sharma
Western Health & Social Care Trust, Northern Ireland

22. EVALUATION OF A NURSE LED PRIMARY PCI ACTIVATION SERVICE

T Miller, A Canning, A McNeill, A Ramsewak, D Sharma, J Shand, G Davidavicius, P McGlinchey, A Peace
Western Health & Social Care Trust, Northern Ireland

23. A REVIEW OF THE MANAGEMENT OF NON-CULPRIT PCI FOLLOWING PRIMARY PCI FOR STEMI IN A TERTIARY REFERRAL CENTRE

P Wheen, D Cadogan, E McFadden
Cork University Hospital, Cork, Ireland

24. A NON-RANDOMIZED COMPARISON OF TWO PACLITAXEL-COATED BALLOONS FOR THE TREATMENT OF CORONARY IN-STENT RESTENOSIS

¹R Colleran, ¹M Joner, ¹Kufner, ¹F Altevogt, ²F Neumann, ³A Wahab, ³G Richardt, ¹D Giacoppo, ¹S Cassese, ⁴T Ibrahim, ⁴K Laugwitz, ¹H Schunkert, ¹A Kastrati, ¹R Byrne
¹Deutsches Herzzentrum Muenchen, Germany
²University Heart Center Freiburg-Bad Krozingen, Germany
³Segeberger Clinic, Germany
⁴1. medizinische Klinik, Klinikum rechts der Isar, Germany

25. STEMI PATIENTS WITH EJECTION FRACTION 35 PERCENT OR LESS; PERCENT IMPROVEMENT, AVERAGE TIME TO IMPROVEMENT AND OUTCOMES 2014-2017, 2017

N Blake, R Lobo, K Mannix, C Ahern, S Arnous, S Abbas, T Hennessy, I Ullah, A Brennan, T Kiernan
University Hospital Limerick, Limerick, Ireland

SESSION 4

Chair: Prof Aaron Peace

11.00-11.30 IS MINIMALLY INVASIVE VASCULAR SURGERY THE WAY TO PREPARE OUR PROFESSION FOR THE FUTURE?

Prof Hugo Vannerman
Founder and Head of the Cardiovascular Department of the Onze-Lieve-Vrouw Clinic, Aalst Belgium

11.30-12.20 ORAL ABSTRACT PRESENTATIONS 2**26. USE OF A ONE HOUR HIGH SENSITIVITY TROPONIN T MEASUREMENT IN THE INITIAL ASSESSMENT OF PATIENTS PRESENTING WITH CARDIAC CHEST PAIN TO EMERGENCY DEPARTMENTS IN THE BELFAST TRUST**

K Linden, L Swales, S Davenport, J Collins, M Carleton, G McKeeman, P Shortt, N Johnston
Belfast Health and Social Care Trust, Northern Ireland

27. ANGIOGRAPHIC RESTENOSIS AFTER CORONARY STENTING IN PATIENTS WITH PREVIOUS CORONARY BYPASS SURGERY

¹R Colleran, ¹J Michel, ¹T Rheude, ¹S Cassese, ¹D Giacoppo, ¹J Wiebe, ¹J Bohner, ¹P Hoppmann, ²K Laugwitz, ²T Ibrahim, ²A Kastrati, ²R Byrne
¹Deutsches Herzzentrum Muenchen, Germany
²1. medizinische Klinik, Klinikum rechts der Isar, Germany

28. INITIAL EXPERIENCE OF DONEGAL CROSS BORDER PROGRAM BETWEEN LETTERKENNY UNIVERSITY HOSPITAL (ROI) AND ALTNAGELVIN AREA HOSPITAL (NI)

¹G Aleong, ²A Peace, ¹Z Sharif, ¹R Tanner, ¹S Abdallah, ¹S David, ²A McNeill, ³J Crowley
¹Letterkenny University Hospital, Letterkenny, Ireland.
²Altnagelvin Hospital, Derry, Northern Ireland
³Galway University Hospital, Galway, Ireland

29. DEVELOPMENT OF MINIMALLY INVASIVE MITRAL REPAIR PROGRAM

¹M Tolan, ¹E Ryan, ²J F Obadia, ³JMcCarthy
¹Mater Private Hospital, Dublin, Ireland
²Chef de Service Hopital Louis Pradel - CHU Lyon, France
³Mater Hospital / UCD, Dublin Ireland

30. PAST, PRESENT AND FUTURE PRACTICE OF SURGICAL VERSUS TRANS-CATHETER AORTIC VALVE REPLACEMENT: A NORTHERN IRELAND PERSPECTIVE

^{1,2}T Toh, ²U Hamid, ²A Gregg, ²O Nzewi, ²C Austin, ³C Owens, ³G Manorharan, ³M Spence, ²R Jeganathan

¹Queen's University Belfast, Northern Ireland

²Department of Cardiothoracic Surgery, Royal Victoria Hospital, Belfast, Northern Ireland

³Department of Cardiology, Royal Victoria Hospital, Belfast, Northern Ireland

12.20–12.30 **Local Update**

Mr Alastair Graham

12.30–14.00 **LUNCH**

SESSION 5: JOINT IRISH ATHEROSCLEROSIS SOCIETY / IRISH CARDIAC SOCIETY SESSION

Chairs: Prof Vincent Maher
Dr Ian Menown

14.00–14.30 **LDL-C IN HIGH-RISK PATIENTS: FROM "HIGH IS BAD" TO "LOWEST IS BEST"**

Prof Francois Mach
Head of Cardiology, University Hospital Geneva, Switzerland

14.30–15.20 **ORAL ABSTRACT PRESENTATIONS 3**

31. EIGHTS YEARS OF CARDIAC SCREENING IN HIGH RISK IRISH POPULATION

H Sulaiman, H Connaughton, A Reynolds, C Brennan, S Ward

Tallaght Hospital, Dublin 24, Ireland

32. NURSE-LED DC CARADIOVERSION SERVICE AT ALTNAGELVIN AREA HOSPITAL

A Peace, P Hegarty, M McGrellis, A McNeill
Altnagelvin Area Hospital, Derry, Northern Ireland

33. THE DIAGNOSTIC YIELD OF SCREENING FIRST-DEGREE RELATIVES IN SUDDEN ARRHYTHMIC DEATH SYNDROME

¹T Toh, ²C Coyne, ²K Stewart, ²A Muir, ²D McCall

¹Queen's University Belfast, United Kingdom.

²Belfast Health and Social Care Trust, Belfast, Northern Ireland

34. PROTEOMIC AND MICRO RNA BIOMARKER DISCOVERY TO IDENTIFY NOVEL MARKERS OF LEFT VENTRICULAR DIASTOLIC DYSFUNCTION IN PATIENTS WITH DIABETES

¹J O'Reilly, ²G Shashi, ¹C Tonry, ¹L Murphy, ¹J Gallagher,

¹S Pennington, ²T Thum, ¹M Ledwidge, ¹J Baugh,

¹K McDonald, ³C Watson

¹University College Dublin, Dublin, Ireland

²Hannover Medical School, Hannover, Germany

³Queen's University Belfast, Belfast, Northern Ireland

35. THE AMBULATORY CARDIOLOGY UNIT; REDUCTION OF ADMISSIONS AND PATIENT OUTCOMES AFTER 1 YEAR

J Byrne, K Morrison, W Trainor, N McKeag, D McCall
Belfast Health and Social Care Trust, Northern Ireland

15.20–15.30 **Local Update**

Dr Ian Menown / Prof Vincent Maher

15.30–16.00 **MODERATED & GENERAL POSTER PRESENTATION / EXHIBITION / COFFEE**

MODERATED POSTER SESSION 2

Moderator: Dr John Purvis

36. VARIABLE DIAGNOSTIC ACCURACY IN READING ECGS IN A NURSE-LED PRIMARY PCI PATHWAY

A Canning, A Peace, A McNeill, G Aleong, R Bond, D Finlay

West Health & Social Care Trust, Northern Ireland

37. OPTICAL COHERENCE TOMOGRAPHY TISSUE COVERAGE AND CHARACTERIZATION BY GREY-SCALE SIGNAL INTENSITY ANALYSIS POST BIFURCATION STENTING WITH NEW GENERATION BIOABSORBABLE POLYMER EVEROLIMUS-ELUTING STENTS

¹H Hussein, ²H Rai, ²R Colleran, ²E Xhepa, ²S Siniack, ²S Cassese, ²M Joner, ²A Kastrati, ²R A. Byrne, ¹D Foley
¹Beaumont University Hospital, Beaumont, Dublin 9, Ireland
²Deutsches Herzzentrum Munchen (German Heart Centre Munich), Germany

38. ONE-YEAR OUTCOME OF MULTI-VESSEL PCI VERSUS STAGED PCI IN ST ELEVATED MYOCARDIAL INFARCTION

B Prakash Srinivas, V Sullivan, B Gibson, J Cosgrave, P Crean, A Maree, R Murphy
 St James's Hospital, Dublin, Ireland

39. LONG-TERM OUTCOMES OF A RANDOMIZED COMPARISON OF DRUG-ELUTING STENTS VERSUS BARE METAL STENTS IN SAPHENOUS VEIN GRAFT LESIONS – 5-YEAR FOLLOW-UP OF THE ISAR-CABG TRIAL

¹R Colleran, ¹S Kufner, ²J Mehilli, ¹C Rosenbeiger, ¹S Schupke, ³P Hoppmann, ¹M Fusaro, ⁴M Abdel-Wahab, ⁵F Neumann, ⁴G Richardt, ³T Ibrahim, ¹H Schunkert, ³K Laugwitz, ¹A Kastrati, ¹R A Byrne
¹Deutsches Herzzentrum Muenchen, Germany
²Medizinische Klinik und Poliklinik I, Ludwig-Maximilians-Universitaet Muenchen, Germany
³1. medizinische Klinik, Klinikum rechts der Isar, Germany
⁴Herzzentrum der Segeberger Kliniken, Germany
⁵University Heart Center Freiburg-Bad Krozingen, Germany

40. TRANSCATHETER PARAVALVULAR LEAK CLOSURE; A SINGLE CENTRE EXPERIENCE

¹R Tanner, ¹S Hassan, ¹N Ryan, ¹N Murphy, ²P Campbell, ³R Margey, ¹K Walsh, ¹G Blake, ¹I P Casserly
¹Mater Misericordiae University Hospital, Dublin, Ireland
²St Vincent's Hospital, Dublin, Ireland
³Mater Private Hospital, Dublin, Ireland

GENERAL POSTER SESSION 2

41. CARDIOGENIC SHOCK OUTCOMES FOLLOWING PRIMARY PERCUTANEOUS CORONARY INTERVENTION: AN AUDIT OF THE SERVICE AT THE ROYAL VICTORIA HOSPITAL BELFAST

SF McAleer and CG Owens
 Royal Victoria Hospital Belfast, Northern Ireland

42. 1 YEAR CLINICAL OUTCOMES FOLLOWING PRIMARY PCI FOR STEMI IN POST CARDIAC ARREST PATIENTS, WITH COMPARISON TO AN OVERALL STEMI POPULATION

P Wheen, D Cadogan, E McFadden
 Cork University Hospital, Cork, Ireland

43. COMPARING OUTCOMES IN PATIENTS UNDERGOING TAVI: GENERAL ANAESTHETIC VERSUS CONSCIOUS SEDATION

C Lee, I Casserly, E Fahy
 Mater Misericordiae Hospital, Dublin, Ireland

44. SINGLE INSTITUTIONAL EXPERIENCE OF INTERRUPTED AORTIC ARCH REPAIR

A Khan, M Elrih, J McGuinness, L Nolke, M Redmond
 Our Lady's Children's Hospital Crumlin, Dublin, Ireland

45. MITRAL VALVE REPAIR – A SINGLE CENTRE 10 YEARS EXPERIENCE

L Keita, R Weedle, D Veerasingham
 Galway University Hospital, Galway, Ireland

46. ENHANCED PRO-INFLAMMATORY SYSTEMIC RESPONSE AND POTENTIAL VIRAL FACTOR IN CORONARY ARTERY ECTASIA

¹Z Sharif, ¹U Boles, ²A Johansson, ²U Wiklund, ¹S David, ³M Y Henein
¹Cardiology Department, Letterkenny University Hospital, Letterkenny, Ireland
²Molecular Periodontology and Nutritional Research Umea University, Umea, Sweden
³Department of Public Health and Clinical Medicine, Umea University, Umea, Sweden

47. NOVEL INFLAMMATORY BIOMARKERS OF CORONARY PLAQUE INSTABILITY AND RUPTURE

¹A Bajrangee, ²Shanti Mahabir, ³Marian Brennan, ³Dermot Cox, ⁴AO Maree

¹Golden Jubilee National Hospital, Glasgow, Scotland
²Royal Victoria Hospital, Belfast, Northern Ireland
³Royal College of Surgeons in Ireland, Dublin, Ireland
⁴St James's Hospital, Dublin, Ireland

48. EFFECTIVE ATRIAL CONDUCTING SIZE DOES NOT PREDICT HUMAN AF VULNERABILITY

L O'Neill, S Williams, C Sohns, A Metzner, B Reissman, J Whitaker, R Mukherjee, J Harrison, M Wright, S Neiderer, M O'Neill

King's College London, 4th Floor North Wing, St Thomas' Hospital, London, United Kingdom

49. PREVALENCE AND PREDICTORS OF QTC PROLONGATION IN ACUTE MEDICAL ADMISSIONS

JJ Coughlan, G Fitzgerald, M Wafer, C MacDonnell, R Liston

University Hospital Kerry, Kerry, Ireland

50. MACROSCOPIC AND MICROSCOPIC ANALYSIS OF THE LEFT ATRIAL APPENDAGE WITH A VIEW TO A NOVEL ABLATION STRATEGY FOR ATRIAL FIBRILLATION

M Hensey, L O'Neill, C Mahon, A Fabre, D Keane
 St Vincent's University Hospital, Dublin, Ireland

51. DOES DEGREE OF LOW AMPLITUDE ATRIAL VOLTAGE CORRELATE WITH POOR LEFT ATRIAL FUNCTION IN ATRIAL FIBRILLATION?

¹J Jefferies*, ¹K Walsh*, ¹C McGorrian, ^{1,2}E Keelan, ²G Szeplaki^{1,2}J Galvin, ^{1,2}J Keany

*These authors contributed equally to this project.

¹Mater Misericordiae University Hospital, Dublin, Ireland
²Mater Private Hospital, Dublin, Ireland

52. PREVALENCE OF CORONARY ARTERY CALCIFICATION IN PATIENTS WITH EARLY STAGE LUNG CANCER AND MISSED OPPORTUNITIES FOR CARDIOVASCULAR RISK OPTIMIZATION

S Cuddy, S Payne, D Murphy, R Dunne, J Groarke
 Brigham and Womens' Hospital, Boston, USA

53. FAST NOT ALWAYS BETTER – DIABETIC SCREENING AT TIME OF STEMI

D O'Hare, K Mostafa, M Mustafa, M Gorecka, B Hennessey, B MacNeill, J Crowley
 Galway University Hospital, Galway, Ireland

54. THE NLRP3 INFLAMMASOME AND OTHER RELATED RECEPTORS AS POTENTIAL BIOMARKERS IN CORONARY ARTERY DISEASE (CAD) AND MAJOR ADVERSE CARDIAC EVENTS (MACE)

¹L Gallagher, ¹M McCusker, ¹M Chemaly, ^{1,2}A Peace, ²M Gibson, ¹AJ Bjourson, ¹C Kelly, ¹VE McGilligan

¹Northern Ireland Centre for Stratified Medicine, School of Biomedical Sciences, Ulster University, CTRIC building, Altnagelvin Hospital, Derry/Londonderry, Northern Ireland
²Cardiology Department, Western Health and Social Care Trust, Glenshane Road, Derry/Londonderry, Northern Ireland

55. QUALITY OF LIFE IS SIMILAR IN PATIENTS WITH CHRONIC STABLE HEART FAILURE ON EITHER VASODILATING OR NON-VASODILATING BETA BLOCKERS. MODIFIED KANSAS CITY CARDIOMYOPATHY QUESTIONNAIRE

R Pharithi, E Egom, A Maher, S Fall, S Fahy, A Jago, T Mannion, L Delaney, B. Khan, I Yearoo, C Murphy, V Maher

Heart Efficiency Clinic, Cardiology Department, AMNCH Tallaght, Dublin, Ireland

SESSION 6: BRIAN MAURER YOUNG INVESTIGATOR AWARD**Chair:** Dr Albert McNeill**Judges:** Dr John Harold, Prof KK Teo

16.00–17.00 The Brian Maurer Young Investigator Award, is aimed at promising young investigators, to encourage and promote quality and original research in Cardiology. The award is named in honour of the late Dr Brian Maurer who was President of the Irish Cardiac Society from 1988 to 1990 and who, throughout his career, was a strong advocate for research and very supportive to all young cardiologists as they embarked on their careers.

56. THE INFERIOR VENA CAVA – A REPRODUCIBLE AND CLINICALLY USEFUL TOOL IN THE MONITORING AND TREATMENT OF HEART FAILURE WHICH DESERVES GREATER CLINICAL PROMINENCE

¹M Barrett, ²M Iacoviello, ²F Monitillo, ²D Grande, ²C Rizzo, ³A Patle, ³R Fox ¹P Campbell, ³R O'Hanlon, ¹K McDonald

¹St Vincent's University Hospital, Dublin, Ireland

²Polyclinic Hospital of Bari, Italy.

³St Michael's Hospital, Dublin, Ireland

16.00–17.00 **ORAL PRESENTATIONS**

57. THE EFFECT OF REMOTE ISCHEMIC CONDITIONING AND GLYCERYL TRINITRATE ON PERIOPERATIVE MYOCARDIAL INJURY IN CARDIAC BYPASS SURGERY PATIENTS: THE ERIC-GTN STUDY

¹A Hamameh, ²E Hardman, ²P Wicks, ²H Shanahan, ¹H Bulluck, ¹M Ramlall, ¹R Chung, ¹R Bell, ²R Cordery, ¹D Yellon, ^{1,2,3,4}D Hausenloy

¹The Hatter Cardiovascular Institute, University College London, United Kingdom

²Bart's Heart Centre. Health NHS Trust, United Kingdom

³National Heart Research Institute Singapore, National Heart Centre Singapore, Singapore

⁴Cardiovascular and Metabolic Disorders Program, Duke-National University of Singapore, Singapore

58. A RANDOMIZED CONTROLLED TRIAL IN STABLE INTERMEDIATE CORONARY LESIONS AND GREY-ZONE FFR VALUES WITH EVALUATION OF THE DIAGNOSTIC UTILITY OF INVASIVE CORONARY PHYSIOLOGICAL INDICES IN REFERENCE TO PERFUSION MRI. THE GZFFR STUDY

Barry Hennigan, Colin Berry, Damien Collison, David Corcoran, Kenneth Mangion, Richard Good, Margaret McEntegart, Hany Eteiba, Keith Oldroyd
Cork Mater Private Hospital, Cork, Ireland
Golden Jubilee National Hospital, Scotland, United Kingdom

59. SUBCLINICAL DIASTOLIC DYSFUNCTION IS PREVALENT IN DIABETES, PROGRESSES OVER TIME AND MAY REFLECT A HANDICAP IN NATRIURETIC PEPTIDE FUNCTION

G O'Carroll, S Zhou, L McDonald, P Barrett, C Watson, M Ledwidge, V Harkins, J Gallagher, C Keane, K McDonald
St Vincent's University Hospital, Dublin, Ireland

SESSION 7: 2017 IRISH CARDIAC SOCIETY STOKES LECTURE

17.00–18.00 **THE EMERGING EPIDEMIC OF CARDIOVASCULAR DISEASE IN DEVELOPING COUNTRIES**

Prof KK Teo
Professor of Medicine, McMaster University, Canada

18.00–18.30 **AGM**

19.45 **PRE-DINNER RECEPTION – GUILDHALL**

20.30 **GALA DINNER – GUILDHALL**

Saturday, 7 October 2017

SESSION 8: INTERNATIONAL JOINT SESSION

**AMERICAN COLLEGE OF CARDIOLOGY
BRITISH CARDIOVASCULAR SOCIETY
EUROPEAN SOCIETY OF CARDIOLOGY**

Chair: Dr Albert McNeill

09.30–11.00 Are We Following the Guidelines?

Interactive session focusing on the use of guidelines in complicated clinical scenarios – an international perspective. Each panel member will present for twenty minutes, focusing on complex clinical cases within their specialty area, how these were managed and how the management choices selected aligned with local guidelines. Presentations will include questions for attendees around treatment options to allow for live polling and audience participation.

09.30–09.35 Introduction – Dr Albert McNeill

09.35–09.55 Dr Mary Norine Walsh, American College of Cardiology

09.55–10.15 Dr Nick Linker, British Cardiovascular Society

10.15–10.35 Prof Stephan Achenbach, European Society of Cardiology

10.35–11.00 Discussion

11.00–11.30 MODERATED POSTER PRESENTATION / EXHIBITION / COFFEE

MODERATED POSTER SESSION 3

Moderator: Dr Angie Brown

60. UTILITY OF T WAVE AMPLITUDE AS A NON-INVASIVE RISK MARKER OF SUDDEN CARDIAC DEATH IN HYPERTROPHIC CARDIOMYOPATHY

A Sugrue, A Killu, C DeSimone, A Chahal, V Kremen, J Hai, D Hodge, N Acker, J Geske, M Ackerman, S Ommen, G Lin
Mayo Clinic, Minnesota, USA

61. DIAGNOSING CONCEALED BRUGADA SYNDROME; A 5-YEAR INHERITED CARDIAC CENTRE REGISTRY

¹P Brennan, ¹A Kearney, ¹R Topley, ²K Irwin, ³D McCall, ³A Muir

¹Belfast Health and Social Care Trust, Belfast, N. Ireland

²Queens University, Belfast, Northern Ireland

³Inherited Cardiac Conditions Team, Belfast Health and Social Care Trust, Belfast, Northern Ireland

62. GALECTIN-3 AS A MARKER OF UNSTABLE CORONARY PLAQUE

¹A Bajrangee, ²L Arkins, ²M Brennan, ²D Cox, ³AO Maree

¹Golden Jubilee National Hospital, Glasgow, Scotland, UK

²Royal College of Surgeons, Dublin, Ireland

³St James's Hospital, Dublin, Ireland

63. HYPOXIA INDUCES GENE-SPECIFIC EPIGENETIC MODIFICATIONS IN HUMAN CARDIAC FIBROBLASTS WHICH ARE ASSOCIATED WITH THE DEVELOPMENT OF MYOCARDIAL FIBROSIS

¹N Glezeva, ²S Das, ¹B Moran, ¹M Ledwidge,

¹K McDonald, ¹J Baugh, ³C Watson

¹University College Dublin, Dublin, Ireland

²RCSI, Dublin, Ireland

³Queen's University Belfast, Belfast, Northern Ireland

64. SCREENING OF PATIENTS WITH A FAMILY HISTORY OF PREMATURE CORONARY ARTERY DISEASE

Deepti Ranganathan, Cian O'Carroll-Loliat, Rita Kinsella, Ann Reynolds, Deirdre Ward

Tallaght Hospital, Tallaght, Dublin 24, Ireland

SESSION 9: CARDIOLOGY EDUCATION & TRAINING UPDATE

11.30–12.45 **Chairs:** Prof Brendan McAdam / Dr James Crowley

11.30–11.35 Welcome

11.35–12.05 Programme Update

12.05–12.15 Update on Northern Ireland Training Programme

12.15–12.25 Update from Cardiologists of Tomorrow Group

12.25-12.40 Update on Brian McGovern Fellowship

12.40-12.50 **ORAL PRESENTATION SESSION 4**

65. THE WHO, THE WHERE, AND THE WHAT OF THE IRISH CARDIOLOGY HIGHER SPECIALIST TRAINING SCHEME 1998-2016

¹N B Fitzpatrick, ²B Dalton, ¹A O Maree

¹Cardiology Department, St James's Hospital, Dublin 8, Ireland

²Irish Board for Training in Cardiovascular Medicine (IBTCM)

12.50-13.00 **Closing Comments and Conference Close**

ADDITIONAL MEETINGS

13.00-14.00 **MEETING OF ICS PRIMARY / SECONDARY INITIATIVE**



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(Affiliate member)