IRISH CARDIAC SOCIETY

65TH ANNUAL SCIENTIFIC MEETING

16TH – 18TH OCTOBER

SHERATON HOTEL ATHLONE

CO. WESTMEATH, IRELAND
**Thursday October 16th 2014**

**Session 1:** Interventional Cardiology  
Chair: Prof. David Foley  
18.30 – 21.00: Case Reviews

**Session 2:** Electrophysiology  
Chair: Prof. David Keane  
18.30 – 21.00: Case Reviews

**Friday October 17th 2014**

08.30 – 09.00: Registration  
08.55 - 09.00: Welcome from Dr. Donal Murray, President

**Session 3:** Electrophysiology  
Chair: Dr. Peter Kelly  
09.00-09.30: Management of patients with complex arrhythmias: the expanding role of ablation  
Dr. Conor McCann  
Mater Misericordiae University Hospital, Dublin

09.30-10.30: Oral Presentations

1. Arrhythmias detected by implantable loop recorders: a retrospective review of 101 patients  
Beirne AM, McKeag N, Dooley M, Ashfield K, Roberts MJ  
Royal Victoria Hospital

2. Catheter ablation versus medical therapy for patients with symptomatic atrial fibrillation: systematic review and meta-analysis of randomized controlled trials  
¹Clinical Research Facility NUI Galway  
²Mater Misericordiae Hospital
3. Prevalence of ion channel mutations and diagnostic yield of genetic testing in an Irish national sudden cardiac death family screening programme
Tuohy S, Moran D, Buckley U, McGorrian C, Galvin J
Mater Misericordiae Hospital

4. Use of novel oral anticoagulants results in shorter waiting times for elective DC Cardioversion
Collison D, Walsh R, Beecher S, Smyth Y, Crowley J
Department of Cardiology, University Hospital Galway, Galway, Ireland

5. Close relationship of the left atrium to the lungs - a potential hazard during left atrial radiofrequency ablation
Walsh K, Tuite D, Fahy G
Cork University Hospital

6. Rate of infection of cardiovascular implantable electronic devices over a year follow-up at a single Irish center
Adeel M.Y, Matiullah S, Salim T, Humra M, ElHanan M, Cuddy S, Gumbrielle T
Cardiology Department, Beaumont Hospital, Dublin

10.30 – 11.00: Poster Presentation
Exhibition / Coffee

7. Post ICD Implantation – audit of reasons for de-activation of defibrillation therapies
Murphy L, Salim TS, Sheahan R, Gumbrielle T, Mcadam BF
Beaumont Hospital Dublin

8. Spectrum of Long QT gene mutations in the republic of Ireland
1,2Moran D, 3Tuohy S, 4Noonan B, 1Mahon N, 1,5O’Neill J,
6Ward D, 4McGorrian C, 7Green A, 15Galvin J
1Mater Misericordiae Hospital
2Adelaide and Meath Incorporating the National Children’s Hospital Tallaght
3Galway University Hospital
4Mater Family Heart Screening Clinic
5Connolly Hospital
6Cardiac Risk in Young Persons Clinic
7National Centre for Medical Genetics, Crumlin

9. Prospective evaluation of QT prolongation in patients admitted to Beaumont Hospital, Dublin, Ireland
1Bajrangee A, 1Khalifa W, 1Mustafa G, 1Mahabir S,
1McAdam B
1Beaumont Hospital
10. Close relationship of the left main coronary artery to the left atrium - a potential hazard of left atrial radiofrequency ablation
Walsh K, Tuite D, Curtin R, Fahy G
Cork University Hospital

11. Sudden cardiac death; A 5 year analysis in the cardiac risk in younger persons (CRYP) centre
Ward D, Connaughton H, Reynolds A, Mulcahy D
Tallaght Hospital

12. Five years of genetic testing in the cardiac risk in younger persons centre: A retrospective analysis
1Connaughton H, 1Moran D, 2Green A, 1Mulcahy D, 1Ward D
1Tallaght Hospital
2Crumlin Hospital

13. Safety and Cost Effectiveness of Day Case Ablation in Ireland
Bajrangee A, Yxin Chan G, Gough D, G Mustafa, Foley D, Sheahan R
Beaumont Hospital

14. Cardiac catheterisation laboratory activation for primary PCI: cases not leading to intervention. A mixed group in need of a standardised classification
O’ Carroll G, O’ Brien J, Twomey K, Evans L, Kearney P
Department of Cardiology, Cork University Hospital, Cork, Ireland

15. False activation of the cardiac catheterization laboratory for primary percutaneous coronary intervention
1Konje S, 2Yagoub H, 2Aherne C, 2Kiernan T
1University of Limerick
2University Hospital Limerick

16. The use of cardiac troponin in the emergency department - millions wasted?
O’Brien J, Aoko O, Maleady K, Broughall M, Foynes
Reynolds J, Keelan E, Galvin J, O’ Neill J
Connolly Hospital
1Jennings S, 2Bennett K, 3Shelly E, 4Kearney P, 5Daly K, 5Fennell W
1Department of Public Health Dublin
2Department of Pharmacology and Therapeutics St. James’s Hospital
3Cork University Hospital
4University College Hospital Galway,
5Bon Secours Hospital Cork

18. Audit of treatment duration of dual anti-platelet therapy in patients post ACS and Elective PCI. A single centre experience in Beaumont Hospital
Beaumont Hospital

19. 1 year mortality in patients presenting with ST-Elevation Myocardial Infarction- Prediction of outcome using the SYNTAX score
Department of Cardiology, Mater Misericordiae University Hospital, Dublin

20. Changes in STEMI management in Mid-Western Ireland with the advent of modern PCI facilities
1Weitemeyer R, 1Gillen R, 1Murphy S, 2Aherne C, 1Yagoub H, 1Hannigan A, 1Kiernan T
1University of Limerick GEMS
2University Hospital Limerick

21. Management and outcomes of significant non-culprit coronary lesions in STEMI: A retrospective study
1Weitemeyer R, 1Murphy S, 1Gillen R, 2Aherne C, 3Abusalma, Y, 1Yagoub H, 1Hannigan, 1Kiernan T
1University of Limerick GEMS
2University Hospital Limerick
3Galway University Hospital
22. Prospective analysis of serial high sensitivity Troponin T values and correlation with outcomes incorporating cartesian slope mapping as a risk stratification tool
Kiernan T, Barrett M
University Hospital Limerick

Session 4: Revascularisation
Chair: Dr. James Crowley

11.00 – 11.30: Transcatheter Heart Valve Therapies: Looking Forward
Dr. Darren Mylotte
University College Hospital Galway

11.00 – 12.30: Oral Presentations

23. Coronary chronic total occlusions: A 2 year experience from a UK chronic total occlusion registry
1Douglas H, 1Cole B, 1Hanratty C, 2Spratt J, 2Wilson W,
1Walsh S
1Belfast Trust
2Edinburgh Heart Centre

24. Does successful CTO percutaneous revascularization improve anginal symptoms, quality of life and LV systolic function?
Elhanan M, Hamra M, Fitzgerald S, Foley D
Beaumont Hospital

25. Cardiac Troponin testing in the ED: a study of indications, clinical context and impact on treatment
Khan I
Mater University Hospital

26. Frequency and outcome of false activation cardiac catheterisations in a primary percutaneous coronary intervention service
Tweedie J, Forde C, Herity J
Belfast Trust Primary PCI Team

27. Suspected left bundle branch block equivalent STEMI: analysis in a primary PCI programme
O’ Brien J, O’ Carroll G, Twomey K, Evans L, Kearney P
Cork University Hospital

28. Impact of multi-vessel disease on patients receiving percutaneous coronary intervention or thrombolysis for acute STEMI: a retrospective analysis
1Gillen R, 1Weitemeyer 1R, Murphy S, 2Aherne C, 1Yagoub H,
1Hannigan A, 1Kiernan T
1University of Limerick GEMS
2University Hospital Limerick
12.30 – 14.00: Lunch / Exhibition

Session 5: Imaging / Structural
Chair: Dr. Nicola Johnston

14.00 – 14.30: 3D echo imaging and its role in structural intervention
Dr. Bushra Rana, Papworth Hospital Cambridge UK

14.30 – 15.30: Oral Presentations

29. Improvements in radial strain detected by speckle tracking echocardiography in patients with hereditary haemochromatosis following venesection
Byrne D, Walsh JP, King G, Ellis L, McKiernan S, Norris S, Murphy RT
St. James’s Hospital

30. Evaluating the impact of the revision of the taskforce criteria for the diagnosis of arrhythmogenic right ventricular cardiomyopathy (ARVC)
  1Cole B,  1Douglas H,  1Rodden S,  2Horan P,  3Harbison M,  1Johnston N,  1Dixon L
  1Cardiology Department Royal Victoria Hospital
  2Cardiology Department Antrim Area Hospital
  3Queen’s University

31. Prospective study of the Belfast TAVI early discharge algorithm
Belfast Trust

32. Transaortic TAVI is a valid alternative to the transapical approach with comparable procedural outcomes
O’ Sullivan KE1, Segurado R2, Sugrue D1, Hurley J1
1Mater Private Hospital, Dublin
2Centre for Support and Training in Analysis & Research, UCD

33. Impact of mitral regurgitation on clinical outcomes of patients with low-flow, low-gradient severe aortic stenosis undergoing transcatheter aortic valve implantation
O’ Sullivan C
Bern University Hospital

34. Clinical outcomes of patients with low-flow, low-gradient severe aortic stenosis according to treatment modality
O’ Sullivan C
Bern University Hospital

15.30 – 16.00: Poster Presentation
Exhibition / Coffee
35. How effective are our standard tools for predicting new onset AF in a population at risk for Heart Failure
Mahon C, Waterhouse D, O’Hanlon R, O’Connell E, Tallon E, Ledwidge M, McDonald K
St. Vincent’s University Hospital

36. Audit of time in therapeutic range with warfarin in patients with mechanical prosthetic heart valves
Feely O
RCPI

37. The utility of cardiovascular resonance imaging in the assessment of cardiac, pericardial and mediastinal masses: a 3 year experience
Belfast Trust

38. Incomplete right bundle branch block or a longer conduction pathway "A question of sport"
1King G, 2Coen K, 1Gannon S, 1Fahy N, 1Kindler H, 1Clarke J
1Eagle Lodge Cardiology O’ Connell Avenue Limerick
2Aut Even Hospital Limerick

39. Cardiac arrest due to acute coronary syndrome : a 4 year observational study of patient characteristics and outcomes
Gorecka M, Hanley A, Burke F, Nolan P, Crowley J
Galway University Hospital

40. Highly sensitive troponin T allows earlier diagnosis of myocardial infarction but this advantage is not achieved in the real world
Reid L, Shand J
Altnagelvin Hospital

41. An experience of a protocol based approach to the administration of vernakalant hydrochloride for patients undergoing rhythm control strategy for stable, recent onset, non valvular atrial fibrillation
Stoneman P, Sheahan R, Gilligan P, Cuddy S
Beaumont Hospital Dublin

42. Safety of a dual antiplatelet regimen following percutaneous left atrial appendage closure in high risk patients - a single-centre experience
Awadalla M, Hafiz H, Elhanan M
Beaumont Hospital

43. A retrospective analysis of the use of new oral anticoagulants (NOAC’s) in a level 3 hospital
Wheen P, Charles More C, Cotter P E
St. Luke’s Hospital Kilkenny
44. Use and safety of novel oral-anticoagulants (NOACS) in the prophylaxis of stroke in non-valvular atrial fibrillation (NVAF): a review of prescribing practise and outcomes at the Belfast Health & Social Care Trust
Monaghan M, Goodwin K, Proctor B, Jackson M, Monteith C, Manoharan G
Cardiology Royal Victoria Hospital
Pharmacy and Cardiology Royal Victoria Hospital

45. Re-audit of Acute Kidney Injury (AKI) following contrast coronary angiography
Connolly M, McEneaney, Morgan N, Menown IBA, Harbinson M
Cardiovascular Research Unit, Craigavon Cardiac Centre, Southern Trust, N Ireland, BT63 5QQ

46. “It hasn't really impacted on my life, it was only a mild heart attack”. Patients presenting with NSTEMI lack understanding of their illness and have less motivation for lifestyle changes
Donnelly P, Dullaghan L, Fitzsimons D, McGeough M
South Eastern Trust
University of Ulster
Belfast Trust

47. Atrial Fibrillation in the community
Alkhalil M, Cromie N
Mater Hospital, Queen's University Belfast

48. Education in Atrial Fibrillation
Alkhalil M, Cromie N
Mater Hospital
Queen’s University Hospital

49. Cardiac arrest due to cardiovascular disease: the impact of body temperature on cardiac function
Gorecka M, Hanley A, Burke F, Nolan P, Jennings P, Crowley J
Cardiology Department Galway University Hospital, Intensive Care Unit, Galway University Hospital

50. Cardiac stress in Post Brain Injury Patients
Salim TS, Elhanan M, Cuddy S, Byrne R, O’Brien D, McAdam BF
Beaumont Hospital
Session 6: Brian Maurer Young Investigator Award
Chair: Dr. Donal Murray
Judges: Dr. Eric Isselbacher, Dr. Carol Wilson.

16.00 – 17.15: Oral Presentations

51. A comparison of Cardiac Computerised Tomography and Exercise Stress Electrocardiogram Test for the investigation of stable chest pain: the clinical Results of the CAPP Randomised Prospective Trial


Ulster Hospital, South Eastern Health and Social Care Trust, Upper Newtownards Road, Dundonald, Belfast, BT16 1RH.

Queen's University Belfast, Centre for Vision and Vascular Science, Institute of Clinical Science A, Royal Victoria Hospital Belfast, BT126BA.

The Northern Ireland Clinical Trials Unit, Education and Research Centre, The Royal Hospitals, Grosvenor Road, Belfast, BT12 6BA

52. The Relationship of Cigarette Smoking with Inflammation and Subclinical Vascular Disease. The Multi-Ethnic Study of Atherosclerosis


Ciccarone Center for the Prevention of Heart Disease, Johns Hopkins University, Baltimore, MD

Center for Wellness and Prevention, Baptist Health South Florida, Miami Beach, FL

Division of Cardiology, University of Louisville, Rudd Heart and Lung Center, Louisville, Kentucky, USA.

Division of Cardiology, Johns Hopkins University, Baltimore, MD

Radiology and Imaging Sciences, NIH, Bethesda, MD

Cardiology, Wake Forest University Health Center, Winston-Salem, NC

Division of General Medicine, Pulmonary Division; Department of Medicine and Department of Epidemiology, Columbia University Medical Center, New York, NY

Los Angeles Biomedical Research Institute at Harbor-UCLA, UCLA, Los Angeles, CA
53. Epigenetic modifying therapy for the treatment of cardiac fibrosis and hypertrophy

1,2Watson C, 1Horgan S, 1Neary R, 1Collier P, 1Tea I, 1Glezeva N, 2Ledwidge M, 2McDonald K, 1Baugh J

1School of Medicine & Medical Science, UCD Conway Institute, University College Dublin, Belfield, Dublin 4, Ireland
2Chronic Cardiovascular Disease Management Unit, St Vincent’s Healthcare Group/St Michael’s Hospital, Co. Dublin, Ireland

54. Comparison of lesion level decision making in the cath lab using hyperaemic and non-hyperemic pressure wire derived indices of stenosis severity: The Verity-2 Study.


Golden Jubilee National Hospital Glasgow

55. Effect of a polyphenol-rich diet on vascular function and other markers of cardiovascular risk

Noad R, McKinley M, Woodside J, McKeown P

Queens University Belfast

17.15 – 17.35: ICS AGM

17.45 – 18.45: Stokes Lecture

"A Modern Understanding of Thoracic Aortic Aneurysms."

Dr. Eric Isselbacher, Associate Director, MGH Heart Center Massachusetts General Hospital, Boston

19.45: Reception

20.30: Dinner
Saturday October 18th 2014:

08.30 – 09.30: Cardiology Education & Training Update

**Session 7:** Heart Failure
Chair: Prof. Kenneth McDonald

09.30 – 10.00: MCS in advanced heart failure - who, when and how to manage post implant
Dr. Carmel Halley, Our Lady of Lourdes Hospital, Drogheda.

10.30 – 11.00: Oral Presentations

56. The role of doxycycline in asymptomatic left ventricular diastolic dysfunction
1Voon V, 2Watson C, 2Glezeva N, 1Waterhouse D,
1Bermingham M, 3Wang J, 1O’ Hanlon R, 3Gilmer J, 2Baugh J,
1McDonald K, 1Ledwidge M
1St. Vincent’s University Hospital
2The Conway Institute University College Dublin,
3School of Pharmacy and Pharmaceutical Sciences Trinity College Dublin

57. Tetranectin, a potential novel biomarker of heart failure, is expressed within the myocardium and associates with cardiac fibrosis
1Glezeva N, 1O’Reilly J, 1Tea I, 2Collier P, 2Ledwidge M,
2McDonald K, 1Baugh J, 1Watson C.
1UCD Conway Institute, Heart Failure Unit,
2St. Vincent’s Hospital Dublin

58. Identification of a circulating miRNA signature that can differentiate heart failure sub-classes
1Watson C, 2Gupta S, 1O’Connell E, 2Fendrich J, 1Glezeva N,
2Thum S, 1Gallagher J, 1Ledwidge M, 2Thum T, 1McDonald K
1University College Dublin, Ireland
2Medical School Hanover, Germany

59. The impact of natriuretic peptide-based screening and collaborative care on healthcare costs: an analysis of the STOP-HF study
1Ledwidge M, 1O’Connell E, 1Gallagher J, 2Tilson L, 1Voon V,
1Bermingham M, 1Tallon E, 1Watson C, 4O’Hanlon R, 2Barry M, 1McDonald K
1Chronic Cardiovascular Disease Management Unit, St. Vincent’s Hospital Dublin
2National Centre for Pharmacoeconomics St. James’s Hospital
3Conway Institute UCD
4Centre for Magnetic Resonance, Blackrock Clinic Dublin
60. New heart failure diagnosis in the community results in a loss of one month of life per year over five years
1James S, 2Barton D, 2Gallagher J, 2O’Connell E, 2Voon V, 1Waterhouse D, 1Murphy T, 1Ledwidge M, 4O’Hanlon R, 1McDonald K
1St. Vincent’s University Hospital
2Heart Failure Unit, St. Michael’s Hospital Dun Laoghaire
3The Heart Beat Trust Dun Laoghaire
4Blackrock Clinic Dublin

61. Medication adherence in heart failure: is self-report as reliable as objective measures and is there a clinical impact
Bermingham M, O’Hanlon R, McDonald K, Ledwidge M
Heart Failure Unit St. Vincent’s University Hospital Dublin

11.00 – 11.30: Poster Presentation
Exhibition / Coffee

62. The ECG in the diagnosis of heart failure
St. Vincent’s University Hospital

63. "False positive" screens using natriuretic peptide for stage B heart failure have equal risk for subsequent cardiovascular events; a report from the STOP-HF cohort
St. Vincent’s University Hospital

64. In an at risk population, increased naturetic peptide is the strongest predictor of incidence of atrial fibrillation - a report from the STOP-HF cohort
Waterhouse D, Tallon E, O’Connell E, Murphy TM, O’Hanlon R, Ledwidge M, McDonald K, Mahon C
St. Vincent’s Hospital

65. AKI in the management of ADHF: comparison of HF-REF vs. HF-PEF
1Casey C, 1Fitzgerald E, 1Waterhouse DF, 2O’Connell E, 2Murray P, 2Ledwidge M, 2O’Hanlon R, 2McDonald K
1St. Vincent’s University Hospital
2St. Michael’s Hospital Dun Laoghaire

66. Comparison of clinical presenting features of patients admitted with right versus left predominant heart failure. A single large tertiary referral centre retrospective study.
Chatur S, Reynolds S, Barnes T, Howlett J, Campbell P.
Foothills Medical Centre/University of Calgary

67. Heart rate awareness in patients with chronic stable heart failure. A multi-center observational study
68. Validation of the MICE clinical prediction rule in a new diagnostic clinic for community based patients
1O’Connell 2E, James S, 2Murphy T, 3Waterhouse D, 3O’Hanlon R, 3Ledwidge M, 3McDonald K, 3Gallagher J
1Heartbeat Trust
2St. Michaels Hospital
3St. Vincent’s Hospital

69. The impact of heart failure service provided in PHB on patient’s health related quality of life (HRQOL)
1Makki H, 2Nolan C, 2Barton J
1Galway University Hospital
2Portiuncula Hospital

70. Patients with heart failure in the last 12 months of life - a primary care perspective
1McGettigan A, 2O’Hanlon R, 3Ledwidge M, 3McDonald K, 2Gallagher J
1RCPI
2St. Vincent’s Hospital

71. Evaluation of Ivabradine eligibility and prescription in chronic heart failure
1Cole B, 1Brennan P, 1Douglas H, 1Davidson J, 1Lindsay P, 2Noad R, 1Dixon L.
1Cardiology Department, Royal Victoria Hospital
2Cardiology Department, Belfast City Hospital

72. Applying the ideal cardiovascular health metrics to couples: a cross-sectional study in primary care.
O’Flynn AM, McHugh S, Madden J, Harrington J, Perry I, Kearney P
University College Cork

73. The relationship between thyroid dysfunction and advanced lipoprotein cholesterol subfractions: The very large database of lipids-thyroid substudy
McEvoy J
John Hopkins University

74. Associations and outcomes of cardiovascular implantable electronic device infections in a tertiary referral centre
Tweedie J, McGeehan P, Wilson C
Belfast Trust Primary PCI Team

75. Can you die from obstructive sleep apnoea syndrome (OSAS)?
  1O. Carroll G, 2Doody E, 1Vaughan C, 2Doherty L
  1Mercy University Hospital
  2Bon Secours Hospital

76. Hypertension Prevalence, Awareness, Treatment and Control. Should 24 hour Ambulatory Blood Pressure be the Tool of Choice?
  1O’Flynn AM, 2Curtin R, 1Perry I, 1Kearney P
  1University College Cork
  2Cork University Hospital

77. Cardiac Syndrome X in Ireland: Incidence and Phenotype
  1Dollard J, 2Dinan T, 1Kearney P
  1Cork University Hospital
  2University College Cork

Session 8: Surgery / General Cardiology
Chair: Dr. Martin Quinn

11.30-12.00: Cardiac Surgery: Thinking outside the CABG patch.
Johnathan McGuinness, Mater Misericordiae University Hospital, Dublin

78. Infective endocarditis: an eight year retrospective cohort analysis in an Irish tertiary referral centre.
  O’ Connor C, Murphy RT, Crean P, Daly C, Foley B, Maree A, Tolan M, Young V
  St. James’s Hospital

79. Euroaspir IV (European action on secondary prevention through intervention to reduce events): a comparison of Irish and European results
  Neoh S, Fallon N, Storey S, Moran D, Broderick G, Moore D.
  AMNCH

80. A Randomised Controlled Trial to Reduce Pre-Hospital Delay Time in Patients with Acute Coronary Syndrome.
  1McKee G, 1Mooney M, 1O’ Brien F, 1O’ Donnell S,
  2Moser D
  1School of Nursing and Midwifery, Trinity College Dublin.
  2University of Kentucky, Lexington, United States of America

81. A multi-site prospective observational study on the feasibility of opportunistic screening for atrial fibrillation in General Practice in Ireland
  Smyth B, Marsden P, Brennan C, McSharry K, Walsh R,
Cardiac Risk Factors and 6-Year Change in high-sensitivity Cardiac Troponin-T: The Atherosclerosis Risk in Communities Study

1,2 McEvoy JW, 2Lazo M, 2Chen Y, 2Shen L, 3Nambi, 4Hoogeveen RC, 4Ballantyne CM, 1Blumenthal, 2Coresh J, 2Selvin E

1Ciccarone Center for the Prevention of Heart Disease, Johns Hopkins University School of Medicine, Baltimore, MD; 2Department of Epidemiology and the Welch Center for Prevention, Epidemiology and Clinical Research, Johns Hopkins Bloomberg School of Public Health, Baltimore, MD; 3Michael E DeBakey Veterans Affairs Hospital, Houston, TX; 4Department of Medicine, Section of Cardiovascular Research, Baylor College of Medicine and Houston Methodist DeBakey Heart and Vascular Center, Houston TX

Impact of genetic variation in the 5-HT transporter and receptor on platelet function in patients with stable CAD taking aspirin


'St James Hospital

2UCD

3RCSI

13.00 Close of Meeting