



8 Oct 2018, Monday - Scientific Sessions

Oral Abstracts (1) - Hall 7

| Chair: Holly Daw, Nolan Stain | | | London, UK, London, UK |
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| 08:30 | NURSE LED PACING IS HERE: INNOVATION AND TRANSFORMATION | Kiran Patel | Sutton Coldfield, UK |
| 08:45 | THE CLINICAL AND FINANCIAL IMPACT OF A NEW NURSE-LED SERVICE FOR INSERTION OF IMPLANTABLE LOOP RECORDERS AT UHL | Susanne Armstrong | Leicester, UK |
| 09:00 | OPTIMISING THE MANAGEMENT OF POST-SURGICAL TEMPORARY PACING CARE. A REVIEW OF A NOVEL CARDIAC PHYSIOLOGIST LEAD PACING SERVICE | Daniel Meese | Harefield, UK |
| 09:15 | 6 MONTHS PROSPECTIVE AUDIT OF IMPLANTABLE LOOP RECORDERS - WHAT DOES THIS TELL US ABOUT DIAGNOSTIC YIELD ? | Susanne Armstrong | Leicester, UK |
| 09:30 | DEVELOPMENT, IMPLEMENTATION AND AUDIT OF LOCALLY AGREED STANDARDS FOR PERMANENT PACEMAKER FOLLOW-UP | Emma Beaney | Middlesbrough, UK |



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| 09:45 | APPROPRIATE ILR PROGRAMMING IMPROVES DETECTION OF EVENTS AND REDUCES INAPPROPRIATE ALERTS. REDUCTION IN HOME MONITORING WORKLOAD FOR PHYSIOLOGISTS MADE POSSIBLE. | Carrie Little | Swindon, UK |
| 10:00 | Break | | |
| 10:45 - 12:15 | Chair: Larissa Fabritz | | Birmingham, UK |
| 10:45 | ATRIAL FIBRILLATION OPPORTUNITY GAP ANALYSIS TOOL TO AID ALLOCATION OF RESOURCES TO DETECT CASES AND PROTECT AGAINST COMPLICATIONS | Andrzej Orlowski | London, UK |
| 11:00 | REFINING STROKE RISK STRATIFICATION IN LOW RISK PATIENTS WITH ATRIAL FIBRILLATION: DERIVATION OF THE ABCD SCORE FROM A NATIONWIDE MULTI-CENTER REGISTRY | Seung Yong Shin | Birmingham, UK |
| 11:15 | IS SLEEP APNOEA UNRECOGNISED IN PATIENTS WITH ATRIAL FIBRILLATION? | Caroline Broughton | Stoke on Trent, UK |
| 11:45 | INCIDENCE OF LEFT ATRIAL APPENDAGE THROMBUS IN PATIENTS UNDERGOING AF ABLATION IN THE NOAC ERA: IS TOE NEEDED IN LOW RISK PATIENTS? | Mark Taylor | Middlesbrough, UK |
| 12:00 | NON-PULMONARY VEIN TRIGGERS OF ATRIAL FIBRILLATION IN PATIENTS WITH COMPLETE PULMONARY VEIN ISOLATION | Min-young Kim | London, UK |



STARS Take Fainting to Heart: Syncope & PoTs Update - Hall 8a



| Chair: Robert Sheldon, Rose-Anne Kenny | | | Calgary, CA, Eire, IE |
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| 08:30 | Plenary: Models of care for patients with syncope in the acute care sector | Giorgio Costantino | |
| 08:50 | Outcomes of syncope patients | Monica Solbiati | Milan, IT |
| 09:05 | Risk scores for syncope patients in the ED | Venkatesh Thiruganasambandamoorthy | Ottawa, CA |
| 09:25 | Should we manage syncope patients better and less expensively by avoiding admission in majority of cases?' | Neil Sulke | Eastbourne UK |
| 09:40 | Ivabradine & Vasovagal Syncope | Richard Sutton | Monte Carlo, MC |
| 10:00 | Break | | |
| 10:45 | Syncope & Frailty | Rose-Anne Kenny | Eire, IE |
| 11:00 | Norepinephrine transport inhibitors and vasovagal syncope | Satish Raj | Calgary, CA |
| 11:20 | Syncope and heart block: pacemaker versus implantable loop recorder | Satish Raj | Calgary, CA |



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| 11:40 | Vasovagal Syncope; multiple physiologie, multiple syndromes? | Boon Lim | London, UK |
| 12:15 | Break | | |
| Chair: Richard Sutton, Robert Sheldon | | | Monte Carlo, MC, Calgary, CA |
| 13:30 | What is new in the 2018 ESC guidelines for the diagnosis and management of syncope? | Rose-Anne Kenny | Eire, IE |
| 13:50 | Definition and classification of syncopal and non-syncopal forms of transient loss of consciousness | Richard Sutton | Monte Carlo, MC |
| 14:05 | The diagnostic criteria of history taking and initial evaluation | Boon Lim | London, UK |
| 14:25 | Key messages and recommendations | Robert Sheldon | Calgary, CA |
| 14:40 | ESC, ACC, AHA, HRS: what are the differences and are they important? | A John Camm | London, UK |
| 15:00 | Break | | |
| 15:45 | Update on research and guidance in POTS | Blair Grubb | Toledo, USA |



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| 16:00 | How can I diagnose PoTS - history, tests and what they all mean | Nicholas Gall | London, UK |
| 16:15 | A therapeutic approach | Nicholas Gall | London, UK |
| 16:30 | Autoantibodies: quirky finding or future therapy? | Artur Fedorowski | Lund, SE |
| 16:45 | Hypermobility and mast cell activation disorder | Nicholas Gall | London, UK |
| 17:00 | How can a neurologist help - neuropathy, MS, migraines, vertigo, sleep | Paul Cooper | Manchester, UK |
| 17:15 | Close | | |



Paediatric - Hall 8b

| Chair: Joseph de Giovanni, Maria Ilina | | | Birmingham, UK, Glasgow, UK |
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| 08:30 | Causes of sudden death, risk factors and epidemiology in children | Leonie Wong | London, UK |
| 09:00 | Genetics of sudden death screening, techniques, timing, yield rate and recommendations (LQT, CPVT, Brugada, ARVC, HCM, LVNC, DCM) | Dhavendra Kumar | Cardiff UK |
| 09:30 | Screening for Long QT: who should be screened, how should be screened, when and how often? | Jan Till | London, UK |
| 09:45 | Screening for Brugada: who should be screened, how should be screened, when and how often? | Karen McLeod | Glasgow, UK |
| 10:00 | Break | | |
| Chair: Graham Stuart, Orhan Uzun | | | Bristol, UK, Cardiff, UK |
| 10:45 | Screening recommendations for cardiomyopathies ARVC, HCM, LVNC, DCM: who should be screened, how should be screened, when and how often? | Juan Kaski | London, UK |
| 11:30 | Management of inherited sudden death syndromes: Current and emerging therapies | Neil Seller | |



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| 11:45 | Oral abstract presentations | | |
| 11:45 | "PERMANENT PACEMAKER IMPLANTATION AFTER PAEDIATRIC HEART TRANSPLANTATION: RISK FACTORS, INDICATIONS AND OUTCOMES " | Adil Mahmood | London, UK |
| 12:00 | "AETIOLOGY AND OUTCOMES OF PAEDIATRIC OUT-OF-HOSPITAL CARDIAC ARREST SURVIVORS " | Atif Siddiqui | London, UK |
| 12:15 | "PREVALENCE OF LEFT AXIS DEVIATION IN CHILDREN WITH LONG QT SYNDROME " | Sabie Rainton | London, UK |
| 12:30 | Break | | |
| Chair: Jasveer Mangat, Karen McLeod | | | London UK, Glasgow, UK |
| 13:30 | Diagnostic use and interpretation of Holter, event recorders, alivecor and implantable loops: red flags and clinical scenarios | Jasveer Mangat | London UK |
| 14:00 | Utility of treadmill exercise test in the investigation of sudden death syndromes: what are the red flags for HCM, ARCV, CPVT, LQT and Brugada? | Shankar Sadagopan | Southampton, UK |
| 14:30 | HUTT test responses, assessment of autonomic function, heart rate variability, QT variability: scientific and clinical correlations | Dom Hares | Leeds, UK |
| 15:00 | Break | | |



| Chair: Orhan Uzun, Vinay Bhole | | | Cardiff, UK, Birmingham, UK |
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| 15:45 | Unknown ECG tracings and their interpretation in the EP lab: basic principles of EP for non specialists. | Joseph de Giovanni | Birmingham, UK |
| 16:00 | Device primers for non specialist: pacemaker and ICD types, optimum programming principles in newborns, small children and adolescents | Eric Rosenthal | London, UK |
| 16:30 | Pacemaker and ICD related symptoms, clinical problems, unknown tracings, their interpretation and practical solutions. | Graham Stuart | Bristol, UK |
| 17:15 | Close | | |



Master Class Devices (1) - Achieving Optimal CRT - Hall 9

| Chair: Ashish Patwala, Richard Schilling | | | Stoke on Trent, UK, London, UK |
|--|--|------------------|-----------------------------------|
| 08:30 | The CRT implanters perspective | Philip Moore | Watford, UK |
| 09:00 | The Physiologist in CRT Clinic perspective | Stuart Allen | Manchester, UK |
| 09:30 | The HF cardiologist perspective | Colin Cunnington | Manchester, UK |
| 10:00 | Close | | |



GUCH (1) - How Should We Treat Acute Arrhythmias In CHD Patients? - Hall 10b

| Chair: Martin Lowe | | London, UK | |
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| 08:30 | Which patient, which drug, and is there an alternative to amiodarone? | Joseph de Bono | Birmingham, UK |
| 09:00 | Which patients needs ablation, and how do we get the best result? | Arthur Yue | Southampton, UK |
| 09:30 | Which patient needs a device, and which one is best? | Vivienne Ezzat | London, UK |
| 10:00 | Close | | |



Arrhythmia Alliance Session Pacemaker and ICD therapy - past, present, and future - Hall 11



| 08:30 - 10:00 | | Chair: Francis Murgatroyd, Paul Foley | | London, UK, Swindon, UK | |
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| 08:30 | The history of pacemakers - 60 years and going strong | Richard Sutton | Monte Carlo, MC | | |
| 08:50 | His bundle pacing: theory, and tips and tricks for His bundle lead implantation | Zachary Whinnett | London, UK | | |
| 09:10 | His bundle pacing as a treatment for patients with heart failure | Daniel Keene | | | |
| 09:30 | The global experience with Bridge- SVC occlusion balloon | Samer Hakmi | Hamburg, Germany | | |
| 09:50 | Panel discussion/questions | | | | |
| 10:00 | Break | | | | |
| | | Chair: Richard Sutton, Zachary Whinnett | | Monte Carlo, MC, London, UK | |
| 10:45 | State of the Art - Pacemakers and ICDs | Francis Murgatroyd | London, UK | | |
| 11:10 | The future of subcutaneous ICDs | Pier Lambiase | London, UK | | |



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| 11:35 | What will device therapy look like in another 60 years? | Edward Rowland | London, UK |
| 12:00 | Panel discussion/questions | | |
| 12:15 | Close | | |



Master Class Devices (2) - The Big Debate - Hall 9

| Chair: Adrian Morley-Davies | | | Stoke on Trent, UK |
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| 10:45 | All CIEDS are MRI safe-Pro | Charlotte Manistry | London, UK |
| 10:45 | All CIEDS are MRI safe-Ant | Kim Rajappan | Oxford, UK |
| 11:30 | All VVI patients should receive a leadless pacemaker-Pro | Amir Zaidi | Manchester, UK |
| 11:30 | All VVI patients should receive a leadless pacemaker-Ant | Mark Mason | Uxbridge, UK |
| 12:15 | Close | | |



GUCH (2) - Difficult patients and difficult arrhythmias - how can we improve ablation success and reduce complications? - Hall 10b

| Chair: Martin Lowe | | | London, UK |
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| 10:45 | Ebstein's and accessory pathways, and how I avoid the AV node | Sabine Ernst | London, UK |
| 11:15 | Fontan and atrial tachycardia; AP, lateral tunnel and TCPC | Ashley Nisbet | Bristol, UK |
| 11:45 | Right ventricular outflow tract scar and ventricular tachycardia | Arthur Yue | Southampton, UK |
| 12:15 | Close | | |



Young Investigators Competition - Hall 7

| Chair: Andre Ng | | Leicester UK | |
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| | Judge | Aldo Rinaldi | London, UK |
| | Judge | Arthur Yue | Southampton, UK |
| | Judge | Francisco Leyva | Birmingham, UK |
| 13:30 | THE FUTURE OF S-ICD SENSING: 'IMPROVE' SIGNIFICANTLY INCREASES R:T RATIO AND GENERATES UNIVERSAL DEVICE ELIGIBILITY WITHOUT IMPAIRING VF DETECTION | Ben Wiles | Romsey, UK |
| 14:00 | QT INTERVAL AND EXERCISE QT DYNAMICS FROM 58,852 INDIVIDUALS IN UK BIOBANK PREDICT VENTRICULAR ARRHYTHMIAS AND HEART FAILURE | Stefan van Duijvenboden | London, UK |
| 14:30 | MEAN ENTROPY PREDICTS IMPLANTABLE CARDIOVERTER-DEFIBRILLATOR THERAPY USING CARDIAC MAGNETIC RESONANCE TEXTURE ANALYSIS OF SCAR HETEROGENEITY | Justin Gould | London, UK |
| | Break | | |
| 15:45 | A MULTI-CENTRED EVALUATION OF HIGH POWERED ABLATION GUIDED BY ABLATION INDEX: ESTABLISHING ABLATION TARGETS FOR PULMONARY VEIN ISOLATION. | Gurpreet Dhillon | London, UK |



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| 16:15 | CRYOABLATION FOR PERSISTENT AND LONG STANDING PERSISTENT ATRIAL FIBRILLATION: RESULTS FROM A MULTICENTRE EUROPEAN REGISTRY | Vinit Sawhney | London, UK |
| 16:45 | SAFETY AND EFFICACY OF WIRELESS LV ENDOCARDIAL PACING; A MULTICENTRE INTERNATIONAL STUDY EXAMINING REAL WORLD USE OF THE WISE CRT PACING SYSTEM | Ben Sieniewicz | London, UK |



AF Association Improving AF Outcomes in the Lab - Hall 9



| Chair: Richard Schilling | | | London, UK |
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| 13:30 | AF ablation on uninterrupted NOAC therapy: the new standard of care? | Richard Balasubramaniam | Bournemouth, UK |
| 14:00 | The use of Ultra High Density Mapping in treating complex atrial arrhythmias | Steve Murray | Newcastle Upon Tyne, UK |
| 14:30 | What next after STAR AF II: recent randomized Trials of Adjunctive Ablation Strategies for Persistent Atrial Fibrillation | Mark Gallagher | London, UK |
| 15:00 | Break | | |
| 15:45 | Panoramic Mapping for AF: Toys or Useful Tools? | Ross Hunter | London, UK |
| 16:15 | Endocardial Voltage substrate mapping for AF: When, how and why? | Steve Williams | London, UK |
| 16:45 | Hot and Cold Balloons for AF Ablation: their role and limitations | Dhiraj Gupta | Liverpool UK |
| 17:15 | Close | | |



AICC (1) - Risk Stratification In The Cardiomyopathies - Hall 11



| Chair: Amanda Varnava, Sam Mohiddin | | | London, UK, London, UK |
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| 13:30 | The US vs ESC scores in HCM | Kevin Leong | London, UK |
| 13:50 | Current risk stratification in ARVC | Stephen Page | Leeds, UK |
| 14:10 | Can genotyping help risk stratification in DCM? | Tessa Homfray | London, UK |
| 14:30 | DCM: who needs an ICD? | Pier Lambiase | London, UK |
| 14:50 | Session discussion | | |
| 15:00 | Close | | |



Biosense Webster Treatment of Atrial Fibrillation: Are we any closer to curing AF? - Hall 10b



| Chair: Ashley Nisbet | | | Bristol, UK |
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| 13:30 | Biophysics of RF ablation of new ablation modalities to optimize energy delivery in AF ablation | Massimo Grimaldi | |
| 14:15 | Software for analysis of Persistent AF activation: Mapping Workflows and Ablation Strategy | Ross Hunter, Sherry Honerbahksh | London, UK |
| 15:00 | Close | | |



Moderated Posters (1) - Poster Area, Hall 3

Chair: Ashley Nisbet, Prapa Kanagaratnam

Bristol, UK, London, UK



AICC (2) - The Repolarisation Syndromes - Hall 11



| Chair: Elijah Behr , Jan Till | | | London, UK, London, UK |
|-------------------------------|--|----------------|------------------------|
| 15:45 | The clinical spectrum of the early repolarisation syndrome | Andrew Grace | Cambridge, UK |
| 16:05 | The genetic basis of idiopathic VF | Greg Mellor | Cambridge, UK |
| 16:25 | The role for family screening in idiopathic VF | Pier Lambiase | London, UK |
| 16:45 | The role of medical therapy in idiopathic VF | Elijah Behr | London, UK |
| 17:00 | Ablation in idiopathic VF | Sharad Agarwal | Cambridge UK |
| 17:15 | Close | | |



The new SIGN guidelines on Arrhythmias in Coronary Heart Disease - Interactive Area, Hall 3

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| 12:30 | Introduction: the scope of the SIGN guidelines on Coronary Heart Disease | Derek T Connelly | Glasgow, UK |
| 12:40 | Acute treatment of Arrhythmias: What's new? | Derek T Connelly | Glasgow, UK |
| 12:50 | Long-term treatment of Arrhythmias: What's new? | Derek T Connelly | Glasgow, UK |
| 13:00 | What's in the Guidelines for Patients and Carers? | Derek T Connelly | Glasgow, UK |