



Simulator Training

Simulation Training Centre

For the fourth year running, the HRC2018 scientific committee have decided to offer simulation training as part of the programme. This will take place in the simulation training centre in the exhibition and will provide delegates with an opportunity to access high quality training, across a range of simulators.

Below is a list of the simulators available during HRC2018:

Abbott

Through practical simulator experience utilising real-world case examples, complex VT mapping and the utility of Ensite Precision can be explained and discussed in a safe environment.

The simulator station will provide hands on a virtual reality simulator allowing mapping of an ischaemic VT case via the Ensite Precision mapping system; including handling of mapping and ablation catheters, bipolar/unipolar voltage mapping, late potential mapping and fractionation mapping.

Medtronic

The Symbionix lead simulator will provide you with a screen and fluro pedal with a 'body' which is a method of introducing different catheters and guide wires through one end. When you acquire fluoroscopy the screen will show the leads being placed selected via a connected laptop.

The variety of leads included cover IPG, ICD and CRTD implantation scenarios. The choice is yours!

The operator can manipulate the catheters and guide wires and in real time on the screen the leads will behave exactly during implant.

There is the option to use different stylets and guide catheters and there is the ability to virtually deploy active fixation leads.

Biosense Webster

Biosense Webster are providing state of the art simulator sessions to help showcase our CARTO(r) 3 technology. These practical sessions provide a unique hands on experience of our new software CARTO(r) VisiTag Module with Ablation Index, optimised workflows for complex Atrial Tachycardia's or Ventricular Tachycardia's, and an introduction to our newest software; version 6 - ConfiDENSE(tm) Module with Ripple



Mapping . You will also have the opportunity to ask our expert CARTO(r) 3 users technical questions about the modules.

Boston Scientific

These simulators provide hands-on practice of lead implant procedures performed under fluoroscopy in the cath lab in a virtual reality simulated environment. The simulator's technology enables realistic visualization of the anatomy and instrument activity. This is combined with a high-end haptic system for visual and tactile feedback, which realistically mimics the look and feel of actual interventions. The system allows real time creation of continuous fluoroscopy, roadmap imaging, simulation of C-arm and patient's table manoeuvring using a control panel with the ability to store and browse images/sequence acquired. The specific focus for CRM will be on brady lead placement/ICD lead placement and LV lead placement with different coronary sinus anatomies to practice on.

*These simulators will have experienced senior consultants helping with the training

How do I book?

The training will be held in the Simulation Training Centre or on the stands themselves in the exhibition at the following times:

Monday 8th October

14:00-16:00

Tuesday 9th October

09:00-11:00

14:00-16:00

All sessions will last 30 minutes and will consist of a tutorial with an experienced trainer.

To book please email s.kempton@heartrhythmcongress.org.uk

To check for late availability on the day, please report to the Simulator Training Centre during the specified



session times.

Cancellation Policy

Any cancellations should be made at least 24 hours in advance; any delegate who fails to attend a booked session will have any other booked sessions cancelled.

Acknowledgement

Heart Rhythm Congress would like to thank, Abbott, Medtronic, Biosense Webster, and Boston Scientific for providing the simulators and technical support.

7 Oct 2018, Sunday - Patients Day

NEW for 2018!

We will be running two STARS sessions - one dedicated to PoTS and the other dedicated to Syncope and Reflex Anoxic Seizures (RAS).

We are also holding a dedicated CPVT session.

Please note delegates will be able to move freely between all of the below sessions.

AF Association Patients Day - Hall 8b



**Chair: Angela Griffiths,
Matthew Fay**

**Oxford, UK,
Bradford UK**



10:00	Managing weight can be as effective as an ablation - True or False	Prapa Kanagaratnam	London, UK
10:30	Exercise and AF	Angela Griffiths	Oxford, UK
11:00	Living with AF - a patient's experience	Mark Hyem	
11:30	Comfort Break		
11:45	Driving and DVLA guidelines	Matthew Fay	Bradford UK
12:15	When to seek medical attention or intervention with my AF	Matthew Fay	Bradford UK
12:45	Break		
13:30 - 16:00	Chair: Angela Griffiths		Oxford, UK
13:30	AF Association Charity Overview	Trudie Lobban MBE	Chipping Norton, UK
13:35	Medication Interactions	Joseph de Bono	Birmingham, UK
14:00	What is the difference between AF and Atrial Flutter?	Kim Rajappan	Oxford, UK
14:30	CHA2DS2VASc - what does this mean to me?	Prapa Kanagaratnam	London, UK
15:00	CBT how can it help?	Morwenna Opie-Moran	London, UK



15:30 Q and A

16:00 Close



STARS PoTS Patients Day - Hall 7



Chair: Boon Lim, Nicholas Gall			London, UK, London, UK
10:00	Current treatment options for PoTS	Boon Lim	London, UK
10:25	Art and science : a reflection on a life in medicine	Blair Grubb	Toledo, USA
10:50	A Realistic Approach to Exercise Rehabilitation	Nicholas Gall	London, UK
11:15	Comfort Break		
11:30	What might cause PoTS and what might we learn from research that can benefit patients?	Satish Raj	Calgary, CA
11:45	Nutrition and PoTS	Helen Eftekhari	Coventry UK
12:20	STARS and PoTS - our mission on your behalf	Trudie Lobban MBE	Chipping Norton, UK
12:45	Break		
13:45 - 16:15	Chair: Nicholas Gall, Satish Raj		London, UK, Calgary, CA
13:45	Patient experience: finding a way forward	Charlotte Jones	



14:15	Interactive session: building up a self-help toolkit	Morwenna Opie-Moran	London, UK
14:45	My PoTS wish lists	Nicholas Gall	London, UK
15:15	Autoimmune causes of PoTS	Blair Grubb	Toledo, USA
15:45	Q and A		
16:15	Close		



STARS Syncope & RAS Patients Day - Executive Room 2



Chair: Richard Sutton, Robert Sheldon		Monte Carlo, MC, Calgary, CA	
10:05	STARS: let's celebrate its accomplishments during the last 25 years	Richard Sutton, Trudie Lobban MBE	Monte Carlo, MC, Chipping Norton, UK
10:15	Quality of life in patients with Syncope	Jelle DeJong	Amsterdam, Netherlands
10:30	Syncope: what is new and important to you since 2013?	Steve Parry	Newcastle Upon Tyne, UK
10:55	What are all these new wearable or portable devices, and why does it matter?	Rupi Sandhu	Alberta, CA
11:20	Pregnancy & Syncope	Padma Kaul	Alberta, CA
11:30	Comfort Break		
11:45	Syncope and heart block: pacemaker or just watch (carefully)?	Richard Sutton	Monte Carlo, MC
12:15	Putting the person first: a patient is not just blood pressure and heart rate	Blair Grubb	Toledo, USA
12:45	Patient Talk		
13:00	Break		



Chair: Padma Kaul, Rupi Sandhu			Alberta, CA, Alberta, CA
13:45	Syncope and the young	Karen McLeod	Glasgow, UK
14:15	Vasovagal syncope - overlapping disorders	Rose-Anne Kenny	Eire, IE
14:35	Interactive session: what is the best way to interact with doctors?	Boon Lim, Matthew Fay, Padma Kaul, Trudie Lobban MBE	London, UK, Bradford UK, Alberta, CA, Chipping Norton, UK
15:10	Interactive session: plenary summing up	Boon Lim	London, UK
15:40	Questions		
16:00	Close		



Arrhythmia Alliance Patients Day - Hall 8a



Chair: Kim Rajappan			Oxford, UK
10:00	SVT versus PSVT	Kim Rajappan	Oxford, UK
10:30	A patients experience of living with SVT	Mark Asplen	
11:00	Ectopic beats and my anxiety	Boon Lim	London, UK
11:30	Comfort Break		
11:45	Arrhythmia Alliance Charity Overview	Trudie Lobban MBE	Chipping Norton, UK
11:50	How can I help myself with heart failure?	Colin Cunnington	Manchester, UK
12:15	What can I do about Cardiomyopathy?	Stephanie Cruickshank	Surrey, UK
12:45	Break		
Chair: Adam Fitzpatrick			Manchester, UK
13:30	CBT How can it help?	Morwenna Opie-Moran	London, UK
14:00	Living with Heart Failure	Stephanie Cruickshank	Surrey, UK
14:30	Deactivation and Palliative care with ICD	James Fouhy	Clonmel, Ireland



15:00	Palpitations: When to seek medical attention or intervention	Matthew Fay	Bradford UK
15:30	Q and A		
16:00	Close		



Arrhythmia Alliance CPVT Patients Day - Executive Room 1



10:00 - 12:15	Chair: Adam Fitzpatrick		Manchester, UK
10:00	What is CPVT?	Jan Till	London, UK
10:30	Arrhythmia Alliance Charity Overview	Trudie Lobban MBE	Chipping Norton, UK
10:35	A patient's experience of living with CPVT	Shannon Donovan	
11:00	What treatment is available to me with CPVT?	Karen McLeod	Glasgow, UK
11:30	Break		
11:45	Sport and lifestyle advice in CPVT	Belinda Gray	London, UK
12:15	Latest update on device technology for CPVT	James Fouhy	Clonmel, Ireland
12:45	Break		
13:30 - 15:00	Chair: Kim Rajappan		Oxford, UK



13:30	What is Left Cardiac Sympathetic Denervation (LCSD) - how can it help?	Jan Till	London, UK
14:00	What is genetic testing and why will it help?	Leonie Wong	London, UK
14:30	Q&A		



7 Oct 2018, Sunday - Scientific Sessions

EP Traces Course - Hall 10a



Chair: Fakhar Khan, Oliver Segal, Simon Modi

**, London, UK,
Liverpool UK**

11:15 Welcome, course objectives and 'How to approach the unknown tracing'

11:30 EP traces session 1

13:00 Break

13:30 EP traces session 2

15:00 Break

15:15 EP traces session 3

16:45 Break

17:00 EP traces session 4

18:30 Close



8 Oct 2018, Monday - Scientific Sessions

Oral Abstracts (1) - Hall 7

Chair: Holly Daw, Nolan Stain			London, UK, London, UK
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
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	
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



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



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
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	
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



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	
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
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



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	
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	
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, lateraltunnel 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	
	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



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
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
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	
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 Honerbakhsh	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		



Bayer - Managing the Complex Cardiovascular Patient - Interactive Area, Hall 3



10:45 - 12:15	Chair: A John Camm		London, UK
10:45	Defining the complex cardiovascular patient	A John Camm	London, UK
11:00	Novel management of your patients with coronary artery disease	Derek Connolly	Birmingham, UK
11:30	Assessment and treatment of further events: AF and ACS	Azfar Zaman	
11:50	Beyond the clinic - long term management of stroke prevention and vascular protection in primary care	Matthew Fay	Bradford UK
12:10	Summary & Close	A John Camm	London, UK



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

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



9 Oct 2018, Tuesday - Scientific Sessions

EP Masterclass (1) - Hall 10a

Chair: Michael Koa-Wing			Watford, UK
08:30	Mechanisms of tachycardia: implications for diagnosis, mapping and ablation	Richard Schilling	London, UK
09:00	Differential diagnosis: clues before the patient gets to the lab	Michael Fudge	London, UK
09:30	Pearls and pitfalls of diagnostic EP manoeuvres	Louise Malcome-Lawes	London, UK
10:00	Close		



Cases & Traces (1) - Hall 8a

Chair: Archana Rao, John Paisey			Liverpool UK, Southampton, UK
08:30	MULTIPLE PACING ALGORITHMS INITIATING VENTRICULAR TACHYCARDIA	Christopher Monkhouse	
08:42	RECURRENT VF: MAYBE CALL A PLUMBER?	Ben Wiles	Romsey, UK
08:54	HALF A CENTURY OF CONTINUOUS PACING: A LIVING WITNESS TO THE EVOLUTION OF A TECHNOLOGY	Banu Evranos	
09:06	S-ICD OVERSENSING DETECTED BY REMOTE MONITORING USING A NEW ATRIAL FIBRILLATION DIAGNOSTIC ALGORITHM	Andre Jacinto	
09:18	PLEASE DON'T BURN MY NODE	Richard Bennett	
09:30	OUT OF THE BOX THINKING IN CRT WITH A PERSISTENT LEFT SIDED SVC	Will Nicolson	
09:42	WITHDRAWAL OF PACEMAKER THERAPY IN A PACING DEPENDENT PATIENT	Mark Anderson	



Abbott - Innovating Technologies To Improve Patient Outcomes - Hall 8b



08:30	Activate CRT - The next level of CRT	Timothy Betts	Oxford, UK
09:00	Managing HF patients in AF	Pier Lambiase	London, UK
09:30	The Influence of Directionality in High Density Mapping for Complex Arrhythmias - what have we learned so far?	Kim Rajappan	Oxford, UK



Master Class Devices (3) - Device Clinic Challenges - Hall 9

Chair: Andrew Turley, Holly Daw			Middlesbrough, UK, London, UK
08:30	My CRT patient now has AF: what do I do?- pacing vs ablation strategies	Ashish Patwala	Stoke on Trent, UK
09:00	Remote follow up for all CIEDs: Is it worth the extra physiologist resources ?	Matthew Swift	Swindon, UK
09:30	My ICD patient has frequent VT episodes now what?	Stuart Tan	Basildon and Thurrock, UK



New & Improved! Basic Science Zero Jargon Session 2018 - Bench to Bedside - Hall 11

Chair: Gwilym Morris, Malcolm Finlay			Manchester, UK, London, UK
08:30	Session 1 Bench. The patient in a petri dish	Neil Herring	Oxford, UK
09:00	Session 2 Phenomena to mechanism - available model systems and factors determining choice	Andrew Grace	Cambridge, UK
09:30	Session 3 Clinic. Making sense of chaos. The Science, Pseudoscience and Unknowns of Mapping and Burning Unstable arrhythmias	Ulrich Schotten	Maastricht, Netherlands
10:00	Close		



Boston Scientific Can new technologies in EP improve patient outcome? - Interactive Area, Hall 3



08:30 - 10:00	Chair: Sabine Ernst		London, UK
08:30	Rhythmia as a workhorse for left sided work: Tips, tricks and reduced fluoro strategy	Waqas Ullah	Southampton, UK
08:50	Rhythmia: Intricate Maps for targeted ablation	Mark Hall	Liverpool UK
09:10	Mini Electrodes tell us so much more	Ewen Shepherd	Newcastle, UK
09:30	Direct Sense: A valuable new technology for my patients	Reza Wakili	Essen, Germany



Master Class Devices (4) - The 2nd HRC UK EGM championship - Hall 10b

Chair: Stuart Allen		Manchester, UK	
	Panel	Paul Doherty	Solihull, UK
	Panel	Philip Moore	Watford, UK
	Panel	Holly Daw	London, UK
17:15	Close		



Oral Abstracts (2) - Hall 10a

Chair: Elijah Behr			London, UK
13:30	NEURO-SPECIFIC STIMULATION OF THE LEFT ATRIAL GANGLIONATED PLEXUS SITES REVEALS TRIGGERED ATRIAL ACTIVITY	Min-young Kim	London, UK
13:45	THE ET-GP STUDY: ABLATION OF ECTOPY-TRIGGERING GANGLIONATED-PLEXUS WITHOUT PULMONARY VEIN ISOLATION FOR PAROXYSMAL ATRIAL FIBRILLATION	Min-young Kim	London, UK
14:00	CONCURRENT INCREASE OF SYMPATHETIC TONE AND ATRIAL ECTOPIC ACTIVITY PRECEDE THE ONSET OF POST-OPERATIVE ATRIAL FIBRILLATION	Flavia Ravelli	Trento, ITA
14:15	ECG T-WAVE PREDICTORS OF POSITIVE AJMALINE TESTING AND MARKERS OF ARRHYTHMIC RISK IN PATIENTS WITH A POSITIVE AJMALINE TEST	Neil Srinivasan	London, UK
14:30	T-WAVE MORPHOLOGY RESTITUTION PREDICTS ARRHYTHMIC RISK IN THE UK BIOBANK COHORT	Julia Ramírez	London, UK
14:45	DYNAMIC DIASTOLIC ACTIVATION PATTERNS IN HAEMODYNAMICALLY UNSTABLE VT IN A CHRONIC PORCINE INFARCT MODEL UNDER VA-ECMO SUPPORT EXPLAINED BY DETAILED ANALYSIS OF STRUCTURAL INFARCT ANATOMY	John Whitaker	London, UK
15:00	Break		
Chair: Pier Lambiase			London, UK



15:45	CMR EVALUATION OF THE ARRHYTHMIA SUBSTRATE IN PATIENTS WITH ATRIAL SEPTAL DEFECTS	Louisa O'Neill	London, UK
16:00	A COMBINED MRI AND ECG-IMAGING INVESTIGATION TO DETERMINE THE ELECTROPHYSIOLOGICAL MANIFESTATION OF CARDIAC LIGHT-CHAIN AND TRANSTHYRETIN AMYLOIDOSIS	Michele Orini	London, UK
16:15	OUTCOMES OF A NATIONWIDE ELECTROCARDIOGRAPHIC SCREENING PROGRAM TO DETECT CARDIOVASCULAR DISEASE IN YOUNG INDIVIDUALS	Harshil Dhutia	London, UK
16:30	ATRIAL TACHYARRHYTHMIAS FOLLOWING PERCUTANEOUS DEVICE CLOSURE OF SECUNDUM ATRIAL SEPTAL DEFECTS: A SYSTEMATIC REVIEW AND META-ANALYSIS OF 2255 PATIENTS	Vishal Vyas	London, UK
16:45	A NOVEL PROTOCOL OF CONTINUOUS INFUSION OF HEPARIN FOR MAINTENANCE OF STABLE ACT VALUES DURING EP PROCEDURES	Maurizio Renna	Oxford, UK
17:00	ISCHAEMIC AETIOLOGY MODIFIES THE ASSOCIATION OF ATRIAL FIBRILLATION WITH MORTALITY IN PATIENTS WITH HEART FAILURE WITH REDUCED EJECTION FRACTION.	Ben Mercer	Leeds, UK



Cardiac Physiologists - Hall 8a

Chair: Holly Daw, Viki Carpenter			London, UK, Cambridge, UK
13:30	Research opportunities as a cardiac physiologist	John Gierula	Leeds, UK
14:00	BHRS - an update	Jason Collinson	Basildon UK
14:30	Healthcare Science Equivalence and why join the HCPC register	Kate Sanders	Cambridge UK
15:00	Close		



Nurses (1) - Hall 8b

Chair: Angela Hall, Shona Holding		Jersey, UK, Leeds, UK	
13:30	ICD deactivation at home: what our data shows	Wendy Churchouse	Swansea, UK
14:00	TLOC / Syncope service	Jayne Mudd	Middlesborough, UK
14:30	The impact of a designated box change clinic	Helen Eftekhari	Coventry UK
15:00	Close		



Arrhythmia Alliance Session Optimal arrhythmia treatment in 2018 - Hall 9



Chair: Kim Rajappan, Mark Hall			Oxford, UK, Liverpool UK
13:30	Ischaemic VT ablation	Prapa Kanagaratnam	London, UK
13:55	Non Ischaemic VT ablation	Mark Hall	Liverpool UK
14:20	Beyond catheter ablation for VT	Richard Schilling	London, UK
14:45	Panel discussion/questions		
15:00	Break		
Chair: Salwa Beheiry, Gregory Lip			Texas, USA, Birmingham, UK
15:45	New strategies in AF ablation	Salwa Beheiry	Texas, USA
16:10	Optimising anticoagulation for atrial fibrillation	Gregory Lip	Birmingham, UK
16:35	Decision Making in Atrial Fibrillation	Andrew Grace	Cambridge, UK
17:00	Panel discussion/questions		
17:15	Close		





Boston Scientific - S-ICD Therapy - What should we be offering our patients in 2018? - Hall 10b

**Boston
Scientific**

Chair: Timothy Betts			Oxford, UK
13:30	Leaving Hearts Untouched - Should S-ICD be first choice for the majority?	Pier Lambiase	London, UK
13:50	S-ICD Implant Best Practice Praetorian DFT and the Praetorian Score	Reinoud Knops	Amsterdam, NL
14:10	To Sleep or Not To Sleep Anaesthesia Options for S-ICD Implant	Chris Cassidy	Blackpool, UK
14:30	Still Conscious Working Model of Regional block for S-ICD Implantation	Jean-Benoit Le Polain Waroux	Brussels, Belgium
15:00	Close		



AF Association Outcomes Outside The Lab - Hall 11



Chair: A John Camm		London, UK	
13:30	Current Status of Screening for AF: Frequency, Significance and Limitations	Larissa Fabritz	Birmingham, UK
14:00	Genomics in AF management: from bench to bedside	Andrew Grace	Cambridge, UK
14:30	Should Implantable Cardiac Monitors be the standard of care while evaluating AF ablation outcomes	Neil Sulke	Eastbourne UK
15:00	Break		
15:45	Risk factor management in improving AF outcomes: how to translate research to actual outcomes?	Andre Ng	Leicester UK
16:15	The AF studies in the last 12 months that have had the biggest impact on my practice	Derek T Connelly	Glasgow, UK
16:45	Heart Failure and Atrial Fibrillation: should Rhythm Control be the aim in most patients?	Tom Wong	London, UK
17:15	Close		



Moderated Posters (2) - Poster Area, Hall 3

Chair: Boon Lim, Dhiraj Gupta

London, UK, Liverpool UK



Public Health England - Hall 8a

Chair: Jamie Waterall			Birmingham, UK
15:45	The Size of the Prize in Atrial Fibrillation: Doing Things Differently to Prevent Strokes - AT SCALE	Glenda Augustine, Matt Kearney	
16:15	Making the case for improving the identification and management of people with AF	Helen Williams	London, UK
16:45	Smoking cessation CQUIN in acute trusts	Jo Locker	
17:15	Close		



Nurses (2) - Nurses & Allied Health Professionals Session - Hall 8b

Chair: Angela Hall, Shona Holding			Jersey, UK, Leeds, UK
15:45	Advanced ECG interpretation	Pierre LePage	Plymouth, UK
16:15	How do partners of those receiving an Implantable Cardioverter Defibrillator experience episodes of electrical storm (3+ ICD activations within 24 hours)?	Stephanie Cruickshank, Sue Jones	Surrey, UK, London, UK
16:45	Multidisciplinary One Stop Device clinics	Maria Paton	Leeds, UK
17:15	Close		



Heart Rhythm Trainees - Hall 8a

Chair: Ben Wiles		Romsey, UK	
17:30	Accreditation in Electrophysiology and Devices	Andrew Turley	Middlesbrough, UK
18:00	Navigating the Subspecialty Curriculum: A Training Programme Director's Perspective	John Paisey	Southampton, UK
18:30	The Jump from Trainee to Consultant: What I Wish I Had Known	Donah Zachariah	Portsmouth, UK
19:00	Close		



Plenary - Hall 11

Chair: Kim Rajappan		Oxford, UK
The Good - Progress with the diagnosis and treatment of arrhythmias	A John Camm	London, UK
The Bad - Pitfalls & Hurdles	Edward Rowland	London, UK
The Ugly - Challenges in Accessing Arrhythmia Treatments	Richard Schilling	London, UK



BHRS Multicentre Trials Group Session - Hall 6b

17:00	Designing & completing efficient randomized controlled trials	Prapa Kanagaratnam	London, UK
17:15	What can we learn from national Registries-NICOR	Martin Lowe	London, UK
17:30	Summary of progress on current trials, VT and AF projects proposed in April Meeting	M. Tayebjee , Malcolm Finlay, Pier Lambiase	, London, UK, London, UK
17:50	AOB		



10 Oct 2018, Wednesday - Scientific Sessions

Oral Abstracts (3) - Hall 8a

Chair: Paul Foley		Swindon, UK	
08:30	SUCCESSFUL DEVELOPMENT OF A HIS BUNDLE PACING SERVICE IN A DISTRICT HOSPITAL	Andrew Lewis	Swindon, UK
08:45	RISK OF HIGH GRADE AV BLOCK FOLLOWING CARDIAC SURGERY REQUIRING BRADY DEVICE IMPLANTATION, A 3 YEAR EXPERIENCE AT THE UK'S LARGEST TERTIARY CARDIAC CENTRE.	Peter Waddingham	London, UK
09:00	DIFFERENT TECHNIQUES OF CARDIAC LEADS EXTRACTION: 17-YEARS SINGLE CENTER EXPERIENCE	Agostino Piro	Rome, ITA
09:15	TRANSVENOUS LEAD EXTRACTION ON UNINTERRUPTED ANTICOAGULATION: A MULTICENTRE REGISTRY ANALYSES	Vinit Sawhney	London, UK
09:30	FIRST-IN-MAN IMPLANTATION OF A LEADLESS ENDOCARDIAL LEFT VENTRICULAR PACING SYSTEM (WISE-CRT) UTILISING A TRANS-SEPTAL APPROACH	Simon James	Middlesbrough, UK
09:45	FIRST DEGREE ATRIOVENTRICULAR BLOCK IS HIGHLY PREDICTIVE OF SUBSEQUENT PACING IN ELDERLY PATIENTS WITH SYNCOPE: A SINGLE CENTRE RETROSPECTIVE ANALYSIS OF IMPLANTABLE LOOP RECORDER DATA	Nadeev Wijesuriya	London, UK



10:00 Break

Chair: William Foster

**Worcestershire,
UK**

10:45	DEVELOPMENT AND APPLICATION OF A NOVEL MAPPING METHOD TO GUIDE ATRIAL TACHYCARDIA AND ATRIAL FIBRILLATION ABLATION: ARRHYTHMIA MAPPING BY STOCHASTIC TRAJECTORY ANALYSIS OF RANKED SIGNALS (STAR).	Shohreh Honarbakhsh	London, UK
11:00	LOCATION OF ABLATION LESIONS GUIDED BY THE ACQMAP SYSTEM IN ATRIAL FIBRILLATION ABLATION	Darragh Twomey	Middlesbrough, UK
11:15	UTILITY OF ULTRA-HIGH DENSITY ACTIVATION MAPPING FOR ABLATION IN CONGENITAL HEART DISEASE COMPARED TO STRUCTURALLY NORMAL HEARTS	Vinit Sawhney	London, UK
11:30	TARGETED LEFT VENTRICULAR ENDOCARDIAL LEADS FOR CARDIAC RESYNCHRONISATION THERAPY GUIDED BY DETAILED ULTRA HIGH PRECISION HAEMODYNAMIC ASSESSMENT AND HIGH RESOLUTION ELECTROANATOMICAL MAPPING	Charles Butcher	London, UK
11:45	FIRST CLINICAL USE OF NOVEL ABLATION CATHETER INCORPORATING LOCAL IMPEDANCE DATA	Claire Martin	Cambridge, UK



12:00	FIRST SIMULTANEOUS INVASIVE VALIDATION OF ELECTROCARDIOGRAPHIC IMAGING (ECGI) IN INTACT HUMAN HEART WITH EPICARDIAL MAPPING	Adam Graham	London, UK
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Master Class Devices (5) - CRT EGM and ECG's - Interactive Session - Hall 8b

Chair: Stuart Allen		Manchester, UK	
08:30	Appropriate vs Inappropriate CRT/ - Appropriate vs Inappropriate therapies	Lucy Broadhurst, Paul Doherty, William Foster	Rotherham, UK, Solihull, UK, Worcestershire, UK
10:00	Close		



AHSNs - Going further and faster to reduce AF-related Strokes - Hall 9

Chair: Faye Edwards, Helen Williams			London, UK, London, UK
08:30	Overview of AHSN work on AF 2017/18	Faye Edwards, Helen Williams	London, UK, London, UK
	Detect: Finding more AF		
08:40	Community Pharmacy - CareCity	Sotiris Antoniou	London, UK
08:50	General Practice	Ellie Wells	Crawley, UK
09:00	Innovative settings for AF Detection	Alex Lang	
	Protect: Increasing the rate of anticoagulation to reduce stroke risk		
09:10	Health-system-wide approach for improvement and innovation in the management of people with AF through medication optimisation.	Julia Reynolds	
09:20	SOS-AF	Amanda Buttery	Cambridge, UK
	Perfect: Improving the quality of anticoagulation		
09:30	Excellence in Anticoagulant Care	Frances Akor	



09:40	Specialist Pharmacists to optimise anticoagulant therapy	Hannah Oatley	Oxford, UK
09:50	Working with the Industry to Improve AF care	Faye Edwards	London, UK
10:00	Close		



Cases & Traces (2) - Hall 11

Chair: Nick Kelland			Sheffield, UK
Chair: John Paisey			Southampton, UK
08:30	A CHALLENGING CASE OF BROAD COMPLEX TACHYCARDIA & ANOTHER CHALLENGING CASE OF WIDE COMPLEX TACHYCARDIA	M Ibrahim	
08:45	TACKLING TRICKY TACHYCARDIAS IN THE RIGHT ATRIUM	Stephen Murray	
09:00	NARROW COMPLEX TACHYCARDIA - WHAT IS THE MECHANISM?	Claire Martin	Cambridge, UK
09:15	BROAD COMPLEX TACHYCARDIA IN A STRUCTURALLY NORMAL HEART	Richard Ang	
09:30	FLEXCATH (TM) AFTERMATH	Ben Mercer	Leeds, UK
09:45	THREE DISSOCIATED RHYTHMS IN THE ATRIA AFTER RECURRENT ABLATION FOR PERSISTENT ATRIAL FIBRILLATION	Banu Evranos	
10:00	Break		
10:45	NOT SO TYPICAL ATRIAL FLUTTER	Ashley Nisbet	Bristol, UK
11:00	ELECTROANATOMICAL MAPS AND CAUTIONARY TALES	Tom Nelson	



11:15	FINDING THE RIGHT PATHWAY IS THE KEY TO SUCCESS	Adam Graham	London, UK
11:30	ABLATING VENTRICULAR TACHYCARDIA WHEN 12-LEAD ECG LOCALIZATION IS DECEPTIVE	Katarzyna Malaczynska-Rajpold	
11:45	EPICARDIAL ABLATION OF BRUGADA SYNDROME	Adam Graham	London, UK
12:00	A NARROW COMPLEX SHORT RP TACHYCARDIA	Jason Garcia	



Master Class Devices (6) - CRT Personalisation - Hall 8b

Chair: Stuart Allen		Manchester, UK	
10:45	Live CRT personalisation	Holly Daw, Paul Doherty, Philip Moore	London, UK, Solihull, UK, Watford, UK
12:15	Close		



EP Masterclass 2 - Hall 9

Chair: Boon Lim			London, UK
10:45	Mechanisms of complex arrhythmias	Norman Qureshi	Oxford, UK
11:15	Entrainment directions in mapping complex arrhythmias	Shahnaz Jamil-Copley	Nottingham, UK
11:45	Future directions in mapping complex arrhythmias	Vishal Luther	London, UK
12:15	Close		

