



8 Oct 2019, 8 Oct 2019, Tuesday - Scientific Sessions

Master Class EP (1) - Hall 8a

Chair: Ian Wright, Jason Collinson			London UK, Basildon UK
08:30	What every electrophysiologist should know about basic science	Fu Siong Ng	London UK
09:00	The importance of recording techniques for interpreting Epsignals	Eleri Roberts	Manchester UK
09:30	Current trends in 3D mapping	Elaine Lim	London UK
10:00	Close		



Basic Science Primer - Bench to Bedside: scientific frontiers of electrophysiology to make you an (even) better EP - Hall 8b

Chair: Gwilym Morris, Matt Daniels			Manchester UK, Manchester UK
08:30	What has basic science ever done for me, a clinician?	Matt Daniels	Manchester UK
09:00	Why do athletes get arrhythmias, and what can we do (apart from burn them)?	Graham Stuart	Bristol UK
09:30	Data, AI and the android electrophysiologist: Machine learning for you, your patients and your job	Alfonso Bueno-Orovio	Oxford UK
10:00	Close		



Arrhythmia Alliance - Women in arrhythmia care - Hall 9



Chair: Kim Rajappan, Trudie Lobban MBE			Oxford UK, Chipping Norton UK
08:30	Why I went into arrhythmia care - a Physiologist's perspective	Eleri Roberts	Manchester UK
08:50	Why I went into arrhythmia care - an Arrhythmia Nurse perspective	Angela Griffiths	Oxford UK
09:10	Why I went into arrhythmia care - a Electrophysiologist's perspective	Sabine Ernst	London UK
09:30	Debate: Do patients really care whether they are seen by male or female healthcare professionals? - does the care provided by males differ from that delivered by females in the care of arrhythmia patients?		
	Male	Derick Todd	Liverpool UK
	Female	Sabine Ernst	London UK
10:00	Close		



GUCH (1) - New technology and getting the best results for our CHD patients - Hall 10

Chair: Arthur Yue, Nicholas Peters			Southampton UK, London UK
08:30	New mapping systems and how I use them	Ashley Nisbet	Bristol UK
09:00	New ablation tools – more power, more depth?	Neil Seller	Newcastle Upon Tyne UK
09:30	Subcutaneous ICD, leadless pacing and beyond...	Arthur Yue	Southampton UK
10:00	Close		



Arrhythmia Alliance & EHRA Symposia - Gaps of knowledge in anticoagulation in atrial fibrillation - Hall 11



Chair: Irina Savelieva, Prapa Kanagaratnam			London UK, London UK
08:30	Low risk AF patients: always anticoagulation?	Irina Savelieva	London UK
08:50	Two hours of subclinical AF - start anticoagulation?	Paulus Kirchhof	Birmingham UK
09:10	AF and PCI or ACS: dual or triple therapy?	Tatjana Potpara	Belgrade RS
09:30	Left atrial appendage closure - alternative for OAC in high risk AF patients	Prapa Kanagaratnam	London UK
09:50	Panel discussions/questions		
10:00	Close		



Plenary - Setting standards for British arrhythmia care - Hall 11

Chair: Kim Rajappan			Oxford UK
10:45	National audit of arrhythmia care	Francis Murgatroyd	London UK
11:15	National commissioning and its impact on arrhythmia care	Derick Todd	Liverpool UK
11:45	Raising the profile of arrhythmia research in the UK	Pier Lambiase	London UK
12:15	Close		



Year in Review - Cardiac Implantable Electronic Devices - Interactive Area - Exhibition Hall

Chair: Andrew Turley		Middlesbrough UK	
12:30	Pacemakers	Ashish Patwala	Stoke on Trent UK
12:45	Cardiac Resynchronisation therapy	Francisco Leyva	Birmingham UK
13:00	Implantable cardioverter defibrillators/S-ICD	Andrew Grace	Cambridge UK
13:15	Close		



Medtronic Symposia - How do we manage the current epidemic of AF? - Hall 6

Medtronic
Further, Together

Chair: Kim Rajappan			Oxford UK
13:30	The AVATAR-AF Trial	Prapa Kanagaratnam	London UK
13:40	How can the AVATAR protocol be improved further?	Jack McCready	Brighton UK
13:50	Ablation outside the EP Lab – time to rethink cath lab roles?	Ewen Shepherd	Newcastle Upon Tyne UK
14:00	Panel discussion		
	AF ablation in the next 10 years		
Chair: Neil Hobson, Prapa Kanagaratnam			Hull UK, London UK
14:10	Pulmonary Vein Mapping is no longer relevant; Lesson from the AVATAR trial	Derick Todd	Liverpool UK
14:20	Can the AVATAR protocol be extended persistent AF?	Muzahir Tayebjee	Leeds UK
14:30	Is radiofrequency ablation still the gold standard for AF ablation	Andreas Kyriacou	Sheffield UK
14:40	Panel discussion		



14:50 Close



HeartLogic Symposia: Early yellow alerts, not late blue lights for worsening heart failure patients? - Hall 7



Chair: Francisco Leyva			Birmingham UK
13:30	Introduction	Francisco Leyva	Birmingham UK
13:35	A HeartLogic Overview: What is HL and what is the supporting data?	Alastair Gray	Dublin IR
	Brief overview of HeartLogic algorithm		
	MultiSense study and results		
	More recent MultiSense sub-analysis etc.		
	Early HeartLogic centre experience: Blackpool Victoria		
13:50	Introduction to BPV and How HL was introduced	Alison Seed	Blackpool UK
14:00	Blackpool Victoria HF care pathway and how HL has been integrated - experience so far - challenges they've faced and overcome	Lesley Howard	Blackpool UK
14:15	Latitude experience and Cardiac Physiologist perspective	Angelic Goode	Blackpool UK
	Case studies from:		
14:25	New Cross	Emma Painter	Wolverhampton UK



14:35	Blackpool	Paula Black	Blackpool UK
14:45	Mater Mis	Alastair Gray	Dublin IR
14:55	Q&A		
15:00	Close		



Oral Abstracts (2) - Interactive Area - Exhibition Hall

Chair: Rachel Myles, Tim Betts			Glasgow UK, Oxford UK
Arrhythmia Mechanisms			
13:30	THE IMMUNOHISTOCHEMICAL CHARACTERISTICS OF ECTOPY-TRIGGERING GANGLIONATED PLEXUSES IN LANGENDORFF-PERFUSED PORCINE HEARTS	Min-young Kim	London UK
13:45	REDUCTIONS IN QRS AREA PREDICT LONG-TERM CLINICAL OUTCOMES AFTER CARDIAC RESYNCHRONIZATION THERAPY	Osita Okafor	Sutton Coldfield UK
14:00	REDUCED SODIUM CURRENTS AND INCREASED SENSITIVITY TO FLECAINIDE IN ATRIAL CARDIOMYOCYTES WHEN COMPARED TO VENTRICULAR	Daniel Johnson	Birmingham UK
14:15	ASSESSMENT OF LOCAL REPOLARIZATION TIME MEASUREMENTS IN THE INTACT HUMAN HEART USING INTRACARDIAC UNIPOLAR ELECTROGRAMS	Michele Orini	London UK
14:30	THE DEGREE AND SPATIAL DISTRIBUTION OF MYOCARDIAL FIBROSIS CAN INFLUENCE THE UNDERLYING MECHANISM OF VENTRICULAR FIBRILLATION	Balvinder Handa	London UK
14:45	IMPACT OF ADENOSINE ON MECHANISMS OF WAVEFRONT PROPAGATION IN PERSISTENT ATRIAL FIBRILLATION	Michael Pope	Oxford UK
15:00	Break		



Chair: Nick Kelland

Sheffield UK

Imaging & Clinical EP

15:45	LV MASS ON CARDIAC MRI IDENTIFIES HIGHER RISK ASSOCIATED WITH HYPERTROPHIC CARDIOMYOPATHY THAN ECHOCARDIOGRAPHY: AN OBSERVATIONAL RETROSPECTIVE 10-YEAR STUDY	Philip Rodwell	Nottingham UK
16:00	USE OF A MULTI-ELECTRODE RADIOFREQUENCY BALLOON CATHETER TO ACHIEVE PULMONARY VEIN ISOLATION IN PATIENTS WITH PAROXYSMAL ATRIAL FIBRILLATION: 12 MONTH OUTCOMES: THE RADIANCE STUDY	Gurpreet Dhillon	London UK
16:15	EVALUATION OF ECG IMAGING TO MAP HAEMODYNAMICALLY STABLE AND UNSTABLE VENTRICULAR ARRHYTHMIAS	Adam Graham	Islington UK
16:30	CHARACTERISATION OF THE ELECTRICAL AND STRUCTURAL IMPACT OF ATRIAL SEPTAL DEFECTS	Louisa O'Neill	London UK
16:45	REPROGRAMMING TO PREVENT PROGRESSIVE PACEMAKER REMODELLING	Maria Paton	Leeds UK
17:00	TEMPORARY EPICARDIAL CARDIAC PACING POST CARDIAC SURGERY AN AUDIT AT A LARGE TERTIARY CENTRE	Shahini Desai	London UK
17:15	Close		



Arrhythmia Alliance Symposia (1) - Hall 8b



Chair: Elena Arbelo, Nicholas Peters			Barcelona ES , London UK
13:30	Outcomes in Atrial Fibrillation: European Registries and New International Recommendations	Elena Arbelo	Barcelona ES
14:00	Digital technology	Nicholas Peters	London UK
14:30	Patient Reported Outcomes & Quality of Life	Sotiris Antoniou	London UK
15:00	Close		



Master Class EP (2) - Hall 9

Chair: Kevin Leong			London UK
13:30	Risk stratification of sudden death in patients with structurally normal hearts	Kevin Leong	London UK
14:00	Ablation approaches for ventricular fibrillation	Matthew Wright	London UK
14:30	Catheter ablation of ventricular tachycardia in patients with channelopathies	Sajad Hayat	Doha QA
15:00	Close		



Master Class Devices (3) - 3rd HRC EGM Championship - Hall 10

Chair: Stuart Allen		Manchester UK	
	Panel	Lucy Broadhurst, Philip Moore	Rotherham UK, Manchester UK
15:00	Close		



AF Association Symposia (2) - Hall 11



Chair: Andrew Grace , Moloy Das			Cambridge UK, Newcastle Upon Tyne UK
13:30	How to get durable PVI: The role of composite lesion indices and local impedance tracking	Moloy Das	Newcastle Upon Tyne UK
13:45	Non-pulmonary drivers of atrial fibrillation; how much do we really know?	Gwilym Morris	Manchester UK
14:00	High Power Short Duration Ablation for AF: More effective and safer?		
14:20	Preventing and managing esophageal injury following AF ablation	Richard Snowdon	Liverpool UK
14:35	Podiatry's role in opportunistic AF detection	Monica Fisk	London UK
14:50	Panel discussions/questions		
15:00	Break		
15:45	AF Association update	Rachel Harris	Chipping Norton UK
15:55	How have CABANA and CASTLE AF changed my practice?	Tim Betts	Oxford UK



16:10	LAA Closure at the time of AF Ablation – When, how, and outcomes	Tom Wong	London UK
16:25	Has the time come to offer AF ablation as a day case procedure?	Jack McCready	Brighton UK
16:45	Artificial Intelligence, Machine Learning & Big Data as used for AF management	Graeme Kirkwood	Sheffield UK
17:05	Panel discussions/questions		
17:15	Close		



Moderated Posters (2) - Poster Area - Exhibition Hall

Chair: Rachel Myles			Glasgow UK
15:00	IS VENOUS THROMBOEMBOLISM AN UNDER-RECOGNISED COMPLICATION OF RIGHT SIDED CARDIAC CATHETER ABLATION?	Charo Bruce	Manchester UK
15:05	CATHETER-TISSUE COUPLING DURING CONTACT FORCE-GUIDED PULMONARY VEIN ISOLATION: MECHANISTIC INSIGHTS INTO HETEROGENEITY OF RADIOFREQUENCY ABLATION EFFECTS IN VIVO	David Tomlinson	Plymouth UK
15:10	HYBRID SURGICAL ABLATION VERSUS CATHETER ABLATION ALONE IN LONGSTANDING PERSISTENT ATRIAL FIBRILLATION: A SINGLE CENTRE PROPENSITY-MATCHED COHORT STUDY	Edd Maclean	London UK
15:15	PROGNOSIS OF INCIDENTAL LEFT BUNDLE BRANCH BLOCK	Abbasin Zegard	Birmingham UK
15:20	THE IMPACT OF ELECTIVE CARDIOVERSION FOR ATRIAL FIBRILLATION IN HEART FAILURE PATIENTS	John Graby	Bristol UK
15:25	THROMBOEMBOLIC PROPHYLAXIS AFTER VENTRICULAR TACHYCARDIA ABLATION	Esther Randall	London UK
15:30	INFLUENCE OF ELECTRICAL CONDUCTIVITY ON ESOPHAGEAL COOLING PROTECTION DURING HIGH-POWER SHORT-DURATION ABLATION	Erik Kulstad	Dallas US
15:35	PREVALENCE AND DISTRIBUTION OF CARDIAC FIBROSIS IN PATIENTS WITH ATRIOVENTRICULAR BLOCK UNDERGOING PACEMAKER IMPLANTATION	Christopher Saunderson	Leeds UK



15:40	POST-IMPLANTATION DEVICE CHECKS PRE DISCHARGE ARE NECESSARY - A SINGLE CENTRE RETROSPECTIVE ANALYSIS	Emma Dooley	London UK
15:45	Close		



GUCH (2) - CHD arrhythmias - Working in partnership - Hall 7

Chair: Martin Lowe, Vivienne Ezzat			London UK, London UK
15:45	BiCEP – Where are we, and where do we want to go?	Vivienne Ezzat	London UK
16:15	CHD arrhythmias – what can our European colleagues teach us?	Claire Martin	Cambridge UK
16:45	What can BHRS do to support CHD arrhythmia services	Joseph De Bono	Birmingham UK
17:15	Close		



Biosense Webster Symposia - Hall 8b



15:45	Welcome	Andre Ng	Leicester UK
15:50	The importance of substrate analysis in Persistent AF	Matt Ginks	Oxford UK
16:15	Early Evaluation experience with CARTO PRIME and COHERENT Mapping	Vias Markides	London UK
16:35	New technology for PVI: HelioStar Balloon Ablation Catheter	Arash Aryana	California US
16:55	Q & A Session	Andre Ng	Leicester UK
17:15	Close		



Arrhythmia Alliance Symposia (2) - Hall 9



Chair: Rebecca Lane, Zachary Whinnett			London UK, London UK
15:45	Are we ready to start a clinical His bundle pacing service - which patients first and why?	Zachary Whinnett	London UK
16:00	Increasing use of Subcutaneous ICDs - why not?	Rebecca Lane	London UK
Chair: Francis Murgatroyd			London UK
16:15	Debate: Pacing leads should never be abandoned - extraction for all		
	Pro	Mark Gallagher	London UK
	Con	Aldo Rinaldi	London UK
17:00	Panel discussions/questions		
17:15	Close - To be continued on Wednesday 9 October - 08:30-15:00, Hall 5		



Master Class Devices (4) - The Big Debate - Hall 10

Chair: John Paisey			Southampton UK	
Debate: HIS pacing: why bother?				
15:45	Pro		Paul Foley	Swindon UK
16:05	Con		Amir Zaidi	Manchester UK
Remote monitoring of pacemaker patients should be the gold standard				
16:25	Pro		Stuart Allen	Manchester UK
16:50	Con		Holly Daw	London UK
17:15	Close			



BMS Symposia: Practical management of NVAF patients undergoing procedures - Hall 6

An interactive case-based session discussing a patient undergoing cardioversion and then ablation

15:45 Chair: Derek Connolly, Tarvinder Dhanjal

**Birmingham UK,
Coventry UK**

Key clinical topics include:

Is rhythm control important?

How to approach cardioversion in a patient with poor adherence or an anticoagulant-naïve patient

How to manage anticoagulation before, during and after ablation

How to manage a tamponade during ablation

17:15 Close



Heart Rhythm Trainees - Tips and Tricks for Trainees: Clinical Challenges - Hall 8a

Chair: Benedict Wiles			Bournemouth UK
17:30	The pregnant patient with palpitations	Ashley Nisbet	Bristol UK
17:50	When things go wrong: complications and complaints	Amir Zaidi	Manchester UK
18:10	The patient with failed ICD therapy	Jennifer Cole	Oxford UK
18:30	Driving dilemmas and the DVLA	Kim Rajappan	Oxford UK
18:50	Trainee update	Benedict Wiles	Bournemouth UK
19:00	Close		