



## 6 Oct 2019, 6 Oct 2019, Sunday - Patients Day



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Thank you to Total Merchandise for kindly providing the pens and notepads for Patients Day.

### Arrhythmia Alliance Patients Day - Hall 8a



Chair: Kim Rajappan			Oxford UK
11:00	Welcome	Kim Rajappan	Oxford UK
11:05	Am I at risk of heart failure and what are my options?	Vishal Luther	London UK
11:20	Relationships and my arrhythmia	Jean Maloney	Sheffield UK
11:40	Patient experience	Joe Sievier	Stratford Upon Avon UK
12:00	S-ICD versus ICD why does it matter	James Fouhy	Clonmel IR
12:20	Debate: Treatment options for my arrhythmia: Drugs or devices?		
	Drugs	Helen Eftekhari	Coventry UK



	Devices	Faizel Osman	Coventry UK
12:45	Lunch		
<b>Chair:</b>			
13:30	Anxiety management for patient and carers with and ICD	Stuart Harris	Basildon UK
13:45	Cardiomyopathy what does it mean and what options are available	Stephanie Cruickshank	Surrey UK
14:00	The role of the ICD in heart failure patients	Jean Maloney	Sheffield UK
14:15	Lifestyle advice for people with an ICD. Do's and don'ts, can's and can'ts	Helen Eftekhari	Coventry UK
15:00	Break		
<b>Chair: Vishal Luther</b>			<b>London UK</b>
15:15	Ventricular Tachycardia verses Ventricular Fibrillation what are they and how to treat them	Alistair Slade	Cornwall UK
15:30	Left Bundle Branch Block	Mark Tanner	Chichester UK
15:45	Patient experience	Lucy Marriott	
16:00	Heart block what does it mean and what are my options	Vishal Luther	London UK



16:15	Inappropriate Sinus Tachycardia, what is it and what can be done	Faizel Osman	Coventry UK
16:30	Long QT - What are my options?	Elijah Behr	London UK
17:00	Close		
<p>In the afternoon there is the opportunity to sit in on one of two breakout sessions; CPVT or SVT for 90 minutes or alternatively you can stay sat in on the main agenda.</p>			
CPVT Session			
<b>Chair: Jan Till</b>			<b>London UK</b>
13:30	Patient experience	Ellie Nicholls	Essex UK
13:45	CPVT Genetics	Samantha Mason	London UK
14:00	Living with CPVT – Living with an ICD	Catherine Renwick	London UK
14:15	Living with CPVT – How can I monitor my heart rate looking at technology that might help	Jan Till	London UK
14:30	Living with CPVT – What should I say to school/nursery other carers	Lucy Green	London UK
14:45	Living with CPVT – Whats new in CPVT research	Jan Till	London UK



15:00 Break

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SVT Session

Chair: Francis Murgatroyd			London UK
13:30	Ablation for SVT	Francis Murgatroyd	London UK
13:45	What is SVT and how do I live with it?	Boon Lim	London UK
14:00	What treatment options are available	Faizel Osman	Coventry UK
14:15	Patient experience	Helen Bradley	Bewdley UK
14:30	SVT do not let your GP dismiss it	Matt Fay	Bradford UK
14:45	Anxiety feeding SVT feeding anxiety and how to cope	Matt Fay	Bradford UK
15:00	Break		



## AF Association Patients Day - Hall 8b



Chair: Matt Fay			Bradford UK
11:00	Welcome	Rachel Harris	Chipping Norton UK
11:15	I am in permanent AF what now	Faizel Osman	Coventry UK
11:45	Patient story	Stephanie Cruickshank	Surrey UK
12:10	Heart failure what does it mean	Vishal Luther	London UK
12:45	Lunch		
Chair: Kim Rajappan			Oxford UK
13:30	Debate - AF Management - who is responsible? GP or EP?		
	GP	Matt Fay	Bradford UK
	EP	Kim Rajappan	Oxford UK
14:10	New ablation technology	Louisa Malcolm-Lawes	London UK
14:30	New technology	Nicholas Peters	London UK
15:00	Break		



15:15	How to support my partner, family member or friend with AF	Helen Hodgson	Bath UK
15:45	Why is anticoagulation so important	Yassir Javaid	Northampton UK
16:15	LAAO	Prapa Kanagaratnam	London UK
16:45	Questions		
17:00	Close		



## STARS Patients Day - PoTs - Hall 7



Chair: Nick Gall			London UK
11:00	Welcome	Nick Gall	London UK
11:05	Are these palpitations concerning and what shall we do	William Foster	Worcester UK
11:30	Sleep	Lesley Kavi	Birmingham UK
12:00	Nutrition	Abbi Lulsegged	London UK
12:30	Patient Story	Catherine Wahlberg	Leamington Spa UK
12:45	Lunch		
Chair: Robert Sheldon			Calgary CA
13:30	Exercise	Catherine Best, Valeria Iodice	London UK, London UK
14:15	This house believes that tilt table testing is the definitive test for PoTS		
	Pro	William Foster	Worcester UK
	Con	Robert Sheldon	Calgary CA
15:00	Break		



15:15	Does medication really help	Nick Gall	London UK
15:45	Update on the year - Are GPs now more knowledgeable about PoTS?	Trudie Lobban MBE	Chipping Norton UK
16:15	Dysautonomia - how does this differ from PoTS?	Robert Sheldon	Calgary CA
16:30	Questions		
17:00	Close		





## STARS Patients Day - Syncope & RAS - Executive Room 2



Chair: Richard Sutton			Monte Carlo MC
11:00	Patient story	Grace Spencer, Kate Spencer	Ticehurst UK, Ticehurst UK
11:30	Update	Rachel Harris	Chipping Norton UK
11:45	Managing your symptoms	Robert Sheldon	Calgary CA
12:15	The fainting teenager	Iain Parsons	London UK
12:45	Lunch		
13:30	RAS, epilepsy or breath holding? Yes, there is a difference. Anoxic epileptic seizures (AES)	William Whitehouse	Nottingham UK
14:30	Surprising things that make you faint	Nick Gall	London UK
15:00	Break		
15:15	Young syncope patients should be fitted with a device or pacemaker if experiencing frequent episodes-arguments - against	Richard Sutton	Monte Carlo MC
15:45	The role of the pacemaker in syncope patients	William Foster	Worcester UK



16:15	Why fainting should never be dismissed	Boon Lim	London UK
16:45	Questions		
17:00	Close		

## 6 Oct 2019, 6 Oct 2019, Sunday - Scientific Sessions

This year's HRC EP Traces Course invites new faculty, Dr Gwilym Morris from Manchester to join Dr Fakhar Khan from London and Dr Simon Modi from Liverpool. The faculty will host a full day's interactive training on how to interpret EP traces from the most basic concepts to advanced and unusual EP. Our aim is to teach a methodical way of interpreting EP traces, device dot plots/EGMs and ECGs that enables the user to form a logically ordered differential diagnosis enabling you to 'work out the arrhythmia mechanism'.

We aim the course at EP trainees, cardiac physiologists and consultants wishing to refresh their diagnostic skills. Some prior EP lab experience is beneficial to gain the most from the course but those that have only ever looked at a handful of EP traces are welcome too.

The teaching is interactive but shrinking violets shouldn't be put off as we make it our mission to walk you through the traces in a step by step fashion trying to avoid those 'rabbit in the headlights' moments that we have all succumbed to during our training.

### EP Traces Course - Hall 10a

Chairs	Fakhar Khan, Gwilym Morris, Simon Modi	London UK, Manchester UK, Liverpool UK
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11:15 Welcome, course objectives and 'How to approach the unknown tracing'

11:30 EP traces session 1

13:00 Lunch

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

## 7 Oct 2019, 7 Oct 2019, Monday - Scientific Sessions

### Oral Abstracts (1) - Hall 7

**Chair: Cristiana Monteiro, Holly Daw**

**Oxford UK,  
London UK**



## Allied Professionals & Service Improvement

08:30	JOINT DEVICE / VENTRICULAR TACHYCARDIA CLINIC - A SERVICE DESCRIPTION	Christopher Monkhouse	London UK
08:45	HIS-BUNDLE PACING - THE FEASIBILITY OF UPGRADING OCTOGENARIANS TO HIS-BUNDLE PACING FROM STANDARD RIGHT VENTRICULAR PACING	Rachel Ferro	Swindon UK
09:00	ONE TERTIARY CENTRE'S OVERVIEW OF EMERGENCY TRANSVENOUS PACEMAKER IMPLANTATION SERVICE	Hayley Langridge	London UK
09:15	THE INDICATIONS AND SAFETY OF PROLONGED TEMPORARY PACING USING TRANSVENOUS LEADS AND EXTERNALISED PULSE GENERATOR: A SINGLE CENTRE EXPERIENCE	Nisar Shah	Cardiff UK
09:30	DELIVERING A COMPLEX CIED SERVICE VIA A DISTRICT GENERAL HOSPITAL	James Wilson	Croydon UK
09:45	INNOVATIVE PATHWAY MODEL FOR THE DETECTION AND TREATMENT OF ATRIAL FIBRILLATION - THE CAPTURE AF SERVICE	Zainab Khanbhai	London UK
10:00	Break		
<b>Chair: Claire Martin</b>			<b>Cambridge UK</b>
AF-Clinical			



10:45	PROGNOSTIC MODEL DEVELOPMENT FOR PREVALENT ATRIAL FIBRILLATION USING INDIVIDUAL PATIENT DATA FROM EUROPEAN COHORTS: PRELIMINARY RESULTS FROM CATCH ME	Winnie Chua	Birmingham UK
11:00	ANALYSIS OF PROARRHYTHMIC PHENOMENA IN ELECTROPHYSIOLOGICAL MAPPING DATASETS USING ELECTROMAP: AN OPEN-SOURCE SOFTWARE PLATFORM	Christopher O'Shea	Birmingham UK
11:15	REVERSED QT-RR HYSTERESIS PREDICTS CARDVIOASCULAR OUTCOME AND DEATH IN 25228 INDIVIDUALS FROM UK BIOBANK	Stefan van Duijvenboden	London UK
11:30	CONTINUOUS REDUCTION IN IRRIGATION RATE DURING IRRIGATED RADIOFREQUENCY CATHETER ABLATION RESULTS IN A MORE OPTIMISED LESION SHAPE THROUGH REDUCED ENDOCARDIAL SPARING	Moloy Das	Newcastle Upon Tyne UK
11:45	CONVERGENT APPROACH TO PERSISTENT ATRIAL FIBRILLATION ABLATION: SINGLE-CENTRE SAFETY AND EFFICACY	Alexander Carpenter	Bristol UK
12:00	IMPACT: IMPROVING OESOPHAGEAL PROTECTION DURING CATHETER ABLATION FOR AF. A DOUBLE BLIND RANDOMISED CONTROLLED TRIAL	Lisa Leung	London UK
12:15	Close		



## Paediatric - Hall 8b

### SESSION 1 Paediatric Brugada Syndrome & Management of Ventricular Arrhythmia

Chair: Cecilia Gonzalez, John Triedman			Bristol UK, Boston US
08:30	Which diagnostic clues and investigative methods should we use in Brugada syndrome?	Robert Hamilton	Toronto CA
09:00	How to manage phenotype and gene positive Brugada syndrome in asymptomatic and symptomatic children?	Robert Hamilton	Toronto CA
09:30	Mapping and ablation principles of ventricular tachycardia in children with or without CHD	John Triedman	Boston US
09:50	Panel discussions/questions		
10:00	Break		

### SESSION 2 Ablation accessory pathways & AVNRT

Chair: Jan Till, Susan Etheridge			London UK, Utah US
10:45	Risk stratification of WPW Syndrome: updates following multicentre study results	Susan Etheridge	Utah US
11:05	Left Posteroseptal Accessory Pathways	John Triedman	Boston US



11:35	Differentiating 3 Types of Slow/Fast AVNRT	Fong Leong	Cardiff UK
12:05	Panel discussions/questions		
12:15	Lunch		
SESSION 3 LQT & CPVT			
<b>Chair: Juan Kaski, Orhan Uzun</b>			<b>London UK, Cardiff UK</b>
13:30	Current thinking on LQT syndromes: The challenges of Diagnosis and recognition of new subtypes	Juan Kaski	London UK
14:00	Are we too strict in exercise, activity sport recommendations of long QT, Brugada syndrome and CPVT? What is reasonable?	Susan Etheridge	Utah US
14:20	Current Thinking on LQT syndromes: Risk Stratification and alternative/future treatment options	Jan Till	London UK
14:50	Panel discussions/questions		
15:00	Break		
SESSION 4 Cardiomyopathy and JET Management			
<b>Chair: Narayanswami Sreeram, Volkan Tuzcu</b>			<b>Cologne DE, Doha QA</b>



15:45	Risk of sudden death in children with dilated and hypertrophic cardiomyopathy	Narayanswami Sreeram	Cologne DE
16:05	Emerging medical and invasive treatment options for cardiomyopathies	Volkan Tuzcu	Doha QA
16:25	Emerging medical and invasive treatment for postoperative JET	John Triedman	Boston US
<b>Chair: Narayanswami Sreeram, Orhan Uzun</b>			<b>Cologne DE, Cardiff UK</b>
Trainee Case Presentations: 5 cases, 5 minutes, 5 slides			
16:45	LONG-TERM OUTCOMES OF IMPLANTABLE CARDIOVERTER DEFIBRILLATORS IN ADULTS WITH REPAIRED TETRALOGY OF FALLOT	Sophie Jenkins	London UK
16:50	AETIOLOGY AND EFFICACY OF ATRIAL FIBRILLATION ABLATION IN YOUNG ADULTS	Roy Zhang	Cambridge UK
16:55	4.5 YEAR SINGLE CENTRE EXPERIENCE WITH THE SUBCUTANEOUS IMPLANTABLE DEFIBRILLATOR: A COMPARISON WITH THE POST-MARKET APPROVAL STUDY	Marie Jennyfer Ng Kam chuen	Nottingham UK
17:00	A SHEEP IN WOLF'S CLOTHING	Heather Edwards	Cardiff UK
17:05	OUT OF HOSPITAL ARREST IN A PATIENT WITH A HOMOZYGOUS SCN1A MUTATION: CAN THIS LEAD TO AN INCREASED PREDISPOSITION TO CARDIAC ARRHYTHMIA AND SUDDEN DEATH IN CHILDHOOD	Jennifer Shortland	Bristol UK





17:10 Panel discussions/questions

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17:15 Close

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## STARS Symposia - Hall 9



**Chair: Richard Sutton, Satish Raj**

**Monte Carlo MC,  
Calgary CA**

### Session 1: POTS

08:30	POTS aetiology other than autoimmunity	Satish Raj	Calgary CA
08:50	Current evidence for autoimmunity in POTS	Artur Fedorowski	Lund SW
09:10	Are we making progress in POTS management?	Lesley Kavi	Birmingham UK
09:30	Alternative strategies in POTS treatment	Nick Gall	London UK
09:50	Panel discussions/questions		
10:00	Break		
10:45	Risk stratification of syncope in the ED	Robert Sheldon	Calgary CA
11:15	Alternative therapeutic strategies for VVS	Boon Lim	London UK
11:45	Is there a role for ablation in VVS?	Richard Sutton	Monte Carlo MC
12:05	Panel discussions/questions		
12:15	Lunch		



**Chair: Boon Lim, Nick Gall**

**London UK,  
London UK**

Session 2: Syncope Units

13:30	STARS update	Trudie Lobban MBE	Chipping Norton UK
13:40	Rapid Access Blackout Clinic/Syncope Units	Nick Gall	London UK
13:55	Syncope Units: The Hammersmith Model	Boon Lim	London UK
14:10	Why haven't Canadians embraced Syncope Units?	Roopinder Sandhu	Alberta CA
14:50	Panel discussions/questions		
15:00	Break		
Session 3: Biomedical Therapies			
15:45	Debate: Vasovagal Syncope: Pacing? - For	Richard Sutton	Monte Carlo MC
16:05	Debate: Vasovagal Syncope: Pacing? - Against	Nick Gall	London UK
16:25	Vasovagal Syncope: POST mortem for drugs?	Robert Sheldon	Calgary CA
16:45	Vasovagal Syncope: Still hope for medical therapy?	Satish Raj	Calgary CA
17:05	Panel discussions/questions		



17:15    Close

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## **Combining DOACs and antiplatelet therapy in patients with AF - an update (This symposium is supported by a unrestricted educational grant from BMS-Pfizer Alliance) - Hall 6**

<b>Chair: Derek Connolly</b>			<b>Birmingham UK</b>
10:45	Skylla and Charybdis – what is the optimal antithrombotic therapy in anticoagulated patients undergoing coronary procedures	Rob Storey	Sheffield UK
11:05	PCI and NOACS: Comparing anticoagulation with VKA or apixaban, with and without concomitant aspirin	Derek Connolly	Birmingham UK
11:25	Development of a Midlands / Birmingham Health Partners protocol for anticoagulated patients undergoing coronary procedures	Mark Thomas	Birmingham UK
11:45	A European perspective: Current practice and possibilities to improve outcomes. Conclusions and panel discussion	Paulus Kirchhof	Birmingham UK
12:05	Q&A		
12:15	Close		



## Nurses (1) - Hall 8a

Chair: Sarah Clarke , Shona Holding			Basildon UK, Bradford UK
10:45	Advanced Practice and credentialing	Wendy Preston	London UK
11:05	Legal issues around advanced practice	Mike O'Connell	York UK
11:25	Syncope guidelines	Ciara Rice	Dublin IR
11:45	Nurse led pacemaker implants	Kate Whittock	Birmingham UK
12:05	Panel discussions/questions		
12:15	Close		



## Cardiac Physiologists Meeting - Hall 10

Chair: Eleri Roberts, Jason Collinson			Manchester UK, Basildon UK
10:45	A-A update	Steve Kempton	Chipping Norton UK
10:55	Cardiac physiology services in the primary care setting	Nolan Stain	London UK
11:15	Developing the BHRS exam-views from the audience	Stuart Allen	Manchester UK
11:35	Setting up a 7-day cardiac physiology service	Eleri Roberts	Manchester UK
11:50	Social media for cardiac physiologists	Sam Griffiths	London UK
12:10	Panel discussions/questions		
12:15	Close		



## Cases & Traces (1) - Hall 11

Chair: John Paisey, Nick Kelland			Southampton UK, Sheffield UK
10:45	Understanding a Random Complex during Ventricular Tachycardia	Ahmed Adlan	Liverpool UK
11:00	Atrial Tachycardia(s) post AF: Where do I ablate?	Daniel Kwok Yew Wan	London UK
11:15	Fascicular Ventricular Tachycardia: a case report and brief literature review	Tahir Nazir	Manchester UK
11:30	Unusual location of a Ventricular Tachycardia: Let the cat out of the bag	Arthur Yue	Southampton UK
11:45	A bus driver with a supposed idio-ventricular rhythm	Vishal Luther	London UK
12:00	Para Hisian atrial tachycardias	Donah Zachariah	Stoke on Trent UK
12:15	Close		





## Year in review: Electrophysiology - Interactive Area - Exhibition Hall

Chair: Andrew Turley			Middlesbrough UK
12:30	Ventricular Arrhythmias	Prapa Kanagaratnam	London UK
12:45	Atrial Fibrillation	Derick Todd	Liverpool UK
13:00	Syncope	Nick Gall	London UK
13:15	Close		



# **Acutus Symposia: Ablating Atrial Fibrillation: Beyond the Pulmonary Veins - what to do with AF when the pulmonary veins are treated - Hall 6**



Chair: Steve Murray			Newcastle Upon Tyne UK
13:30	Chairman's Welcome & Opening Remarks	Steve Murray	Newcastle Upon Tyne UK
13:35	"Seeing it all" - How AcQMap works, who it's for and how I include it in my workflow	Ewen Shepherd	Newcastle Upon Tyne UK
13:50	"The new World View for AF ablation" - What AcQMap has taught me about AF mechanisms and how that guides my procedure	Tim Betts	Oxford UK
14:05	"Seeking A New Normal" - Complex Arrhythmia Treatment through the Integration of New & Developing Technology	Sabine Ernst	London UK
14:20	"Individualised Lesion Sets are Superior to Empiric Treatment in Persistent AF" - Debate		
	Protagonist:	Mark Norman	Frimley UK
	Antagonist:	Nick Kelland	Sheffield UK
	Rebuttal & Audience 'show of hands'		
14:50	Panel Discussion & Closing Remarks		



15:00 Close

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## Young Investigators Competition - in collaboration with BSCR - Hall 7

Chair: Fu Siong Ng		London UK	
	Judges	Fu Siong Ng, Neil Herring, Paulus Kirchhof, Pier Lambiase	London UK, Oxford, UK, Birmingham UK, London UK
	Basic Science		
13:30	GAP JUNCTION MODULATION IS A MAJOR DETERMINANT OF THE MECHANISM AND ORGANISATION OF VENTRICULAR FIBRILLATION AND A POTENTIAL THERAPEUTIC TARGET	Balvinder Handa	London UK
14:00	CD4+ T-CELL PRIMING AS A DRIVER OF EPICARDIAL ADIPOSE TISSUE MEDIATED ATRIAL FIBRILLATION	Vishal Vyas	London UK
14:30	LEFT ATRIAL CARDIOMYOCYTE PITX2 EXPRESSION PREDICTS RECURRENT ATRIAL FIBRILLATION AFTER ATRIAL FIBRIALLATION ABLATION IN PATIENTS	Jasmeet Reyat	Birmingham UK
15:00	Break		
	Judges	Fu Siong Ng, Neil Herring, Paulus Kirchhof, Sabine Ernst	London UK, Oxford, UK, Birmingham UK, London UK
	Clinical Science		



15:45	THE IMPACT OF ATRIAL FIBRILLATION TYPE ON RISKS OF STROKE AND SYSTEMIC EMBOLISM MAJOR HAMEORRHAGE AND MORTALITY IN PATIENTS WITH PREVIOUS STROKE: A SYSTEMATIC REVIEW AND META-ANALYSIS	Antonia Mentel	Glasgow UK
16:15	MAPPING AT SITES OF TERMINATION OF PERSISTENT ATRIAL FIBRILLATION BY COMPARING THREE INDEPENDENT TECHNIQUES: THE COMPARE-AF MULTICENTER STUDY	Junaid Zaman	London UK
16:45	THE IMPACT OF PULMONARY VEIN ISOLATION ON MECHANISMS SUSTAINING PERSISTENT ATRIAL FIBRILLATION: PREDICTING THE ACUTE RESPONSE.	Gurpreet Dhillon	London UK
17:15	Close		



## AF Association Symposia (1) - Hall 8a



**Chair: Marco Proietti, Tatjana Potpara**

**Milan IT; Liverpool UK, Belgrade RS**

Session 1: Management of Atrial Fibrillation:  
Easy as ABC

13:30	A holistic and integrated approach to AF management: Easy as ABC	Marco Proietti	Milan IT; Liverpool UK
13:50	A: Avoid stroke with Anticoagulation	Ahmet Fuat	Durham UK
14:05	B: Better symptom management, with rate or rhythm control	Waqas Ullah	Southampton UK
14:25	C: Cardiovascular risk factor and comorbidity management, including lifestyle changes	Tatjana Potpara	Belgrade RS
14:40	The importance of P-Wave centric ECG monitoring analysis	Gust Bardy	Seattle US
15:00	Break		

Session 2: AF and Heart Failure: current controversies

**Chair: Martin Cowie, Wyn Davies**

**London UK, London UK**



15:45	Ablation after CASTLE-AF and CABANA: are we any the wiser?	Wyn Davies	London UK
16:05	Are beta-blockers of benefit in patients with AF and HF?	Martin Cowie	London UK
16:25	Does CRT work in patients with AF?	Derek Connelly	Glasgow UK
16:45	And do we even anticoagulate appropriately?	Martin Cowie	London UK
17:05	Panel discussions/questions		
17:15	Close		



## Master Class Devices (1) - Interactive EGM Session - Hall 10

Chair: Michelle Smith, Stuart Allen		Solihull UK, Manchester UK
Panel	Holly Daw, Jason Collinson, Philip Moore	London UK, Basildon UK, Manchester UK
15:00	Close	





## AICC (1) - New directions in the Cardiomyopathies - Hall 11

Chair: Rob Cooper , Sam Mohiddin			Liverpool UK, London UK
13:30	A novel approach to septal reduction therapy in HCM	Rob Cooper	Liverpool UK
13:50	A rediscovered role for pacing in HOCM	Sam Mohiddin	London UK
14:10	A new phenotype of familial marked ST depression and cardiomyopathy	Hugh Watkins	Oxford UK
14:30	New taskforce criteria for managing ARVC	Larissa Fabritz	Birmingham UK
14:50	Q&A's		
15:00	Close		



## Moderated Posters (1) - Poster Area - Exhibition Hall

Chair: Malcolm Finlay, Prapa Kanagaratnam			London, UK, London UK
15:00	A COMPARISON OF ARRHYTHMIA NURSE SPECIALISTS VERSUS CLINICIANS SYNCOPE RISK STRATIFICATION: DIAGNOSTIC YIELD OF IMPLANTABLE LOOP RECORDERS	Helen Eftekhari	Coventry UK
15:05	CHARACTERISATION OF MISSENSE VARIANTS IN RYR2	Damilola Olubando	Manchester UK
15:10	THE INCIDENCE OF NEW-ONSET ATRIAL FIBRILLATION IN PATIENTS RECEIVING CARDIAC RESYNCHRONISATION THERAPY	Sophie Robinson	Birmingham UK
15:15	TARGETED ABLATION CLUSTER TECHNIQUE (TACT) FOR ABLATION OF COMPLEX ATRIAL ARRHYTHMIAS IN CONGENITAL HEART DISEASE AS GUIDED BY ULTRA-HIGH DEFINITION MAPPING	Anna Kefala	Southampton UK
15:20	ANALYSIS OF PREDICTIVE FACTORS FOR PROPAFENONE PROARRHYTHMIA. DOES EXERCISE ECG PLAY A ROLE DURING LONG TERM PROPAFENONE TREATMENT?	Peter Janos Kalmar	Debrecen HU
15:25	VALIDATION OF A DATA-DRIVEN BIOMARKER MODEL FOR ATRIAL FIBRILLATION IN AN UNSELECTED COMMUNITY-BASED PATIENT COHORT PRESENTING ACUTELY TO HOSPITAL	Winnie Chua	Birmingham UK
15:30	ADAPTING KNOW YOUR PULSE (KYP) EVENTS TO BENEFIT YOUNG ADULTS	Trudie Lobban MBE	Chipping Norton UK



15:35	SHOULD UK CARDIOLOGY DEPARTMENTS SWITCH TO USING MORE INNOVATIVE AND MINIATURISED AMBULATORY ECG MONITORING? A PATIENT REPORTED OUTCOMES ANALYSIS.	Christopher Monkhouse	London UK
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15:40	Q & A's		
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15:45	Close		
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## Master Class Devices, Part 2 - Live CRT Optimisation - Hall 10

Chair: Philip Moore		Manchester UK
Panel	Cristiana Monteiro, William Foster	Oxford UK, Worcester UK
Presenters	Ashleigh Cresswell , Jen Middleston	Sheffield UK, Sheffield UK
17:15	Close	



## AICC (2) - New directions in the Cardiomyopathies - Hall 11

Chair: Elijah Behr, Josselin Duchateau			London UK, Bordeaux FR
15:45	An update on the phenotype of arrhythmogenic bileaflet MVP	Pier Lambiase	London UK
16:05	Return to play in athletes with channelopathies	Amanda Varnava	London UK
16:25	A novel mechanistic classification for VF in structurally normal hearts	Josselin Duchateau	Bordeaux FR
16:45	An update on the international CPVT registry	Jan Till	London UK
17:05	Q&A's		
17:15	Close		

## 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**

<b>Chair: Arthur Yue, Nicholas Peters</b>			<b>Southampton UK, London UK</b>
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

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## 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
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15:45	Close		
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## 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		

## 9 Oct 2019, 9 Oct 2019, Wednesday - Scientific Sessions

### Arrhythmia Alliance Symposia (2) - Continued - Hall 5





## Arrhythmia Mapping

Chair: Stuart Harris , Vias Markides			Basildon UK, London UK
08:30	Customisation of AF ablation strategy - Is this truly achievable yet?	Vias Markides	London UK
08:50	Is Global Mapping the key to better AF ablation outcomes?	Tom Wong	London UK
Chair: Derick Todd			Liverpool UK
09:15	Debate: Non-contact mapping is the future of 3D mapping (again)		
	Pro	Andrew Grace	Cambridge UK
	Con	Kim Rajappan	Oxford UK
09:50	Panel discussions/questions		
10:00	Break		
	Catheter Ablation		
Chair: Tom Wong			London UK
10:45	Should we ablate atrial fibrillation before it has even happened?	Julian Jarman	London UK
10:55	High power short duration ablation: is it ready for prime-time?	Derick Todd	Liverpool UK





11:05	Atrial fibrillation in heart failure: overlooked and under-ablated!	David Jones	Harefield UK
11:15	Limitations of current technologies and what is around the corner	Shouvik Halder	London UK
<b>Chair: Magdi Saba</b>			<b>London UK</b>
11:30	Debate: One-shot/balloon ablation should be the approach for ALL index AF ablation procedures		
	Pro	Jack McCready	Brighton UK
	Con	Mark O'Neill	London UK
12:00	Panel discussions/questions		
12:15	Lunch		
	Controversies		
<b>Chair: Vanita Arora , Vias Markides</b>			<b>New Delhi IN, London UK</b>
13:30	Are we ignoring brain lesions as a consequence of ablation?	Matthew Wright	London UK
13:40	High energy devices in the octogenarians	Francisco Leyva	Birmingham UK
13:50	Inflammation and ventricular tachycardia - do we know enough?	Adrian Morley-Davies	Stoke on Trent UK



14:00	Does VT ablation actually confer a mortality benefit?	Nick Linton	London UK
14:15	Debate: Every primary care patient with AF should be referred to specialist electrophysiology services		
	Pro	Wajid Hussain	London UK
	Con	Piers Clifford	Buckingham UK
14:50	Panel discussions/questions		
15:00	Close		



## Oral Abstracts (3) - Hall 8a

Chair: Fozia Ahmed, Malcolm Finlay			Manchester UK, London, UK
Devices			
08:30	TISSUE CHARACTERISATION PREDICTS REMODELING IN PATIENTS UNDERGOING CRT- A RETROSPECTIVE ANALYSIS FROM A LARGE TERTIARY CENTRE	Katie Thomasson	London UK
08:45	ECGI DERIVED LEFT VENTRICULAR ACTIVATION PATTERNS PREDICT CORRECTION OF LBBB BY HIS BUNDLE PACING	Ahran Arnold	London UK
09:00	LEFT VENTRICULAR PACING VECTOR OPTIMIZATION IN AN IDEALLY DEPLOYED QUADRIPOlar LEAD IN CARDIAC RESYNCHRONIZATION THERAPY: EFFECT OF OPTIMIZING QRS AREA	Osita Okafor	Sutton Coldfield UK
09:15	IMPROVED ELECTROMECHANICAL STABILITY OF A NOVEL ACTIVE FIXATION CORONARY SINUS LEAD COMPARED TO PASSIVE FIXATION LEADS: A MULTI-CENTRE STUDY	Dimitrios Gerontitis	Southampton UK
09:30	IMPROVING CARDIAC DIAGNOSTICS USING DIGITAL TECHNOLOGY- INVESTIGATION OF PALPITATIONS USING THE ZENICOR ECG	Thet Su Su	London UK



09:45	COMBINED COMPUTED TOMOGRAPHY WITH DYNAMIC PERFUSION AND MECHANICS WITH PREDICTED ACTIVATION PATTERN CAN SUCCESSFULLY GUIDE IMPLANTATION OF A WIRELESS ENDOCARDIAL PACING SYSTEM	Baldeep Sidhu	London UK
10:00	Break		
<b>Chair: Ashley Nisbet , Malcolm Finlay</b>			<b>Bristol UK, London, UK</b>
Mapping & Ablation			
10:45	RETRO-MAPPING: A 5-DIMENSIONAL FRAMEWORK FOR MAPPING WAVEFRONTS DURING AF REVEALS MECHANISTIC INSIGHT WITH BOTH FOCAL ACTIVATION AND STABLE VECTORS	Ian Mann	London UK
11:00	THE STOCHASTIC TRAJECTORY ANALYSIS OF RANKED SIGNALS (STAR) MAPPING METHOD TO IDENTIFY DRIVING SITES IN PERSISTENT ATRIAL FIBRILLATION: APPLICATION THROUGH SEQUENTIAL MAPPING.	Shohreh Honarbakhsh	London UK
11:15	HIGH-DENSITY MAPPING OF DYNAMIC FUNCTIONAL SUBSTRATE CHANGES IN VENTRICULAR TACHYCARDIA IMPROVES OUTCOMES IN VENTRICULAR TACHYCARDIA ABLATION	Neil Srinivasan	London UK
11:30	THREE-DIMENSIONAL 12-LEAD ECG-BASED ELECTROCARDIOGRAPHIC IMAGING IN CARDIAC RESYNCHRONIZATION THERAPY RECIPIENTS: VALIDATION AGAINST NON-CONTACT ELECTROANATOMICAL MAPPING	Osita Okafor	Sutton Coldfield UK



11:45	CARDIAC RESPONSE TO CRT AND HEART RATE AUGMENTATION: THE FIRST ASSESSMENT WITH CMR	Aaron Koshy	Leeds UK
12:00	USE OF NOVEL MARKERS OF ORGANISATION AND RAPIDITY TO PREDICT SITES OF AF TERMINATION WITH ABLATION GUIDED BY STOCHASTIC TRAJECTORY ANALYSIS OF RANKED SIGNALS (STAR) MAPPING	Shohreh Honarbakhsh	London UK
12:15	Close		



## Nurses (2) - Hall 8b

Chair: Angela Hall, Shona Holding		Jersey UK, Bradford UK	
08:30	A-A update	Becky Bell	Chipping Norton UK
08:40	ECG workshop	Pierre Le Page	Devon UK
09:00	Obesity and AF	Angela Griffiths	Oxford UK
09:15	What Partners of ICD patients experience: what the research tells us	Carl Rideout	Wolverhampton UK
09:35	How partners of ICD patients are supported	Sarah Roberts	Leicester UK
09:50	Panel discussions/questions		
10:00	Close		



## AHSNs - Working together to reduce AF-Related Strokes - Executive Room 1

Chair: Helen Williams			London UK
10:45	Overview of the AHSN AF programme	Helen Williams	London UK
11:00	AF detection devices roll out in south London	Dominic Norton	London UK
11:15	AF detection devices roll out in the North East and North Cumbria	Nikki Holdsworth	Newcastle Upon Tyne UK
11:30	Addressing the sub optimally treated AF patient - Roll out in Wessex	Sharron Gordon	Winchester UK
11:45	Addressing the sub optimally treated AF patient - from local to national roll out. Examples of anticoagulation service innovations/improvements	Helen Williams	London UK
12:00	Q & A		
12:15	Close		



## Master Class Devices (5) - Interactive EGM Session - Hall 8a

Chair: Stuart Allen		Manchester UK	
	Panel	Eleri Roberts, William Foster	Manchester UK, Worcester UK
15:00	Close		





## Cases & Traces (2) - Hall 8b

Chair: John Paisey, Nick Kelland			Southampton UK, Sheffield UK
13:30	Extraction of CRT-D using superior and femoral access in a patient with LSVF : when EP tools obtain another meaning	Anna Kefala	Southampton UK
13:40	Shocking end to atrial automatic threshold test	Ruben Lamelas	London UK
13:50	Pacing induced VF - The imperfect ICD storm	Noor Sharrack	London UK
14:00	Retrieval of Medtronic Micra leadless pacemaker system from the right pulmonary artery following tether failure	Richard Dobson	Bristol UK
14:10	Detecting deceased patients on remote monitoring: A case series	Christopher Monkhouse	London UK
14:20	Cardiac devices and MRI electrocardiographic features when reprogramming changes are not made	Bhavisha Patel	London UK
14:30	Saving a racing heart : Effective Interventions in Tachycardia-Induced Cardiomyopathy (TCM)	Sher May Ng	London UK
14:40	Q & A's		
15:00	Break		



15:45	Pseudo Ventricular tachycardia recorded on dual chamber pacemaker EGM storage nearly leads to inappropriate medication changes and upgrade of pacing system	Anthony Mason	Watford UK
15:55	Subcutaneous ICD - Importance of effective patient selection and effective screening. How this may be extend the application of the technology beyond normal constraints	Jamie Walton	Birmingham UK
16:05	Fatal Consequences of inappropriate therapy in a single VF zone primary prevention defibrillator	Samuel Griffiths	London UK
16:15	A get out of jail approach to an occluded SVC to achieve CRT (His)	Vishal Luther	London UK
16:25	A truncating KCNQ1 variant causing Jervell and Lange-Nielsen syndrome but not Long QT syndrome	James Cranley	Cambridge UK
16:35	Bradycardia in a cyclist: What is the mechanism and management strategy?	Peter Kabunga	London UK
16:45	Q & A's		
17:15	Close		



## Master Class Devices (6) - CRT/HF - Hall 8a

Chair: Honey Thomas, Stuart Harris			Northumbria UK, Basildon UK
15:45	Utilising device diagnostics for managing HF	Fozia Ahmed	Manchester UK
16:15	Can HIS pacing replace CRT?	Badrinathan Chandrasekaran	Swindon UK
16:45	CRT Algorithms (MPP, aCRT, SyncAV etc): are they worth the effort?	Christopher Monkhouse	London UK
17:15	Close		