



## ONLINE ONLY - Patients Day

### Arrhythmia Alliance Patients Day

WHAT DO I NEED TO KNOW ABOUT MY...

Chair: Kim Rajappan		Oxford, UK
Ectopic Heart Beats	Matthew Fay	Bradford, UK
Supraventricular Tachycardia (SVT)	Jonathan Kalman	Melbourne, AU
Ventricular Tachycardia (VT)	Tarv Dhanjal	Coventry, UK
HEART FAILURE AND ARRHYTHMIAS		
Chair: Benjamin Steinberg		Utah, US
What is Cardiomyopathy?	Edward Davies	Plymouth, UK
Advances in medication to treat heart failure	Larry Jackson II	Durham, US
How a Pacemaker, CRT/ICD/S-ICD can help in the treatment of Heart Failure	Eleri Roberts	Manchester, UK
AF and Heart Failure	Becky Hyland	Wiltshire, UK
LIVING WITH ARRHYTHMIAS IN 2022		



<b>Chair: Helen Eftekhari</b>		<b>Coventry, UK</b>
COVID 19 and arrhythmias	Boon Lim	London, UK
Lifestyle and arrhythmias - is there a link?	Helen Eftekhari	Coventry, UK
Alternative therapies for arrhythmias	Helen Hodgson	Bath, UK
Which arrhythmias are suitable for ablation?	Matthew Ginks	Oxford, UK
INNOVATION IN ARRHYTHMIAS		
<b>Chair: Shouvik Haldar</b>		<b>London, UK</b>
Wearable devices - How do they detect Arrhythmias?	Yassir Javaid	Northampton, UK
Questions to ask if you are invited to take part in a trial	Rachel Bates	Oxford, UK
Latest advances in screening relatives of SCD patients	Julian Ormerod	Oxford, UK
NICE - latest update on digital ECGs or something?	David Albert	Los Angeles, US



## AF Association Patients Day

Chair: Will Foster		Worcester, UK
I have just been diagnosed with paroxysmal AF. Can I do anything to help myself?	Faizel Osman	Coventry, UK
I have paroxysmal AF. What medications are available?	Ahmed Ammar	Worcester, UK
Chair: Vishal Luther		Liverpool, UK
I have paroxysmal AF. Should I have an ablation?	Vishal Luther	Liverpool, UK
My AF has returned, can ablation be repeated?	Sajad Ahmed Hayat	Qatar, QA
I have had an ablation and my AF has gone ... can I stop my anticoagulants?	Gregory Lip	Liverpool, UK
Chair: Will Foster		Worcester, UK
What's new on the horizon to reduce an AF-related stroke?		
Is there an alternative treatment to oral anticoagulants?	Tim Betts	Oxford, UK
What new technologies are there to treat AF?	Derick Todd	Liverpool, UK
Is AF Hereditary?	Bridgette Smith	Worcester, UK
Chair: Sandeep Panikker		Coventry, UK



Should I have a cryoablation or a radiofrequency ablation for my AF?	Aaisha Opel	Middlesex, UK
I have paroxysmal AF. If I go into AF, how long should I wait before I call for help (ambulance / GP review / go to A&E)?	Will Foster	Worcester, UK
Recently diagnosed with AF are there any driving restrictions?	Donah Zachariah	Stoke-on-Trent, UK



## STARS Patients Day

### REFLEX ANOXIC SEIZURES (RAS) / SYNCOPE IN THE YOUNG

<b>Chair: Trudie Lobban</b>		<b>Winchester, UK</b>
Night terrors and how to manage them	Trudie Lobban	Winchester, UK
How is RAS diagnosed? Would a video help a diagnosis?	Blair Grubb	Toledo, US
Trudie and Chantal discuss her 'journey' from childhood RAS to adulthood misdiagnosis of epilepsy	Chantal Lee	Nottingham, UK
The differences between reflex anoxic seizures and epileptic fits. AED medication is not appropriate for RAS.	Jasveer Mangat	London, UK

### REFLEX SYNCOPE/VASOVAGAL SYNCOPE

<b>Chair: Roopinder Sandhu</b>		<b>Los Angeles, US</b>
Is tilt table testing still a must go to test for those presenting with unexplained loss of consciousness? How does it work? Why do so many hospitals not have the facility anymore?	Richard Sutton	Monte Carlo, MC
An unexplained loss of consciousness needs a proper diagnosis	Nicholas Tullo	New Jersey, US
Presyncope: What it is, causes, symptoms and treatment	Matthew Fay	Bradford, UK



Psychogenic syncope (symptoms mimic those of VVS and PoTS)

Artur Fedorowski

Stockholm, SE

POSTURAL TACHYCARDIA SYNDROME (POTS)

**Chair: Lesley Kavi**

**Warwickshire, UK**

Important to manage one's expectations as there is no magic bullet

Nicholas Gall

London, UK

PoTS or Long Covid?

Melanie Dani

London, UK

What medications are currently being prescribed for PoTS patients? How are they effective?

Blair Grubb

Toledo, US

Wise eating and drinking can be beneficial in PoTS

Lesley Kavi

Warwickshire, UK

## ONLINE ONLY - Scientific Session

### AF Association Symposia 1 - AF detection in different contexts-how do we get it right for the local population

**Chair: Ben Freedman, Jeroen Hendriks**

**Sydney, AU, Maastricht, NL; Adelaide, AU**

What works for whom in AF screening- a realist review

Coral Hanson

Edinburgh, UK



AF screening in indigenous populations	Suud Nahdi	Sydney, AU
Rural screening for AF	Jessica Orchard	Sydney, AU
Pharmacy based AF screening	Filipa Alves da Costa	Lisbon, PT
AF Detection in Vaccine Clinics	Nithya Nanda, Trudie Lobban	Slough, UK, Winchester, UK
Discussion		



## Arrhythmia Alliance and Venice Arrhythmias Joint Session

Chair: Carlos Morillo		Calgary, CA
Lifestyle and risk factors modification: implementation and results	Antonio Rossillo	Vicenza, IT
Rhythm vs. rate control: is it time to change strategy?	Sakis Themistoclakis	Venice-Mestre, IT
New technologies for AF ablation: impact on clinical outcomes	Andrea Natale	Austin, US
Cardiac neuro ablation/modulation of AF: where are we and where are we going?	Tolga Aksu	Istanbul, TR
LAA closure: first choice or last chance?	Tim Betts	Oxford, UK



## Idiopathic Ventricular Fibrillation

Chair: Bernard Belhassen, Pier Lambiase		Jerusalem, IL, London, UK
Genetic Testing in idiopathic VF	Greg Mellor	Cambridge, UK
Short-coupled VF idiopathic ventricular fibrillation: Diagnosis and management	Bernard Belhassen	Jerusalem, IL
How common is idiopathic VF?	Giulio Conte	Lugano, CH
How to diagnose idiopathic VF	Andrew Krahn	Vancouver, CA



## AF Association Symposia 2 - Correct - Drugs vs Ablation session

Chair: Dhiraj Gupta, Sanjiv Narayan		Liverpool, UK, Palo Alto, US
Do the outcomes of early rhythm control with catheter ablation extend to patients with persistent AF too?	Dhiraj Gupta	Liverpool, UK
The impact of anti-arrhythmic drugs on Atrial fibrillation burden	Paulus Kirchhof	Hamburg, DE
The role of omega-3 fatty acids in atrial fibrillation management	Christine Albert	Los Angeles, US
Machine Learning to Guide Ablation and Drug Therapy for Atrial Fibrillation	Sanjiv Narayan	Palo Alto, US
What does Surgical Therapy for Atrial Fibrillation add to Catheter Ablation?	David DeLurgio	Atlanta, US
Future Trials to Advance Ablation Therapy for Atrial Fibrillation	Atul Verma	Toronto, CA



## **Hugh Calkins Named Lecture**

Catheter Ablation for AF - The Past, Present and Future

Pierre Jais

Bordeaux, FR

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## **British Society for Heart Failure - Clash of the Titans - Heart Failure and AF**

<b>Chair: John McMurray</b>		<b>Glasgow, UK</b>
HF Patient Perspective	Laurence Humphrey Davies	
AF Patient Perspective	Di Hallet	
Managing Patients with AF - Guideline recommendations/ pathways	Rosita Zakeri	London, UK
Devices - when and who?	Roy Gardner	Glasgow, UK
Monitoring - practical tips on using a digital app or wearable within an AF service	Derek Connelly	Glasgow, UK

## **9 Oct 2022, IN-PERSON AND ONLINE - Sunday's Scientific Sessions**

### **AF Association Symposia 1 & 2 - Pre Recorded Session - Hall 7b**

<b>Chair: Ben Freedman, Jeroen Hendriks</b>	<b>Sydney, AU, Maastricht, NL; Adelaide, AU</b>
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AF Detection in different context - How do we get it right for the local population?

What works for whom in AF screening - A realist review	Coral Hanson	Edinburgh, UK
AF Screening in indigenous populations	Suud Nahdi	Sydney, AU
Rural screening for AF	Jessica Orchard	Sydney, AU
Pharmacy based AF screening	Filipa Alves da Costa	Lisbon, PT
AF detection in Vaccine Clinics	Nithya Nanda, Trudie Lobban, MBE	Slough, UK, Winchester, UK
Discussion		
<b>Chair: Dhiraj Gupta, Sanjiv Narayan</b>		<b>Liverpool, UK, Palo Alto, US</b>
Correct Drugs vs Ablation		
Do the outcomes of early rhythm control with catheter ablation extend to patients with persistent AF too?	Dhiraj Gupta	Liverpool, UK
The impact of anti-arrhythmic drugs on Atrial fibrillation burden	Paulus Kirchhof	Hamburg, DE
The role of omega-3 fatty acids in atrial fibrillation management	Christine Albert	Los Angeles, US



Machine Learning to Guide Ablation and Drug Therapy for Atrial Fibrillation

Sanjiv Narayan

Palo Alto, US

What does Surgical Therapy for Atrial Fibrillation add to Catheter Ablation?

David DeLurgio

Atlanta, US

Future Trials to Advance Ablation Therapy for Atrial Fibrillation

Atul Verma

Toronto, CA



## Guideline Update: What's new in the arrhythmia world? - Arrhythmia Alliance Symposia 1 - Hall 8a

Chair: Andrew Turley			Middlesbrough, UK
09:30	MRI & CIEDs	Charlotte Manisty	London, UK
09:45	Managing patients receiving radiotherapy with a cardiac implanted electronic device	Jay Wright	Liverpool, UK
10:00	2021 ESC Heart failure Guidance: what's new for the CRM specialist?	John Cleland	London, UK
10:15	2021 ESC cardiac pacing and CRT: What's new, what's controversial?	Andrew Turley	Middlesbrough, UK
10:30	British Heart Rhythm Society Guidelines for the management of patients with cardiac implantable electronic devices (CIEDs) around the time of surgery	Honey Thomas	Northumbria, UK
10:45	Discussion		
11:00	Close		



## Masterclass Devices 1 - The latest evidence... - Hall 8b

Chair: Holly Daw			London, UK
09:30	The latest evidence for conduction system pacing	Honey Thomas	Northumbria, UK
09:45	The latest evidence for rate response algorithms	Will Procter	London, UK
10:00	The latest evidence for intrinsic conduction algorithms	Anna Mills	Bury St. Edmunds, UK
10:15	The latest evidence for tachycardia programming strategies	Chloe Howard	York, UK
10:30	The latest evidence for ATP programming strategies	Jamie Walton	Birmingham, UK
10:45	The latest evidence for CRT optimisation algorithms	Eleri Roberts	Manchester, UK
11:00	Close		



## Oral Abstracts 1 - Allied and Service Development / Arrhythmia Clinical - Hall 11b

Chair: James Bilham, Richard Ang			London, UK, London, UK
Allied and Service Development			
09:30	OUTCOMES FROM A LOW BIVENTRICULAR PACING MDT SERVICE	Bethan Jones	London, UK
09:45	IMPROVING ADOPTION OF EVIDENCE-BASED IMPLANTABLE CARDIOVERTER DEFIBRILLATOR PROGRAMMING - A SINGLE CENTRE EXPERIENCE		
10:00	AUDITING THE CLINICAL ACCURACY OF REVEAL LINQ INTERPRETATION VIA EXTERNAL ANALYSIS PROVIDER FOCUS	Daniel Walker	Wolverhampton, UK
10:15	INCIDENCE AND TYPE OF ALERTS FOR LOW VOLTAGE DEVICES - A 12-MONTH HIGH VOLUME CENTRE EXPERIENCE FROM A DE-NOVO DEPLOYMENT	Amy Wharmby	London, UK
10:30	INCREASED ACTIVITY TARGETS REMOTE MONITORING FOR ALL PATIENTS SAME WORKFORCE NO CAPITAL FUNDING. HOW WILL THIS DEVICE CLINIC COPE?	Zoe Carter	London, UK
10:45	AF VIRTUAL WARD - THE WAY FORWARD	Susanne Armstrong	Leicester, UK
11:00	Break		



**Chair: Michael Koa-Wing, Milena Leo**

**London, UK,  
Portsmouth, UK**

Arrhythmia Clinical

11:45	ARRHYTHMIA ALLIANCE PATIENT SURVEY: REMOTE CARE WHAT IS THE IMPACT ON FOLLOW-UP?	Trudie Lobban, MBE	Winchester, UK
12:00	ARTIFICIAL INTELLIGENCE-ENABLED ELECTROCARDIOGRAM TO DISTINGUISH ATRIOVENTRICULAR RE-ENTRANT TACHYCARDIA FROM ATRIOVENTRICULAR NODAL RE-ENTRANT TACHYCARDIA	Arunashis Sau	London, UK
12:15	EFFECTS OF SODIUM-GLUCOSE COTRANSORTER-2 INHIBITORS ON VENTRICULAR ARRHYTHMIAS OR SUDDEN CARDIAC DEATH: A PROPENSITY SCORE- MATCHED POPULATION-BASED STUDY	Khalid Bin Waleed	London, UK
12:30	ARE CONSUMER-GRADE ECG DEVICES AS GOOD AS A 12 LEAD ECG? A COMPARISON OF THE APPLE WATCH SERIES 6 KARDIAMOBILE 6L AND WITHINGS SCANWATCH WITH THE 12 LEAD ECG	Stewart Brown	Taunton, UK
12:45	VIRTUAL WARDS - A FUTURISTIC INSIGHT INTO ATRIAL FIBRILLATION CARE	Ahmed Kotb	Leicester, UK
13:00	Discussion		
13:15	Close		



## Ablation and Pacing in the light of APAF-CRT - Hall 8a

Chair: Derek Connelly			Glasgow, UK
11:45	The evidence base for AV nodal ablation and pacemaker implant – what does APAF-CRT add to the existing evidence?	Howard Marshall	Birmingham, UK
12:00	Further insights from the APAF-CRT trial	Michele Brignole	Milan, IT
12:15	AV nodal ablation and His bundle pacing: are further trials needed?	Zachary Whinnett	London, UK
12:30	Debate - Pro - APAF-CRT should be implemented in high-risk patients with heart failure and atrial fibrillation	Archie Rao	Liverpool, UK
12:45	Debate Con - APAF-CRT should be implemented in high-risk patients with heart failure and atrial fibrillation	Kieran Docherty	Glasgow, UK
13:00	Discussion		
13:15	Close		



## ICD practical: How to... session - Hall 8b

Chair: Eleri Roberts		Manchester, UK	
11:45	Deactivate/Reactivate ICD shock therapy	Fiona Challoner	West Midlands, UK
12:15	ATP set up - Tips and tricks	Rosie Stone, Steven Martin	Manchester, UK, Crowthorne, UK
12:45	Manual delivery of ATP	Phil Durkin	Leeds, UK
13:15	Close		



## Remote monitoring management - efficiency and value - Hall 10b

Chair: Ian Pinnell			Oxford, UK
11:45	Managing remote monitoring alerts	Alice Read	Oxford, UK
12:00	Setting up the 'perfect' remote monitoring clinic	Ian Pinnell	Oxford, UK
12:15	When NOT to remote monitor	Dhanunjaya Lakkireddy	Kansas, US
12:30	Cost effectiveness and reimbursement	Paul Foley	Swindon, UK
12:45	Remote monitoring and COVID 19	Yanosha Janagan	London, UK
13:00	Value of non-arrhythmia remote monitoring diagnostics	Fozia Ahmed	Manchester, UK
13:15	Close		



## EP Traces Course - Hall 11a

**Chair: Adam Graham, Simon Modi, Vishal Luther**

**Eastbourne, UK,  
Liverpool, UK, Liverpool,  
UK**

11:45 Welcome, course objectives and 'How to approach the unknown tracing'

12:00 EP traces session 1

13:30 Lunch

14:00 EP traces session 2

15:30 Break

15:45 EP traces session 3

17:15 Break

17:30 EP traces session 4

19:00 Close



## Nurses Session 1 - Hall 11b

Chair: Angela Hall, Catherine Laventure, Sarah Clarke			Jersey, UK, Peterborough, UK, Essex, UK
14:30	The emotional and physical effects of using Virtual Reality in cardiology	Austin Gibbs	Jersey, UK
14:45	How can we keep AF out of the emergency department?	Cathryn Hall	Sussex, UK
15:00	The evolving role of the arrhythmia nurse specialist	Catherine Laventure	Peterborough, UK
15:15	Psychological support services for patients with arrhythmia	Simon Bowles	Norwich, UK
15:30	Women and palpitations - the role of hormones and menopause	Louise Newson	Stratford Upon Avon, UK
15:45	Discussion		
16:00	Close		



## HF and AF the chicken or the egg? Arrhythmia Alliance and British Society of Heart Failure Joint Session - Hall 8a

Chair: Becky Hyland , Ian Loke			Wiltshire, UK, Leicester, UK
14:30	The HF MDT	Simon Duckett	Stoke-on-Trent, UK
14:45	Palliative care in heart failure	Zaheer Yousef	Cardiff, UK
15:00	Optimising heart failure medication what is new in the guidelines	Maggie Simpson	Glasgow, UK
15:15	AF ablation in heart failure – a sceptic speaks	Andrew Clark	Hull, UK
15:30	A heart failure consultants perspective on managing VT	Dominic Kelly	Hampshire, UK
15:45	Devices in elderly heart failure patients	Di Barker	Stoke-on-Trent, UK
16:00	Close		



## EP Masterclass 1 - Hall 8b

Chair: Ross Hunter			London, UK
14:30	Ablation in the Vein of Marshall	Nicholas Derval	Bordeaux, FR
14:45	High power, short duration	Dhiraj Gupta	Liverpool, UK
15:00	High density mapping of AT/atypical flutters	Ross Hunter	London, UK
15:15	New strategies in AF ablation	Moloy Das	Newcastle Upon Tyne, UK
15:30	Non-invasive ablation of VT	Matthew Bates	Middlesbrough, UK
15:45	Discussion		
16:00	Close		



## Arrhythmia Nurses - Shared decision making in AF ablation - Biosense Webster - Hall 10b

**Chair: Angela Griffiths**

**Oxford, UK**

Discussing ablation as a treatment option

Ablation: what happens in the catheter lab?

Supporting patients post-ablation

Close



## BHRS Multicentre Trials Group - Hall 11b

Chair: Pier Lambiase			London, UK
16:45	How to use Wearable Technology for Arrhythmia Research	Dominik Linz	Maastricht, NL
17:00	The nitty gritty of EP clinical trials research-How to get it done	Prapa Kanagaratnam	London, UK
17:15	BHF Clinical Research Collaborative-Update and new developments	Allyson Arnold	London, UK
17:30	How to run a successful Clinical Research EP lab	Ross Hunter	London, UK
17:45	Optimal Trial Designs for Trials of Clinical Practice	Claire Martin	Cambridge, UK
18:00	Discussion		
18:15	Close		



## A practical approach to heart failure management - Hall 8a

Chair: Geraint Morton, Patricia Campbell			Portsmouth, UK, Northern Ireland, UK
16:45	SGLT inhibitors in heart failure - who, when and how?	Mark Petrie	Glasgow, UK
17:00	Data from devices - can it help heart failure care?	Fozia Ahmed	Manchester, UK
17:15	Acute management of decompensated heart failure with atrial fibrillation	Simon Duckett	Stoke-on-Trent, UK
17:30	The multi-disciplinary heart failure team - what is the role of the arrhythmia specialist?	Geraint Morton	Portsmouth, UK
17:45	How can an ICC (inherited cardiomyopathy clinic) benefit my patient with cardiomyopathy and arrhythmia?	Zachary Laksman	Vancouver, CA
18:00	Which patients with heart failure and arrhythmia need advanced heart failure care?	Adam McDiarmid	Newcastle Upon Tyne, UK
18:15	Close		



## Device Infection - how are we doing? - Hall 8b

Chair: Bruce Wilkoff, Jonathan Piccini			Cleveland, US, Durham, US
16:45	Arrhythmia Alliance and Mended Hearts Survey - To Highlight Patient Understanding of the Risk of Device Infection	Trudie Lobban, MBE	Winchester, UK
16:55	Challenges in the diagnosis & Treatment of Cardiac Implanted Electronic Device Infections	Jonathan Piccini	Durham, US
17:15	A Review of the EHRA Recommendations on CIED Infection	Carina Blomstrom-Lundqvist	Uppsala, SE
17:25	Preventing CIED infection	Bruce Wilkoff	Cleveland, US
17:35	Improving Survival after CIED Infection & Treatment	Christopher Rinaldi	London, UK
17:45	Surgical Management of the CIED Pocket – An ounce of prevention is worth a pound of cure	Roger Freedman	Utah, US
17:55	Panel Discussion		
18:30	Close		



# 10 Oct 2022, IN-PERSON AND ONLINE - Monday's Scientific Sessions

## EP Masterclass 2 - Hall 10a

Chair: Eleri Roberts			Manchester, UK
08:30	Types of refractory periods: what are they and why do they matter?	Fu Siong Ng	London, UK
08:45	Re-entry: how to identify it and what it means for mapping?	Joseph De Bono	Birmingham, UK
09:00	Tachycardias resulting from triggered automaticity	Afzal Sohaib	London, UK
09:15	What determines the haemodynamic consequences of a tachycardia?	Ian Wright	London, UK
09:30	Discussion		
10:00	Close		



## EGM Championships - Hall 11a

Chair: Stuart Allen		Manchester, UK
Panel	Christopher Monkhouse, Honey Thomas, Paul Doherty	London, UK, Northumbria, UK, Solihull, UK



## AF Association Symposia 1 & 2 - Pre Recorded Session - Hall 7b

<b>Chair: Ben Freedman, Jeroen Hendriks</b>		<b>Sydney, AU, Maastricht, NL; Adelaide, AU</b>
AF Detection in different context - How do we get it right for the local population?		
What works for whom in AF screening - A realist review	Coral Hanson	Edinburgh, UK
AF Screening in indigenous populations	Suud Nahdi	Sydney, AU
Rural screening for AF	Jessica Orchard	Sydney, AU
Pharmacy based AF screening	Filipa Alves da Costa	Lisbon, PT
AF detection in Vaccine Clinics	Nithya Nanda, Trudie Lobban, MBE	Slough, UK, Winchester, UK
Discussion		
<b>Chair: Dhiraj Gupta, Sanjiv Narayan</b>		<b>Liverpool, UK, Palo Alto, US</b>
Correct Drugs vs Ablation		
Do the outcomes of early rhythm control with catheter ablation extend to patients with persistent AF too?	Dhiraj Gupta	Liverpool, UK



The impact of anti-arrhythmic drugs on Atrial fibrillation burden	Paulus Kirchhof	Hamburg, DE
The role of omega-3 fatty acids in atrial fibrillation management	Christine Albert	Los Angeles, US
Machine Learning to Guide Ablation and Drug Therapy for Atrial Fibrillation	Sanjiv Narayan	Palo Alto, US
What does Surgical Therapy for Atrial Fibrillation add to Catheter Ablation?	David DeLurgio	Atlanta, US
Future Trials to Advance Ablation Therapy for Atrial Fibrillation	Atul Verma	Toronto, CA



## Oral Abstracts 2 - Highest Scoring Abstracts / Arrhythmia Mechanisms / In Silico Tools - Hall 3a

**Chair: Mark Specterman, Moloy Das**

**London, UK,  
Newcastle  
Upon Tyne, UK**

Highest Scoring Abstracts

08:30	THE ELECTROPHYSIOLOGIC SUBSTRATE OF BRUGADA SYNDROME PATIENTS CAN BE REVEALED BY ELECTROCARDIOGRAPHIC IMAGING	Ji-jian Chow	London, UK
08:45	REAL-WORLD RESULTS OF OESOPHAGEAL PROTECTION DURING LEFT ATRIAL ABLATION	Lisa Leung	London, UK
09:00	SILENT VEINS DURING CRYOBALLOON ABLATION OF ATRIAL FIBRILLATION AS A NOVEL AND INDEPENDENT PREDICTOR OF LONG-TERM OUTCOME: RESULTS FROM THE MIDDELHEIM-PVI REGISTRY 2	Yves De Greef	Antwerp, BE
09:15	PREDICTORS AND CLINICAL VALUE OF LATE GADOLINIUM ENHANCEMENT ON CMR IN PATIENTS WITH PREMATURE VENTRICULAR CONTRACTIONS AND NORMAL ECHOCARDIOGRAM	Wei Chin Ng	London, UK
09:30	REDEFINING ATRIAL SCAR: AN ANALYSIS USING PACING THRESHOLDS ELECTROGRAM AMPLITUDES AND LOCAL IMPEDANCE. CAN WE IMPROVE ON 0.05 AND 0.5MV?	Alexander Bates	Southampton, UK



09:45	THE EFFECT OF HIS BUNDLE PACING VS. CONVENTIONAL BIVENTRICULAR PACING ON REPOLARISATION IN PATIENTS WITH HEART FAILURE WITH REDUCED EJECTION FRACTION AND LEFT BUNDLE BRANCH BLOCK	Jack Samways	London, UK
10:00	Break		
<b>Chair: Mark Specterman, Mology Das</b>			<b>London, UK, Newcastle Upon Tyne, UK</b>
Arrhythmia Mechanisms / In Silico Tools			
10:45	CREATING PATIENT-SPECIFIC ATRIAL FIBRILLATION MODELS FROM IMAGING & ELECTROANATOMIC MAPPING DATA	Giulia Raffaele	London, UK
11:00	HEART RHYTHM VARIABILITY IN PATIENTS WITH ATRIAL FIBRILLATION AND ATRIAL FLUTTER DEPENDING ON IMMUNE STATUS SYSTEMIC INFLAMMATION AND RENIN-ANGIOTENSIN-ALDOSTERONE SYSTEM ACTIVITY	Olena Ilchyshyna	Kyiv, UA
11:15	ARTIFICIAL INTELLIGENCE-ENABLED ELECTROCARDIOGRAM TO DISTINGUISH CAVOTRICUSPID ISTHMUS DEPENDENCE FROM OTHER ATRIAL TACHYCARDIA MECHANISMS	Arunashis Sau	London, UK
11:30	UHF-ECG DETECTED QRS FRACTIONATION PREDICTS ARRHYTHMIC RISK IN PATIENTS WITH HEREDITARY ARRHYTHMIC CONDITIONS	Keenan Saleh	London, UK



11:45	THE ELECTROPHYSIOLOGICAL SUBSTRATE OF HCM AND PROPENSITY TO VENTRICULAR FIBRILLATION AS MEASURED BY ECG IMAGING	Ji-jian Chow	London, UK
12:00	ASSESSMENT OF SCAR BETWEEN ATRIA RHYTHMS AND ATRIAL FIBRILLATION TYPES. DOES ULTRA HIGH DENSITY MAPPING OFFER NEW INSIGHTS?	Alexander Bates	Southampton, UK
12:15	Close		



## STARS Symposium - Hall 9

### PACEMAKERS AND SYNCOPE

<b>Chair: Richard Sutton, Robert Sheldon, Zachary Whinnett</b>			<b>Monte Carlo, MC, Calgary, CA, London, UK</b>
08:30	Patient selection for pacing: age, symptoms, and effect of clustering	Axel Brandes	Odense, DK
08:45	Patient selection for pacing: importance of cardioinhibition, timing, and vasodepression	Richard Sutton	Monte Carlo, MC
09:00	Beyond cardioinhibition. What additional benefits does CLS pacing bring to the patient with mixed vasodepressor and cardioinhibitory responses?	Richard Sutton	Monte Carlo, MC
09:15	Syncope recurrence after pacing	Artur Fedorowski	Stockholm, SE
09:30	Narrow QRS heart block, adenosine, and pacemakers	Ahran Arnold	London, UK
09:45	Syncope and bifascicular block: EP studies, ILRs, or pacemakers?	Robert Sheldon	Calgary, CA
10:00	Break		
<b>PRACTICAL ISSUES IN SYNCOPE MANAGEMENT</b>			



Chair: Mehran Asgari, Robert Sheldon			Inverness, UK, Calgary, CA
10:45	First contact: complementary roles of risk assessment and diagnosis	Mehran Asgari	Inverness, UK
11:00	ED patient: arrhythmia outcomes and ECG recordings in first 2 weeks	Robert Sheldon	Calgary, CA
11:15	Older syncope clinic patients with non-informative histories and ECGs: tilt, ILR, other, or none?	Robert Sheldon	Calgary, CA
11:30	Tilt testing: when do I need to do a tilt test?	Boon Lim	London, UK
11:45	Drugs for vasovagal syncope: midodrine, fludrocortisone, atomoxetine	Satish Raj	Calgary, CA
12:00	Syncope in the elderly with resting hypertension	Giulia Rivasi	Florence, IT
12:15	Lunch		
PoTS AND LONG-COVID			
Chair: Nicholas Gall, Satish Raj			London, UK, Calgary, CA
13:30	PoTS, PoTS Plus, or simply fellow travellers?	Lesley Kavi	Warwickshire, UK
13:45	PoTS: new medical and non-medical treatment	Satish Raj	Calgary, CA



14:00	PoTS and autoimmunity: Taking science to treatment	Artur Fedorowski	Stockholm, SE
14:15	Long COVID: autonomic dysfunction or microvascular dysfunction?	Nicholas Gall	London, UK
14:30	Long COVID: A diagnosis and management primer	Melanie Dani	London, UK
14:45	Long COVID: The value of a holistic approach?	Melanie Dani	London, UK
15:00	Break		
LIFE AT THE EDGE OF SYNCOPE RESEARCH			
<b>Chair: Robert Sheldon, Sebastian Stec</b>			<b>Calgary, CA, Warsaw, PL</b>
15:55	1a. Cardioneuroablation: evidence and approaches	Sebastian Stec	Warsaw, PL
16:05	1b. Cardioneuroablation: patient selection, study outcomes	Boon Lim	London, UK
16:15	2a Great opportunities in Syncope	Artur Fedorowski	Stockholm, SE
16:45	2b. Great opportunities in Syncope	Richard Sutton	Monte Carlo, MC
16:35	2c. Great opportunities in Syncope	Robert Sheldon	Calgary, CA
16:55	3. Open discussion		



17:15 Close

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## Paediatric Session - Hall 10b

### SESSION 1

Chair: Eric Rosenthal, Vinay Bhole			London, UK, Birmingham, UK
08:30	Action potential made easy: key to understanding arrhythmia mechanisms to guide treatment	Vinay Bhole	Birmingham, UK
08:50	What is sinus rhythm, and sinus node related arrhythmia, IST, SART, POTS, SAEB, SA, SSS?	Eric Rosenthal	London, UK
09:10	Atrial tachycardia diagnostic pearls and effective acute management options: adenosine, DC shock or IV medication?	M Cecilia Gonzalez Corcia	Bristol, UK
09:30	Fundamentals of AVN reentry tachycardia: how to recognise and manage it?	Graham Stuart	Bristol, UK
09:50	Questions		
10:00	Break		

### SESSION 2

Chair: Graham Stuart, Orhan Uzun			Bristol, UK, Cardiff, UK
10:45	Paediatric algorithms to differentiate wide complex SVT from VT: can we apply adult criteria?	Carolina Escudero	Edmonton, CA



11:05	Why documenting tachycardia at start and termination would be of help in the diagnosis and management of arrhythmias?	Susan Etheridge	Utah, US
11:25	Pharmacological or DC cardioversion of atrial flutter and fibrillation in children: how to do and when to do it?	John Friedman	Boston, US
11:45	Pharmacological conversion of VT versus DC cardioversion: how to do it safely and effectively?	Alpay Celiker	Istanbul, TR
12:05	Questions		
12:15	Lunch		
SESSION 3			
<b>Chair: M Cecilia Gonzalez Corcia , Susan Etheridge</b>			<b>Bristol, UK, Utah, US</b>
13:30	How to deliver safe anaesthetics for LQT, CPVT and Brugada, time to develop guidelines?	Tim Murphy	Bristol, UK
13:50	How to manage preoperative arrhythmias in congenital heart disease?	M Cecilia Gonzalez Corcia	Bristol, UK
14:10	How to manage acute postoperative arrhythmias in paediatric intensive care?	Susan Etheridge	Utah, US
14:30	How to manage chronic persistent postoperative arrhythmias in congenital heart disease?	Alpay Celiker	Istanbul, TR



14:50 Questions

15:00 Break

#### SESSION 4

**Chair: John Triedman, Orhan Uzun**

**Boston, US,  
Cardiff, UK**

15:45 What should not we miss when we look at the paediatric ECG? Anjan Batra California, US

16:05 What to look for on intracardiac EMG during SVT and VT mapping? John Triedman Boston, US

16:25 Left Bundle Branch Pacing in Children and CHD patients Ferran Roses-Noguer London, UK

16:45 Effective and disease specific programming of ICD in children: tips and tricks Jan Till London, UK

17:05 Questions

#### SESSION 5 - PAEDIATRIC ABSTRACT DISCUSSION

**Chair: Jan Till, M Cecilia Gonzalez Corcia**

**London, UK,  
Bristol, UK**

17:15 LATE PRESENTATION OF WOLFF-PARKINSON-WHITE SYNDROME IN CHILDREN WITH PREVIOUSLY NORMAL ELECTROCARDIOGRAM (ECG) - A CASE SERIES Muthukumaran Ravichandran Cardiff, UK



17:30 Close

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## What is the future of One Shot balloon PVI? - Biosense Webster Session - Interactive Area - Exhibition Hall

Chair: Andre Ng			Leicester, UK
08:45	Innovation in One Shot balloon based PVI?	Malcolm Finlay	London, UK
09:20	Is Skin to skin PVI in 30mins possible?	Justo Julia Calvo	Brighton, UK
10:00	Close		



## Cases and Traces - Hall 3b

Chair: Archie Rao, Nick Kelland			Liverpool, UK, Sheffield, UK
10:45	BIV TRIGGER PACING - KEPT HIM ALIVE	Ruben Lamelas	London, UK
10:55	THREE TIMES FOR A WELSHMAN - LESSONS LEARNT FROM AN SVT THAT WOULDN'T GO AWAY	Dewi Thomas	Swansea, UK
11:05	THREE TYPES OF SVT IN THE SAME PATIENT	Amar Alhamdi	Sulaimanya, IQ
11:15	ATRIAL PACING INDUCED OVERSENSING IN SUBCUTANEOUS IMPLANTABLE CARDIOVERTER DEFIBRILLATOR	Amy Wharmby	London, UK
11:25	HIGH FREQUENCY ECG MAPS DEMONSTRATING RESYNCHRONISATION WITH LEFT BUNDLE BRANCH PACING FOLLOWING FAILED CRT		
11:35	SHOULD PERCUTANEOUS CORONARY INTERVENTION OF TOTALLY OCCLUDED VESSELS BE ROUTINELY UNDERTAKEN IN PATIENTS PRESENTING WITH ISCHAEMIC VENTRICULAR TACHYCARDIA STORMS?	Sanjiv Petkar	Wolverhampton, UK
11:45	SUCCESSFUL SHORT-TERM SALVAGE OF AN EXTERNALISED CARDIAC IMPLANTABLE ELECTRONIC DEVICE GENERATOR WITH TAUROLIDINE - A CASE REPORT	Benito Baldauf	Kiel, DE
11:55	CARDIAC ARREST - QUERY CAUSE	Akriti Naraen	Liverpool, UK



12:05 THE PATH OF LEAST RESISTANCE

Mark Anthony  
Sammut

Sheffield, UK

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12:15 Close

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## Pacing - Arrhythmia Alliance Symposia 2 - Hall 10a

Chair: Francis Murgatroyd, Zachary Whinnett			London, UK, London, UK
10:45	How to approach the patient with challenging venous access	Francisco Leyva	Birmingham, UK
11:00	Conduction System Pacing for bradycardia: When, why and how?	Badrinathan Chandrasekaran	Wiltshire, UK
11:15	Conduction system pacing for CRT: When and how to deliver	Pugazhendhi Vijayaraman	Pennsylvania, US
11:30	Programming conduction system pacing	Jonathan Lyne	Dublin, IE
11:45	Should Leadless Pacing be first line therapy?	Chris Pepper	Leeds, UK
12:00	Challenging LV lead implantation: the role of interventional CRT	Nik Patel	Eastbourne, UK
12:15	Close		



## Merging expertise to advance AF treatment - AtriCure - Interactive Area - Exhibition Hall

Chair: Randall Lee, Riyaz Kaba		San Fransico, US, London, UK
Capstones and limitations of interventional strategy in AF management	Syed Ahsan	London, UK
Integrating the hybrid convergent approach into clinical practice	Jaswinder Gill	London, UK
Surgical approach to AF: current state-of-the-art	George Krasopoulos	Oxford, UK
LAA management for AF patients: a plus or a must?	Randall Lee	San Fransico, US



## 40 Years of Ablation, what have we learned? - BHRS Session - Hall 11a

Chair: Alistair Slade, Derek Connolly			Truro, UK, Glasgow, UK
10:45	Ablation for SVT - is there anything more to learn?	Edward Rowland	London, UK
11:00	Ablation for ventricular arrhythmias - state of the art	Claire Martin	Cambridge, UK
11:15	Mapping systems - where are we and what do we need?	Ashley Nisbet	Bristol, UK
11:30	Persistent AF - the final frontier?	Ross Hunter	London, UK
11:45	Discussion		
12:15	Close		



## Basic Science Primer - Hall 11b

Chair: Malcolm Finlay, Mark Specterman			London, UK, London, UK
FOCUS ON GENETICS AND FUTURE THERAPIES			
10:45	ATG to TAG of arrhythmias and sudden cardiac death	Chiara Srocco	London, UK
10:55	Will an EP ever need to know how... and why... to edit a gene?	Patricia Munroe	London, UK
11:05	Discussion		
FOCUS ON INFLAMMATION AND ARRHYTHMIA			
11:15	Arrhythmia... what a flaming nuisance	Fu Siong Ng	London, UK
11:25	ARVC and arrhythmia, it can be a bit hot and cold	Angeliki Asimaki	London, UK
11:35	Discussion		
FOCUS ON AF MAPPING			
11:45	Mapping AF: isn't that trying to produce a map of an ever changing map?!	Andre Ng	Leicester, UK
11:55	Predicting the future: the state of whole organ modelling and simulation of the heart	Jenny Wang	Oxford, UK
12:05	Discussion		



12:15    Close

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## Ben Freedman Lecture - Hall 11b

13:30	The role of Cardiac Nurses and allied professionals in research and advocacy in early detection and appropriate management of AF	Lis Neubeck	Edinburgh, UK
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14:30	Close		
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## Heart Rhythm Trainee Session - Hall 7b

Chair: Heather Edwards, Nikhil Ahluwalia			Cardiff, UK, London, UK
13:30	Use of intracardiac echo during EP procedures	Matthew Lovell	Devon, UK
13:45	Q&A		
14:00	How to spot an unusual pathways during a diagnostic EP study	Ashley Nisbet	Bristol, UK
14:15	Q&A		
14:30	Stereotatic Ablative Radiotherapy for Refractory Ventricular	Anish Bhuvu	London, UK
14:45	Q&A		
15:00	Close		



## Masterclass Devices 2 - Pacing is good right? - Hall 11a

Chair: Holly Daw			London, UK
13:30	Pacing, the new and wonderful	Christopher Monkhouse	London, UK
13:45	Autocapture: benefits and the overlooked	Kayleigh Mather	Northumbria, UK
14:00	Optimal Pacing modes- GIRFT	James Elliott	London, UK
14:15	Pacing Induced tachycardias: What is the Mechanism?	Ross Haynes	Uxbridge, UK
14:30	Optimising ATP, the art within ICD programming	Rebecca Imms	Oxford, UK
14:45	Discussion		
15:00	Close		



## Discover how digital technology is helping to reduce pressure on the NHS, empower patients and deliver personalised care - Huma - Hall 3b

Digital technology is helping to transform care for patients with heart failure and other chronic conditions. Join our panel session to find out how remote patient monitoring is helping to both empower patients and improve health outcomes within the NHS. We'll look at real-world case studies showing the use of this technology to effectively manage heart failure patients and prioritise cardiac surgery waiting lists.

Chair: Arrash Yassaee			London, UK
13:30	Speaker 1	Neville Young	York, UK
14:00	Speaker 2	Mandie Welch	Pontyclun, UK
14:30	Speaker 3	Sunil Bhudia	London, UK
15:00	Close		



## **CRT: Furthering the reach and improving outcomes - Abbott - Hall 10a**

<b>Chair: Niresh Varma</b>		<b>London, UK</b>	
13:30	Responder levels are good – but could they be great?	Niresh Varma	London, UK
13:55	Academic to Pragmatic: How do we take the research and apply it to our practices?	Mike Chapman	Middlesbrough, UK
14:20	"Getting it Right First Time" and CRT device Optimisation	Eleri Roberts	Manchester, UK
14:45	Close		



## **Pulsed Field Ablation is it a game changer for EP services in the UK? - Boston Scientific - Interactive Area - Exhibition Hall**

<b>Chair: Claire Martin</b>			<b>Cambridge, UK</b>
13:30	Welcome & an Introduction to PFA	Claire Martin	Cambridge, UK
13:40	The Learning Curve into Pulsed Field Ablation: FARAPULSE Experience at Papworth	Patrick Heck	Cambridge, UK
14:00	The Liverpool Farapulse Experience and how do we Integrate PFA into the NHS?	Derick Todd	Liverpool, UK
14:20	Clinical Evidence Building for the Future of Pulse Field Ablation	Claire Martin	Cambridge, UK
14:40	Q&A		
15:00	Close		



## Young Investigators Competition - Hall 3a

Chair: Fu Siong Ng, Neil Herring, Pier Lambiase, Rachel Myles, Sabine Ernst			London, UK, Oxford, UK, London, UK, Glasgow, UK, London, UK
Clinical Science			
13:30	IMPACT OF LEFT VENTRICULAR SCAR BURDEN ON ACUTE RESPONSE TO CONDUCTION SYSTEM PACING	Nadine Ali	London, UK
14:00	YIELD OF 12-LEAD 24-HOUR AMBULATORY ECG MONITORING IN THE IDENTIFICATION OF A SPONTANEOUS TYPE 1 BRUGADA PATTERN AND ITS PROGNOSTIC VALUE. A SUB-STUDY OF THE BHF RASE BRUGADA PROJECT	Chiara Scrocco	London, UK
14:30	CARDIAC RESYNCHRONISATION THERAPY ACUTELY ALTERS CARDIAC METABOLIC SUBSTRATE UPTAKE CORRELATING WITH IMPROVEMENTS IN SYSTOLIC FUNCTION AND LONG-TERM REVERSE REMODELLING	Peregrine Green	Oxford, UK
15:00	Break		
Basic Scientist			
15:45	SELECTIVE T-TYPE CALCIUM CURRENT BLOCK AFFECTS ACTION POTENTIAL DYNAMICS IN MURINE ATRIAL MYOCYTES	Aled Jones	London, UK



16:15	DEFINING THE LOCAL IMMUNE DRIVERS IN ATRIAL FIBRILLATION: THE ROLE OF TISSUE-RESIDENT MEMORY T CELLS	Vishal Vyas	London, UK
16:45	THE EFFECT OF RADIOTHERAPY ON THE VOLTAGE OUTPUT OF CARDIAC IMPLANTABLE DEVICES	Amy Fenwick	Newcastle Upon Tyne, UK
17:15	Close		



## Moderated Posters 1 - Poster Area - Exhibition Hall

Chair: Malcolm Finlay, Mark Specterman			London, UK, London, UK
15:00	IMMEDIATE INPATIENT IMPLANTABLE LOOP RECORDER IMPLANTATION FOR THE DETECTION OF ATRIAL FIBRILLATION IN CRYPTOGENIC STROKE	Jacqueline Hunt	Eastbourne, UK
15:05	FIRST WORLDWIDE REPORT OF CT/TOE FUSION TOOL TO GUIDE ELECTROPHYSIOLOGY PROCEDURES	Gonca Suna	Cambridge, UK
15:10	DRUG-RELATED ATRIOVENTRICULAR CONDUCTIVE DISORDERS - A PREDICTIVE-ORIENTED APPROACH	Dragos Marcu	Iasi, RO
15:15	TRANSVENOUS LEAD EXTRACTION: A SINGLE CENTRE EXPERIENCE OF THE TANDEM PROCEDURE	Zaki Akhtar	London, UK
15:20	OMNIPOLAR ELECTROGRAMS ARE MORE CONSISTENT AND IMPROVE SUBSTRATE CHARACTERISATION IN HUMAN ATRIAL FLUTTER	Dimitrios Panagopoulos	Oxford, UK
15:25	APPLICATION OF THE MADIT ICD BENEFIT SCORE TO A TERTIARY UK CENTRE PRIMARY PREVENTION POPULATION	Nikesh Jathanna	Nottingham, UK
15:30	INITIAL EXPERIENCE OF A NOVEL RADIOFREQUENCY WIRE-BASED TRANSSEPTAL PUNCTURE SYSTEM	Fazlullah Wardak	Southampton, UK



15:35	PATIENTS WITH SEVERE SYSTOLIC HYPERTENSION REQUIRING PACEMAKER IMPLANTATION ARE MORE LIKELY TO HAVE PRESERVED LEFT VENTRICULAR SYSTOLIC FUNCTION; AN OBSERVATIONAL STUDY	David Morgan	Lincoln, UK
15:40	ASSESSMENT OF OPTIMAL THRESHOLDS FOR VENTRICULAR SCAR SUBSTRATE CHARACTERIZATION	Fatima Bangash	Basildon, UK
15:45	Close		



## Nurses 2 - Steps in Research Progression - Hall 3b

Chair: Angela Hall, Catherine Laventure			Jersey, UK, Peterborough, UK
15:45	One week follow up post-ablation telephone calls	Jessica Burrell	Birmingham, UK
16:00	Evaluating if lifestyle interventions are addressed in accordance with best practice guidelines for AF: a clinical audit	Leigh Isaac	Oxford, UK
16:15	ILR outcomes from the TLOC clinic	Kelly Anne Kinsella	Jersey, UK
16:30	The UK experience of PoTS: SSPoTS study Phase 1 results of healthcare practitioners and people with PoTS interviews	Helen Eftekhari	Coventry, UK
16:45	Does BMI affect patient quality of life, symptoms and patient experiences following AF ablation? A mixed methods study	Angela Griffiths	Oxford, UK
17:00	Should we be screening people with diabetes, for AF?	Angela Hall	Jersey, UK
17:15	Close		



## Telemedicine and Digital Cardiology - Hall 10a

Chair: Shouvik Haldar, Wajid Hussain			London, UK, London, UK
15:45	DEBATE: Every arrhythmia patient consultation should be VIRTUAL		
	PRO	Mark Mason	London, UK
	CON	Andreas Kyriacou	Sheffield, UK
16:15	Impact of wearables on real world clinical practice in arrhythmias	Lis Neubeck	Edinburgh, UK
16:30	Predicting the Future with ECGs	Paul Friedman	Rochester, US
16:45	Discussion		
17:15	Close		



## Genetics of Sudden Death - Beyond the Mendelian Paradigm Arrhythmia Alliance & Heart Rhythm Society Joint Session - Hall 11a

Chair: Andrew Krahn, Francis Murgatroyd			Vancouver, CA, London, UK
15:45	Family Evaluation: Who gets what kind of genetic testing?	Andrew Krahn	Vancouver, CA
16:00	Polygenic Risk Scores and Sudden death	Patricia Munroe	London, UK
16:15	Caring for Families: The ICC Approach	Ellie Quinn	London, UK
16:30	Whole exome and genome sequencing in sudden death: pearls and pitfalls	Elijah Behr	London, UK
16:45	AI, Data science and genetics: Can complicated processes lead to simple solutions?	Sanjiv Narayan	Palo Alto, US
17:00	Panel Discussion		
17:15	Close		



## **S-ICD Symposium title: S-ICD First: Driving Device Therapy Excellence within the NHS - Boston Scientific - Interactive Area - Exhibition Hall**

<b>Chair: Tim Betts</b>			<b>Oxford, UK</b>
15:45	Welcome and Introduction	Tim Betts	Oxford, UK
15:50	Establishing an S-ICD First Approach within a Large UK Tertiary Centre	Christopher Monkhouse	London, UK
16:05	Starting Regional Anaesthesia for S-ICD Implantation – The Cardiologist Perspective	Duncan Field	Colchester, UK
16:20	Regional Anesthesia and Sedation – The Anaesthetist Perspective	Parthipan Jegendirabose	Colchester, UK
16:35	A Patient Journey – The Nottingham Experience	Jenny Chuen	Nottingham, UK
16:50	Q&A		
17:15	Close		

**11 Oct 2022, IN-PERSON AND ONLINE -**



## Tuesday's Scientific Sessions

### John Camm Lecture - Hall 11b

08:30	Still Chasing the Red of the Rainbow? Time to move on with Advances in 3D mapping!	Prapa Kanagaratnam	London, UK
09:30	Close		



## GUCH 1 - Hall 3a

Chair: Ashley Nisbet, Vivienne Ezzat			Bristol, UK, London, UK
08:30	Dilemmas in AF management for patients with atrial septal defect	Vivienne Ezzat	London, UK
09:00	Overcoming challenges in ablation in Ebstein's anomaly	Arthur Yue	Southampton, UK
09:30	How to apply new technologies for ablation in ACHD	Sabine Ernst	London, UK
10:00	Close		



## AF and co-morbidities based on case studies - PCCS 1 - Hall 3b

Chair: Guy Haywood, Matthew Fay		Plymouth, UK, Bradford, UK	
08:30	Managing AF and Heart Failure	Jim Moore	Cheltenham, UK
09:00	Managing AF and IHD	Derek Connolly	Birmingham, UK
09:30	Managing AF and diabetes	Andrew Turley	Middlesbrough, UK
10:00	Close		



## Year in review 1 - What's new in arrhythmia care - Hall 9

Chair: Bruce Wilkoff, Tim Betts			Cleveland, US, Oxford, UK
08:30	Out of hospital cardiac arrest	Gavin Perkins	Warwick, UK
08:50	Pharmacology and CRM	Joseph De Bono	Birmingham, UK
09:10	Risk stratification in channelopathies	Rachel Bastiaenen	London, UK
09:30	Device Extraction	Bruce Wilkoff	Cleveland, US
09:50	Discussion		
10:00	Close		



## EP Masterclass 3 - Hall 10b

Chair: Donah Zachariah, Ian Wright			Stoke-on-Trent, UK, London, UK
08:30	The good the bad and the ugly: mortality and accessory pathways - a review of the evidence	John Paisey	Southampton, UK
09:10	Atypical pathways: from Mahaim to PJRT	Ian Wright	London, UK
09:30	3D mapping of accessory pathways	Vishal Luther	Liverpool, UK
09:50	Discussion		
10:00	Close		



## Sudden Unexpected Cardiac Death: An improved pathway of care - AICC - Hall 10a

Chair: Jan Till, Stephen Page			London, UK, Leeds, UK
08:30	Why is it important?	Elijah Behr	London, UK
08:45	The role of the pathologist	Jo Westaby	London, UK
09:00	The role of the coroner	Louise Hunt	Birmingham, UK
09:15	What can we expect from a molecular autopsy	William Newman	Manchester, UK
09:30	Sudden cardiac arrest pathway	Greg Mellor	Cambridge, UK
09:45	Discussion		
10:00	Close		



## Screening for Atrial Fibrillation: What Progress? - A-A & EHRA Joint Session - Hall 11a

Chair: Jose Merino, Shouvik Halder			Madrid, ES, London, UK
08:30	Opportunistic Screening for Atrial Fibrillation - Is this Enough?	Ben Freedman	Sydney, AU
08:45	Age Focused Systematic Screening for Atrial Fibrillation - The Swedish Experience	Emma Svennberg	Stockholm, SE
09:00	Continuous Loop Recorder Screening for Atrial Fibrillation - Is it Worthwhile?	Renate Schnabel	Hamburg, DE
09:15	ECG screening after Ischaemic Stroke - How Much is Enough?	John Camm	London, UK
09:30	Lay Screening for Atrial Fibrillation - A Deluge of Data	Axel Brandes	Odense, DK
09:45	Approval for Screening - Why are we Waiting and What For?	Jonathan Mant	Cambridge, UK
10:00	Close		



## The Adam Fitzpatrick Plenary Session - Disruptive technologies and strategies in arrhythmia management - entering a new era - Hall 9

Chair: Edward Rowland, John Camm			London, UK, London, UK
10:45	Is Pulse Field Ablation set to become the new gold standard for catheter ablation?	Hugh Calkins	Baltimore, US
11:15	Left bundle branch pacing looks increasingly promising as the new default brady pacing strategy?	Pugazhendhi Vijayaraman	Pennsylvania, US
11:45	Are wearables and personal ECG devices capable of rendering traditional ambulatory monitoring obsolete?	David Albert	Los Angeles, US
12:15	Close		



## AF Detection and management in primary care - PCCS 2 - Hall 10a

Chair: Beverley Bostock , Matthew Fay		Moreton in Marsh, UK, Bradford, UK	
13:30	Where are we Nationally with AF detect, protect, perfect	Helen Williams	London, UK
14:00	Should we or should we not screen for AF in primary care	Jonathan Mant	Cambridge, UK
14:30	Artificial Intelligence/IT in AF detect, protect, perfect	Ahmet Fuat	Durham, UK
15:00	Close		



## Year in review 2 - What's new in arrhythmia care - Hall 9

Chair: Andrew Turley, Joseph De Bono		Middlesbrough, UK, Birmingham, UK	
13:30	ICD therapy in DCM	Colin Cunnington	Manchester, UK
13:50	Latest bradycardia pacing approaches	Mike Chapman	Middlesbrough, UK
14:10	Latest advances in EP	Tim Betts	Oxford, UK
14:30	Syncope	Nicholas Gall	London, UK
14:50	Discussion		
15:00	Close		



## How digital health can improve the care and outcomes of patients with or at risk for Atrial Fibrillation - Arrhythmia Alliance Symposia 3 - Hall 10b

Chair: David Albert			Los Angeles, US
13:30	The Role of Digital Health in Managing Patients with Atrial Fibrillation	Shouvik Haldar	London, UK
13:45	Subclinical Atrial Fibrillation: To Screen or Not To Screen	Emma Svennberg	Stockholm, SE
14:00	TBC	David Albert	Los Angeles, US
14:15	My Patient Has AHRE on His Pacemaker Interrogation: What Should I Do?	Paulus Kirchhof	Hamburg, DE
14:30	Continuous of monitoring of AF with wearables: How reliable is it?	Chanho Lim	New Orleans, US
14:45	Discussion		
15:00	Close		



## LIVE CRT Optimisation - Optimising the CRT patient longer-term - Hall 3a

Chair: Michael Kuehl		Rugby, UK	
	Panel	Philip Moore, Rebecca Imms	London, UK, Oxford, UK
13:30	CRT Pre-Assessment: 'The right device for the right patient'	Andrew Hancock	Rotherham, UK
13:45	Managing the CRT patient: 'Remote Monitoring the next level - the hybrid approach'	Mark Squirrel	London, UK
14:10	Optimising CRT: 'Bridging Community & Secondary Care - the holistic approach'	Sarah Winsor	Leeds, UK
14:35	Panel Q&A		
15:00	Close		



## Oral Abstracts 3 - Devices / Mapping and Ablation - Hall 11a

Chair: Francisco Leyva			Birmingham, UK
Devices			
13:30	WHEN TO MEASURE CHANGES DURING CRT OPTIMISATION. GUIDANCE FROM COMPUTER SIMULATION STUDIES	Ian Turner	Cambridge, UK
13:45	SYNCOPE IN ICD RECIPIENTS -DATA FROM UNSELECTED PATIENTS IN A REAL WORLD SETTING		
14:00	PREDICTING PERMANENT PACEMAKER IMPLANTATION AFTER TRANSCATHETER AORTIC VALVE IMPLANTATION (TAVI) -BUILDING A RISK SCORE CALCULATOR	Jiaqi Li	Cambridge, UK
14:15	CARDIAC COMPUTED TOMOGRAPHY PRIOR TO CARDIAC RESYNCHRONISATION THERAPY UPGRADE ENHANCES PRE-PROCEDURAL PLANNING BY ACCURATELY PREDICTING CORONARY SINUS TARGET VESSEL LOCALISATION AND VENOUS ACCESS PATENCY		
14:30	LONG-TERM FOLLOW-UP AND PROCEDURAL SAFETY OF PACEMAKER IMPLANTATION IN NONAGENARIANS	Aysha Goma	Eastbourne, UK
14:45	OPTIMISING PACEMAKER THERAPY USING MULTI-POINT PACING (THE OPT-MPP STUDY)	John Gierula	Leeds, UK
15:00	Break		



**Chair: Arthur Yue**

**Southampton,  
UK**

Mapping and Ablation

15:45	PATIENT EXPERIENCE OF VERY HIGH POWER SHORT DURATION RADIOFREQUENCY ABLATION FOR ATRIAL FIBRILLATION UNDER MILD CONSCIOUS SEDATION	Gavin Chu	Blackpool, UK
16:00	INTEGRATION OF STRUCTURAL AND FUNCTIONAL DATA IN VT ABLATION	Fatima Bangash	Basildon, UK
16:15	ELECTROANATOMICAL MAPPING IMPROVES PROCEDURAL OUTCOMES OF CRYOBALLOON PULMONARY VEIN ISOLATION (THE ACHIEVE PLUS STUDY)	Yves De Greef	Antwerp, BE
16:30	ELECTRO-ARCHITECTURAL DIFFERENCES BETWEEN SEPTAL AND NON-SEPTAL POST-INFARCT VENTRICULAR SCARS IDENTIFIED USING RIPPLE MAPPING	Peter Calvert	Liverpool, UK
16:45	A LOCAL IMPEDANCE BASED COMPARISON OF INTELLANAV MIFI AND STABLEPOINT CATHETERS	Alexander Bates	Southampton, UK
17:00	RETRO-MAP: A NOVEL ALGORITHM TO MAP PERSISTENT ATRIAL FIBRILLATION SHOWS A REDUCTION IN WAVEFRONT COLLISION FOLLOWING CIRCUMFERENTIAL PULMONARY VEIN ISOLATION	Ilektra Kanella	London, UK
17:15	Close		



## **New possible in EP with QDOT MICROT<sup>TM</sup> and OCTARAY<sup>TM</sup> mapping catheter - Biosense Webster - Interactive Area - Exhibition Hall**

<b>Chair: Ashley Nisbet, John Silberbauer</b>			<b>Bristol, UK, Brighton, UK</b>
13:30	Standardized AF procedures with QDOT MICROT <sup>TM</sup>	Matthew Ginks	Oxford, UK
14:00	vHPSD RF ablation – a more tolerated approach to AF ablation under mild sedation	Vishal Luther	Liverpool, UK
14:30	Experience in atrial and ventricular complex cases with microelectrodes and true ref technology	Claire Martin	Cambridge, UK
15:00	Close		



## Moderated Posters 2 - Poster Area - Exhibition Hall

Chair: Sandeep Panikker			Coventry, UK
15:00	ACUTE AND LONG-TERM OUTCOME OF RADIOFREQUENCY ABLATION FOR OUTFLOW TRACT VENTRICULAR ARRHYTHMIAS: IMPACT OF ANATOMY AND HIGH-DENSITY MAPPING	Shui Hao Chin	
15:05	IMPROVING UNDERSTANDING OF LESION PARAMETERS IN HIGH POWER SHORT DURATION ABLATION	Gaurav Panchal	Coventry, UK
15:10	RADIOFREQUENCY ABLATION OF THE DISEASED HUMAN LEFT VENTRICLE: BIOPHYSICAL AND ELECTROGRAM BASED ANALYSIS	Alexander Bates	Southampton, UK
15:15	INVASIVE ASSESSMENT OF HAEMODYNAMIC COMPROMISE AND CORONARY BLOOD FLOW DURING SIMULATED VT	Alejandra Miyazawa	London, UK
15:20	EXPLOITING SMART PASS FILTER DEACTIVATION DETECTION TO MINIMISE INAPPROPRIATE SUBCUTANEOUS IMPLANTABLE CARDIOVERTER DEFIBRILLATOR (S-ICD) THERAPIES: A REAL-WORLD SINGLE CENTRE EXPERIENCE & MANAGEMENT GUIDE		
15:25	A SURFACE EVALUATION OF SINGLE AND DUAL CHAMBER ICD DISCRIMINATORS	Kwong Chong	London, UK



15:30	INCIDENCE AND PREDICTORS OF VENTRICULAR ARRHYTHMIA AND MORTALITY IN A PRIMARY PREVENTION DEFIBRILLATOR COHORT IN THE ERA OF IMPROVED HEART FAILURE AND ARRHYTHMIA MANAGEMENT	Nikesh Jathanna	Nottingham, UK
15:35	VIRTUAL REALITY: A NEW ADDITION TO THE ANXIOLYTIC ARMAMENTARIUM DURING IMPLANTATION OF CARDIAC DEVICES	Christopher Brown	St Helier, UK
15:40	THE UTILITY OF TRANSOESOPHAGEAL ECHOCARDIOGRAPHY DERIVED LEFT ATRIAL APPENDAGE VELOCITY IN PREDICTING POST OPERATIVE ATRIAL FIBRILLATION IN MITRAL VALVE SURGERY PATIENTS	James Sun	London, UK
15:45	Close		



## GUCH 2 - Hall 10a

Chair: Dominic Hares, Jan Till			Leeds, UK, London, UK
15:45	The value of nonsustained VT in risk prediction for adult congenital heart disease	Martin Lowe	London, UK
16:15	The present and future of SCDs in congenital patients	Eric Rosenthal	London, UK
16:45	Pacing considerations in the systemic right ventricle	Sayqa Arif	Birmingham, UK
17:15	Close		



## The S-ICD session - current challenges and future opportunities - Hall 9

Chair: Archie Rao, Greg Mellor		Liverpool, UK, Cambridge, UK	
15:45	Inappropriate shocks in S-ICD; are we there yet?	Pier Lambiase	London, UK
16:05	The role of DFT testing in S-ICD	Jenny Chuen	Nottingham, UK
16:25	Discussion		
16:45	Close		



## From physiology to science - Physiologist Session - Hall 10b

Chair: Cristiana Monteiro, Eleri Roberts			Oxford, UK, Manchester, UK
15:45	Profile of the advanced cardiac scientist in the cath lab	Heidi Tumman	Oxford, UK
16:05	Clinic pathways for preventing long-term effects of right ventricular pacing	Maria Paton	Leeds, UK
16:25	Service improvement and accreditation	Hayley Langridge	London, UK
16:45	The role of counselling in the care of cardiac devices patients	Parisha Khan	London, UK
17:05	Discussion		
17:15	Close		