



# **8 Oct 2023, Sunday's Scientific Sessions**

## **EP Masterclass 1**



## Oral Abstracts



## **EP Traces Course**



## Oral Abstracts



## Masterclass Devices 1 - New Technologies; and the advantages it creates

Chair: Anoop Shetty		London, UK	
12:15	Inequalities created by wearables		
12:30	Improving communications; remote analysis messaging tools	Katie Thommason	London, UK
12:45	Leadless Pacemakers	Anoop Shetty	London, UK
13:00	ICD Deactivation; recognising when to deactivate		
13:15	Q and A		
13:30	Close		



## A-A Symposia - Sharing knowledge to optimise VT ablation outcomes in the UK

### Chair:

14:45 How to find and eliminate the culprit VT Conduction Channels

15:05 VT Voltage mapping - the Liverpool approach Vishal Luther Liverpool, UK

15:25 Let's simplify VT ablation - targeting the functional substrate

15:45 Novel Tools for Optimising VT Ablation: Going beyond Electroanatomical Mapping Shui Hao Chin Leicester, UK

16:05 Q and A

16:15 Close



## Nurses 1

<b>Chair: Angela Hall</b>		<b>Jersey, UK</b>	
14:45	Thyroid dysfunction and arrhythmias		
15:00	How many ectopic's count?	Chris Brown	Jersey, UK
15:15	Menopause and AF		
15:30	Management of heart failure with rEF and pEF		
15:45	AF ablation and raised BMI, research outcomes		
16:00	Q and A		
16:15	Close		



## AF Association Symposia - Restoring the Rhythm

Chair: Natasja de Groot			Rotterdam, NL
14:45	Beyond PVI in Ablating Persistent AF - What is the evidence?	Vias Markides	London, UK
15:00	Is PVI relevant in congenital heart disease?	Natasja de Groot	Rotterdam, NL
15:15	Restoring the rhythm in HFpEF - Is there any evidence?	Rosita Zakeri	London, UK
15:30	AF in HFrEF - Is restoration to sinus rhythm for everyone?	Mark Petrie	Glasgow, UK
15:45	Should we ablate AF in Hypertrophic Cardiomyopathy?		
16:00	PFA in AF ablation - What are the Pit Falls?		
16:15	Close		





## A-A Symposia - Implantable cardiac devices

Chair: Jenny Chuen		Nottingham, UK	
16:45	Can we predict who will require a pacemaker post TAVI?		
17:00	Risks and benefits of ICD's in patients with end stage renal failure		
17:15	Extravascular ICD's using a substernal approach: safety, feasibility and implantation technique		
17:30	My approach to conduction system pacing implantation	Badrinathan Chandrasekaran	Swindon, UK
17:45	Update on clinical trials in conduction system pacing		
18:00	Q and A		
18:15	Close		



## **AF Association Symposia - Is the future of DOAC's bright?**

16:45 Does the diabetic patient benefit more from DOACs than VKAs

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17:05 What is the evidence that DOACs can be used in severe renal failure

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17:25 Why should patients take DOACs if a simple Left atrial appendage occluder can prevent strokes just as well?

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17:45 Will Factor XI inhibitors take over from DOACs?

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18:05 Panel Discussion & Q & A

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## Cases and Traces



# 8 Oct 2023, Sunday's Patients Day

## Arrhythmia Alliance Patients Day

11:00	Welcome		
11:10	What does it mean when my heart races could it be supraventricular tachycardia (SVT)?		
11:20	What new treatments are on the horizon for SVT?		
11:30	Doctor - How do I know when my heart is failing?		
11:40	What lifestyle changes can I make to improve my heart failure?		
11:50	With long waiting lists and fewer appointments what can be done to monitor my device? - What does remote monitoring actually mean for patients?		
12:00	Is a pacemaker the same as an (implantable cardioverter defibrillator) ICD?		
12:15	Everything you need to know about devices		
12:25	Medication for heart rhythm disorders	Derek Connelly	Glasgow, UK
12:35	Ablation; which one and for who?		
12:45	The work of Arrhythmia Alliance, and how can you get involved		



13:00 LUNCH

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14:00 All you need to know about the signs and symptoms of a heart attack vs sudden cardiac arrest (SCA)

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14:20 Q and A

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14:25 A survivor's story

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14:45 Q and A

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14:50 Do you know where your nearest AED/defibrillator is?

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15:10 Q and A

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15:15 CPR demo

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15:40 Health APPS vs Fitness APPS; How accurate are they?

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16:05 Close

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## AF Association Patients Day

<b>Chair: John Cannon</b>		<b>Suffolk, UK</b>	
11:00	Welcome		
11:10	Live patient story		
11:20	Q and A		
11:30	I have AF, now what?		
11:45	I have been diagnosed with AF - what are anticoagulants?	John Cannon	Suffolk, UK
12:00	My husband and I both have AF why does he have a pacemaker and I do not?		
12:15	Ablation: What are the different types and how do I know which is best for me?		
12:30	What is new on the horizon for AF?		
12:45	Health APPS vs Fitness APPS; How accurate are they?		
13:00	LUNCH		
<b>Chair: Shona Holding</b>		<b>Bradford, UK</b>	
14:00	Title TBC		
14:15	Q and A		



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14:20	Doctor - Is it okay for me to exercise with AF?	Shona Holding	Bradford, UK
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14:35	Q and A		
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14:40	The work of AF Association, and how you can get involved?		
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14:55	Q and A		
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15:00	Group discussions	John Cannon	Suffolk, UK
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16:00	Close		
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## STARS Patients Day

Chair:			
11:00	Welcome and 30 years of STARS	Blair Grubb	Toledo, US
11:10	What causes PoTS?	Blair Grubb	Toledo, US
11:20	PoTS vs IST (inappropriate sinus tachycardia); Understanding the two conditions and what is the difference?		
11:30	Exercising with PoTS - The thought of exercising may be the last thing on your mind, but it could be an important part of a better quality of life		
11:50	PoTS and Covid which causes which?		
12:00	Health APPS vs Fitness APPS; How accurate are they?		
12:15	Incomplete investigation of the cause of faints, falls, or blackouts can easily lead to a dismissal of trivial symptoms that can result in debilitating or fatal consequences.		
12:30	Are prescription drugs contributing to my fainting episodes?	Robert Sheldon	Calgary, CA
12:45	Reflex anoxic seizures (RAS)/syncope in the young "Frightening to witness but not life threatening" say the experts, but is this really true?		
13:00	LUNCH		





<b>Chair: Blair Grubb</b>			<b>Toledo, US</b>
14:00	Syncope in the elderly population is under recognised	Joanna Hampton	Cambridge, UK
14:20	'The Fainting Teenager' When should psychogenic blackouts be considered?	Nicholas Gall	London, UK
14:40	Live patient story and Q and A	Chantal Lee	Nottingham, UK
14:50	The work of STARS, how can you get involved		
15:00	Group discussions		
16:00	Close		



# 9 Oct 2023, Monday's Scientific Sessions

## EP Masterclass 2

Chair:			
08:30	3D mapping in the treatment of supraventricular tachycardia	Sajad Hayat	Doha, QA
08:50	Visualisation of the human conduction system with 3D mapping	Balrik Kailey	London, UK
09:10	Affera		
09:30	Catheter ablation as a treatment for vaso-vagal syncope		
09:50	Q and A		
10:00	Close		



## STARS Symposia: Reflex Syncope: New diagnostic approaches

### Chair:

08:30 What is syncope? How does it change with age?

08:50 Tilt testing: new methodological aspects

09:10 Ambulatory Blood Pressure Monitors and syncope diagnosis

Artur Fedorowski

Stockholm, SE

09:30 Tilt tests and Implantable Recorders

09:50 Discussion

10:00 Close



## Paediatric 1

<b>Chair: Vinay Bhole</b>		<b>Birmingham, UK</b>	
08:30	Anatomy and physiology of cardiac conduction system	Vinay Bhole	Birmingham, UK
08:50	Foundations of correct EP study and conduction interval measurements		
09:10	Fundamentals of EPS stimulation for SVT and VT induction	Vinay Bhole	Birmingham, UK
09:30	EP manoeuvres to differentiate SVT and VT types; basics of entrainment		
09:50	Questions		
10:00	Close		



## Oral Abstracts



## EGM Championship

Panel

Paul Doherty

Solihull, UK

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10:00

Close

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## **Moderated Posters**



## Basic Science Primer

<b>Chair: Fu Siong Ng</b>		<b>London, UK</b>	
10:45	Action potential (and T wave) alternans and arrhythmias		
11:05	Should I use digoxin in my patient with AF?		
11:25	Do my genes determine whether I will have arrhythmias?		
11:45	Making models of atrial fibrillation	Caroline Roney	London, UK
12:05	Q and A		
12:15	Close		





## STARS Symposia: Syncope: Risk Stratification in the Emergency Department

Chair: Carlos Morillo, Nicholas Gall		Calgary, CA; Madrid, SP, London, UK	
10:45	Does vasovagal syncope portend a fatal risk?		
11:05	Organisation of syncope care in the Netherlands. Can it be applied internationally?	I.A. van Rossum	Leiden, NL
11:25	Syncope in ED and in clinics: are they the same patients?		
11:45	Syncope in ED in Canada and US	Roopinder Sandhu	Los Angeles, US
12:05	Discussion		
12:15	Close		



## Paediatric 2

Chair:			
10:45	Risk calculation criteria in HCM, ARVC, LVNC and DCM	Juan Pablo Kaski	London, UK
11:05	Risk stratification in LQT with different formulas and tests		
11:25	Is it necessary to risk stratify children with Brugada and how?		
11:45	CPVT and risk stratification principles, why and how?		
12:05	Questions		
12:15	Close		



## Cases and Traces



## A-A Symposia - Digital Tools to help level up arrhythmia care

Chair: Wajid Hussain		London, UK	
10:45	AF Virtual Wards - Hope, hype or revolution?		
11:05	Can Digital twins and aviators help clinical decision making?	Sanjiv Narayan	Stanford, US
11:25	Can Artificial intelligence improve outcomes for AF ablation?	Natasja de Groot	Rotterdam, NL
11:45	Does Chat GPT have the potential enhance arrhythmia patient care?		
12:05	Discussion		
12:15	Close		



## Oral Abstracts



## Heart Rhythm Trainees

<b>Chair: Keenan Saleh</b>		<b>London, UK</b>	
13:30	An introduction to device extraction for early trainees		
13:50	A structured approach to mapping accessory pathways	Nick Linton	London, UK
14:10	AF ablation: a practical guide and workflow	Bradley Porter	London, UK
14:30	Device troubleshooting: approach and cases		
14:50	Q and A		
15:00	Close		



## AF Association Symposia - Atrial fibrillation and heart failure

### Chair:

13:30	Ablate and Pace-Who, when and what device?	Aldo Rinaldi	London, UK
13:55	AF ablation in HFrEF-Do we have the answer?		
14:20	AF ablation in HfpEF		
14:45	Discussion		
15:00	Close		



## STARS Symposia: PoTS

Chair:			
13:30	PoTS: purely haemodynamics or a multisystem disease?	Artur Fedorowski	Stockholm, SE
13:50	PoTS: negative impact on just about everything		
14:10	PoTS: current non-medical treatments	Satish Raj	Calgary, CA
14:30	PoTS: do drugs have sustained benefit?	Nicholas Gall	London, UK
14:50	Discussion		
15:00	Close		





## Devices Masterclass 2

Chair:			
13:30	Device implant tips and tricks, is it time for non-physician implantation?		
13:45	Optimising the SCD, exploiting SMARTPASS filter	Christopher Monkhouse	London, UK
14:00	Cognitive behavioural therapy for VT patients		
14:15	Getting the best out of your CRT patients	Charlotte Mehegan	Suffolk, UK
14:30	Rate response in CRT patients, what is the evidence?		
14:45	Blister Infection score- Cost effective use to TYRX envelope		
15:00	Close		



## Paediatric 3

### Chair:

13:30	How is clinical types of AVNRT diagnosed on 12 lead ECG and in the EP lab?		
13:50	How to differentiate different types of accessory pathways during EPS?		
14:10	Primers of transoesophageal and subcutaneous pacing		
14:30	Pacing principles in the intensive care unit following congenital cardiac surgery	Michael Bowes	Liverpool, UK
14:50	Questions		
15:00	Close		



## Young Investigators Competition

**Chair: Fu Siong Ng**

**London, UK**



## A-A Symposia - New avenues in the prevention and treatment of sudden cardiac death

<b>Chair: Elijah Behr</b>		<b>London, UK</b>	
13:30	Introduction/Setting the scene/Treatment OOHCA		
14:00	Ventricular Tachycardia		
14:30	Genetics	Stephen Page	Leeds, UK
15:00	Close		



## **Moderated Posters**



## Nurses 2

<b>Chair: Angela Hall</b>		<b>Jersey, UK</b>	
15:45	AF Virtual Ward	Sue Armstrong	Leicester, UK
16:05	Pre-op EP service - our data		
16:25	Arrhythmia Nurse Competencies	Ting Fang Feng	Watford, UK
16:45	How can we facilitate research in a busy arrhythmia team?		
17:05	Q and A		
17:15	Close		



## STARS Symposia: Vasovagal Syncope

Chair:			
15:45	Update on role of cardioinhibition	I.A. van Rossum	Leiden, NL
16:05	Sleep Syncope		
16:25	Developments in oral therapy for VVS		
16:45	Cardioneuroablation	Carlos Morillo	Calgary, CA; Madrid, SP
17:05	Discussion		
17:15	Close		



## Paediatric 4

### Chair:

15:45 How to manage acute SVT in infants and older children with cardiac failure?

16:05 How to interpret Holter in arrhythmia scenarios, back to basics

Gulhan Tunca

Istanbul, TR

16:25 Potpourri of my nightmare arrhythmia cases: how did I survive?

16:45 Antiarrhythmic choices for maintenance therapy of SVT and why?

17:05 Questions

### Chair:

17:15 Paediatric Abstract Discussion 1 - TBC

17:20 Paediatric Abstract Discussion 2 - TBC

17:25 Paediatric Abstract Discussion 3 - TBC

17:30 Close





## **AF Association Symposia**



## Young Investigators Competition

**Chair: Fu Siong Ng**

**London, UK**



## A-A Symposia - Update on CIED Infections: What's new?

Chair:	
15:45	CIED infections: Just What are the Risks?
16:15	Prevention / Treatment Options (non-extraction)
16:45	Extraction
17:15	Close



## 10 Oct 2023, Tuesday's Scientific Sessions

### AICC: Specialist care of patients with Inherited Cardiac Conditions through life events

Chair: Stephen Page		Leeds, UK	
08:30	The patient with Inherited Cardiac Disease in pregnancy- from pre-pregnancy		
08:50	TBC		
09:10	Considering device programming in patients with an ICC diagnosis-how should it		
09:30	Best practice: when can genetic testing guide patient management	Claire Turner	Exeter, UK
09:50	Q and A		
10:00	Close		



## GUCH 1

<b>Chair:</b>	
08:30	SVT ablation in the Fontan: Contemporary strategies
09:00	AF ablation in the Fontan: Contemporary strategies
09:30	When to stop ablating in congenital heart disease
10:00	Close



## EP Masterclass: Learning your left from right

Chair: Una Buckley		London, UK	
08:30	Learning your left from right: ECG masterclass		
08:50	Crossing with confidence: the transeptal puncture	Una Buckley	London, UK
09:10	Learning your left from right: EGM/Mapping masterclass		
09:30	Smoke and mirrors during mapping	Louisa O'Neill	Dublin, IE
09:50	Discussion		
10:00	Close		



## Year in Review 1 - Heart failure for the CRM specialist

Chair: Matthew Dewhurst		Swindon, UK
08:30	Medical Therapy	
09:00	Improved Risk Stratification for Ventricular Arrhythmias and Sudden Death in Patients With Nonischaemic Dilated Cardiomyopathy	
09:30	Update on management of atrial fibrillation in heart failure: A focus on ablation	
10:00	Close	



## Moderated Posters





## **The Adam Fitzpatrick Plenary Session: Atrial Fibrillation in Heart Failure with a Preserved Ejection Fraction: What do we know and what do we need to know?**

- |       |   |
|-------|---|
| 10:45 | How common and how dangerous is atrial fibrillation in heart failure and its ejection-fraction-based phenotypes?  |
| 11:10 | What is the evidence base for guidelines recommending antiarrhythmic medical treatment of heart failure with a preserved ejection fraction?                           |
| 11:35 | Catheter ablation treatment of atrial fibrillation for patients with heart failure and a preserved ejection fraction – what do we know and how will we find out more? |
| 12:00 | Panel Discussion & Q & A  |



## **Cardiac Physiologist**



## CRT Optimisation

<b>Chair: Leeann Marshall, Paisley Hall</b>		<b>Coventry, UK, Birmingham, UK</b>	
13:30	Is there still a place for Echo optimisation?	Maria Paton	Leeds, UK
13:50	Novel approaches to CRT optimisation	Jamie Walton	Birmingham, UK
14:10	Automated device algorithms vs clinician tailored		
14:30	Q and A		
15:00	Close		



## GUCH 2

**Chair:**

13:30 Conduction system pacing: Preferable to CRT in RBBB pathology?

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14:00 Extraction in Congenital heart disease: Tips and tricks and When is leaving the lead better?

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14:30 Leadless pacing: Should this be first line in ACHD

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15:00 Close

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## Oral Abstracts



## Year in Review 2 - AF

Chair:			
13:30	Stroke Prevention - What's new	Gregory Lip	Liverpool, UK
14:00	First-line management of paroxysmal atrial fibrillation		
14:30	Left atrial appendage occluders (LAAO)	Paulus Kirchhof	Hamburg, DE
15:00	Close		



## Moderated Posters



## Oral Abstracts





## Year in Review 3 - Device Update Session

### Chair:

15:45 Complex Device Therapy: Patient Selection

16:15 Extravascular ICDs

Duncan Field

Essex, UK

16:45 Brady Pacing - What's new?

Chris Pepper

Leeds, UK

17:15 Close

