



British and Irish Hypertension Society
Committed to preventing cardiovascular disease



British and Irish Hypertension Society ANNUAL SCIENTIFIC MEETING

Hilton Brighton Metropole

13th – 15th September 2021
FINAL PROGRAMME

Programme at a Glance

Day 1 – Monday 13th September			
10.00	Registration, Refreshments & Poster Set – up		
10.30 -12.30	Young Investigator Network Meeting		Regency
12.30 -14.00	Arrival Tea, Coffee and Lunch – Exhibition and Poster viewing		
13.00 -13.45	Lunchtime Symposium: Renal Denervation: The Third Pillar for Hypertension Management?		Dukes
14.00 -15.30	Session 1 Plenary: Welcome & Opening Remarks The British and Irish Hypertension Society: 40 Years of Old and New Challenges		Regency
15.30 -16.00	Refreshments, Exhibition and Posters		
15.30 -16.00	BIHS Nurses & AHP Working Party 'Meet & Greet'		Innovation Suite
16.00 -17.00	Session 2A Young Investigator Abstracts	Regency	Session 2B Virtual clinic and home monitoring
17.10 -17.30	Young Investigator Poster Storm: 60 second presentations		Regency
17.30 -19.00	Moderated Poster Session with Drinks		Ambassador
17.30	Registration & Speaker Preview Closed		
19.00	Free evening		
Day 2 – Tuesday 14th September			
08.00	Registration and Speaker Preview Open		
08.00 -09.00	Annual Business Meeting (BIHS Members Only)		Dukes
09.00 -10.30	Session 3 Plenary Young Investigator Abstracts		Regency
10.30 -11.00	Refreshments, Exhibition and Posters		
11.00 -12.00	Session 4 Parallel		
11.00 -12.00	Session 4A Scientific Abstracts	Regency	Session 4B Clinical Session organised by the Nurses and AHP Working Party
12.10 -13.10	Sir George Pickering Lecture: Professor Tom MacDonald, UK		Regency
13.15 -14.45	Lunch, Exhibition and Posters		
13.45 -14.30	Lunchtime Symposium: Ultrasound RDN therapy: a novel treatment option in hypertension		Dukes
14.45 -16.00	Session 5 Plenary In association with British Geriatrics Society		Regency
16.00 -16.30	Poster Session Refreshments and Exhibition		Ambassador
16.30 -17.30	Session 6 Parallel		
16.30 -17.30	Session 6A Visiting Prize Winners' Abstracts	Dukes	Session 6B Cardiovascular Disease in women
17.30	Registration & Speaker Preview Closed		
19.00 -19.30	Drinks Reception		Lancaster
19.30	Conference Dinner and Awards		
			Clarence
Day 3 – Wednesday 15th September			
08.00	Registration and Speaker Preview Open		
08.30	Exhibition Open and Arrival Tea and Coffee		Ambassador
09.00 -10.15	Session 7 Plenary Cardio-oncology - Hypertension		Regency
10.15 -10.45	Refreshments, Exhibition and Posters		
10.45 -12.00	Session 8 Plenary Hot Topics		Regency
12.00	Conference Close		

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Welcome From The President

Dear Colleagues and Friends,

On behalf of the Executive Committee, I am delighted to welcome you to the 40th Annual Scientific Meeting (ASM) of the British and Irish Hypertension Society (BIHS) which will take place from Monday 13th to Wednesday 15th September 2021 at the Hilton Brighton Metropole Hotel.

Since our last Annual Scientific Meeting in 2019 we have all faced unprecedented challenges as a result of the COVID-19 pandemic. The Executive Committee has used the time to undertake a strategic review of the Society and has reflected on how we need to evolve so that we may face the future as a competitive and relevant force in the national and international cardiovascular field. Earlier this year, we were delighted to contribute to *Hypertension2021* with our colleagues from the European Society of Hypertension and the International Society of Hypertension. We were particularly pleased that the BIHS symposium attracted so many colleagues from Primary Care and that our Young Investigators had the opportunity to present their work and network with colleagues from the other Societies.

We have put together an exciting programme for the ASM with a variety of scientific and clinical themes that will appeal to physicians from primary and secondary care, scientists, and allied health professionals.

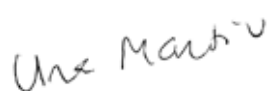
The Keynote Sir George Pickering Lecture this year will be delivered by Professor Tom MacDonald. There will be an initial session run by the Young Investigators Working Party, a Joint Symposium with the British Geriatric Society, sessions on cardiovascular disease in women, cardio-oncology, virtual clinics and home monitoring and the role of pharmacy-led management. Lunchtime symposia will also take place. Several Young Investigators prizes will be awarded for the best oral and poster presentations.

The meeting will be complemented by the presence and support of our sponsors and exhibitors, to whom we extend our warm thanks. Please do visit them and their stands and engage with them during your attendance.

Finally, on this the 40th meeting of the BIHS there will be a chance to celebrate 41 years of success, collaboration and friendship. Please do enjoy the social aspects and the chance to meet up with old friends and new.

We will do all we can to keep the environment safe but ask you to play your part by maintaining social distance and continuing to wear masks when at the meeting.

I look forward to welcoming you to Brighton and hope that you have a wonderful few days at the ASM.

A handwritten signature in black ink that reads 'Una Martin'.

Una Martin
President

On behalf of the Executive Committee

BIHS Executive Committee

Professor Una Martin	BIHS President
Professor Terry McCormack	Vice-President
Dr Carmel McEniery	Secretary
Professor Christian Delles	Treasurer
Dr Mark Glover	Ordinary Member
Professor Chakravarthi Rajkumar	Ordinary Member
Dr Abdul-Majeed Salmasi	Ordinary Member
Dr Stephen Walsh	Ordinary Member
Dr Luca Faconti	Young Investigator Representative

Working Party Chairs

Professor Terence McCormack	Guidelines & Information Service
Professor Richard McManus	Blood Pressure Measurement
Professor Christian Delles	Collaborative Research
Dr Mike Okorie	Educational Programmes
Mr Sam Olden	Nurses & Allied Health Professionals
Professor Adrian Brady	Irish Network
Dr Luca Faconti	Young Investigators

Administration

Meeting Secretariat:

In Conference Ltd
Unit 1, Q Court, Quality Street
Edinburgh, EH4 5BP

Tel: +44(0) 131 336 4203
Email: BIHS@in-conference.org.uk
Website: www.bihsoc.org



COVID GUIDELINES

Following a year of turmoil, hard work on the frontline, lockdowns and virtual events, we are delighted to be hosting our 2021 BIHS Annual Scientific Meeting (ASM) face to face.

This year, the ASM may look a little bit different. Though the current Government Guidelines for conferences and events doesn't require us to do so, the BIHS Executive Committee has decided to implement some simple measures. This is to ensure that you, as a delegate, feel confident and safe when joining us in Brighton.

We strongly encourage all delegates to follow the COVID-19 safety measures we have implemented;

- Social distancing is supported where possible and please respect other delegates personal space. Seats will be further apart than you are used to, please do not move them closer to one another.
- The venue staff looking after our meeting will all be wearing face masks and we encourage you to do the same. BIHS will provide complimentary hand sanitizer and facemasks at registration, please use the sanitizer frequently and wear your mask indoors.
- The venue has implemented enhanced cleaning.

The programme may be changed at short notice, session chairs may be different than advertised, we ask for your understanding should this situation arise. Together we can make this ASM a celebration of being together again (safely) after 2 years apart.

As a professional Society, we trust that our members and guests will use their own judgement and help us in ensuring that all attending the BIHS ASM have an enjoyable and safe time in Brighton. Welcome to Brighton!

Best wishes,

The BIHS Executive Committee

General Information

Conference Venue:

Hilton Brighton Metropole
Kings Road
Brighton
BN1 2FU
United Kingdom

CPD ACCREDITATION – RCP

The BIHS Annual Scientific Meeting has been accredited by the Royal College of Physicians for 18 CPD (Continuing Professional Development) Points. CPD Accreditation Code Number: 135867
A certificate of attendance will be provided after the conference.

Registration/Information Desks

All delegates will receive their badge, ordered tickets and all relevant conference information upon arrival at Hilton Brighton Metropole. The registration desk will be located in the Foyer area and will be open at the following times:

Monday 13 th September	10.00 - 17.30
Tuesday 14 th September	08.00 - 17.30
Wednesday 15 th September	08.00 - 12.15

Catering and Dietary Requirements

All lunches and tea/coffee breaks throughout the meeting will be served in the exhibition and poster area. If you have booked a special dietary requirement at the time of pre-registration please make yourself known to the catering staff within the venue.

Certificates of Attendance

Certificates of Attendance and Accreditation will be sent out after the conference on completion of the electronic survey which will be sent to all attendees on the last day of the conference.

Etiquette

Delegates are advised that they are not allowed to take photographs of any posters or presentations without the author's/presenter's consent. Photographs or videos are not permitted during presentations, in the main session rooms. Mobile phones should be placed on 'silent' during sessions.

Exhibition

We wish to thank all of our sponsors and exhibitors for their contribution to the BIHS Annual Scientific Meeting. We encourage all delegates to meet with our exhibitors in the Ambassador. The exhibition will be open at the following times:

Monday 13 th September	12.30 hrs – 14.00 hrs and 15.30hrs – 15.55hrs
Tuesday 14 th September	10.30 hrs – 11.00 hrs, 13.15hrs – 14.45 hrs and 16.00 hrs - 16.30 hrs
Wednesday 15 th September	08.30 hrs – 09.00hrs and 10.15hrs - 10.45 hrs

Insurance

The Conference Organisers cannot accept any liability for personal injuries or for loss or damage to property belonging to delegates, either during, or because of the meeting. Please check the validity of your own personal insurance before travelling.

Nurses and Allied Health Professional Delegates

The **BIHS Nurses & AHP Working Party** invites nurses and AHP delegates to attend a **'Meet & Greet'** session during the afternoon tea break on **Monday 13th September at 15.30 in the Innovation Suite** where refreshments will be served.

The purpose of this session is to facilitate networking and to enable nurses/AHPs attending on their own to meet others. Please come along and introduce yourself - we look forward to seeing you there.

Oral Presentations

Plenary sessions will take place in the Regency Room. Parallel sessions will take place in the Regency Room and Dukes Room

Poster Presentations

Posters will be displayed for the whole meeting in the Ambassador. Presenters will be available for discussion during the Moderated Poster Session on Monday 13th September from 17.30 - 19.00. We will also host our exciting **Young Investigator Poster Storm** on Monday 13th September from 17.10 - 17.30. The top ranking 10 abstracts submitted by young investigators who were allocated poster presentations have been selected to participate. Each person has 60 seconds to promote their poster orally with one slide!

Social Media

We encourage all participants to tweet and highlight presentations throughout the meeting to raise our profile and to engage. Please sign up to twitter and participate. Remember to use **#BIHS2021 and @BIHSoc_Events**.

Speaker Check In

Presenters must check in their presentation at least two hours before they are due to speak, this can be done at the back of the room, preferably during a refreshment break.

Taxis

Local taxi companies:

- Brighton & Hove Radio Cabs 01273 204 060
- City Cabs Brighton 01273 205 205

Uber also operates in the area.

Internet Access

WiFi is available throughout Hilton Brighton Metropole. The instructions are below.

- Select Hilton Honors network
- Scroll down to 'I have a promotional code'
- Enter VIP as the code

Prizes

Orals

BIHS Young Investigators Three Oral Prizes

Abstracts shortlisted for these prizes will be presented in Session 2A and 3.

Dr Robert Grayson Award

This prize, generously funded by the family and friends of the late Dr Robert Grayson, will be awarded for the best research relating to 'Diseases of the Aorta or Blood Vessels'.

Posters

BIHS Poster Prize - kindly sponsored by the Journal of Human Hypertension

All posters are eligible for the Poster Prize and will be assessed by the Poster Chairs during the moderated poster session at the meeting. If the Poster Prize is won by a non-member, the Journal of Human Hypertension kindly offers the winner free online access for one year.



Journal of
Human
Hypertension

The Journal of Human Hypertension is the official journal of the British and Irish Hypertension Society.

Oral or Poster

The BIHS Nurses/Allied Health Professional (AHP) Award

The BIHS Nurses Prize is for a nurse/AHP who is an author and/or part of the investigating team. The presentation will be either an oral or poster presentation if there are no eligible abstracts in the oral session.

All prizes will be awarded at the conference dinner on Tuesday 14th September.





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PROGRAMME

Monday 13 th September		Room
10.00 - 12.30	Exhibition & Poster Set Up	Ambassador
10.00	Registration & Speaker Preview Open	Foyer
10.30 - 12.30	<p align="center">Young Investigator Network Meeting</p> <p align="center"><i>Chairs: Professor Una Martin and Dr Luca Faconti</i></p> <p align="center">Introduction</p> <p align="center"><i>Professor Una Martin - President of the British and Irish Hypertension Society</i></p> <p align="center">Why should you become a member of the BIHS as a Young Investigator?</p> <p align="center"><i>Dr Luca Faconti</i></p> <p align="center">Ice breaking activity and group quiz</p> <p align="center">Showing resilience in times of disruption</p> <p align="center"><i>Dr Chloe Park, University College London</i></p> <p align="center">How hypertension research reshaped my career pathway</p> <p align="center"><i>Dr Elizabeth Adeyeye, Barts Health NHS Trust, London</i></p> <p align="center">Working in Hypertension, career opportunities for clinicians and scientists</p> <p align="center"><i>Dr Vikas Kapil, Barts Health NHS Trust, London</i></p> <p align="center">Panel discussion: Q&A session with guest speakers</p>	Regency
12.30 - 13.55	Lunch – Exhibition and Poster viewing	Ambassador
13.00 - 13.45	<p>Lunchtime Symposium - Sponsored by Medtronic</p> <p>Renal Denervation: The Third Pillar for Hypertension Management?</p>	Dukes
14.00 - 15.30	<p align="center">Session 1 Plenary</p> <p align="center">Welcome & Opening Remarks -</p> <p align="center">The British and Irish Hypertension Society: 40 Years of Old and New Challenges</p> <p align="center"><i>Chairs: Professor Una Martin, President of the British and Irish Hypertension Society and Professor Isla Mackenzie</i></p> <p align="center">'40 years of progress or not in understanding BP in African-origin populations?'</p> <p align="center"><i>Professor Kennedy Cruickshank, King's College London</i></p> <p align="center">The Renin Angiotensin and Covid-19</p> <p align="center"><i>Professor Bryan Williams, University College London</i></p> <p align="center">Long term cardiovascular effects of COVID-19</p> <p align="center"><i>Professor Phil Chowienczyk, King's College London</i></p> <p align="center">Panel Discussion</p>	Regency
15.30 - 15.55	Refreshments, Exhibition and Posters	Ambassador
15.30	BIHS Nurses & AHP Working Party 'Meet & Greet'	Innovation Suite
16.00 - 17.10	Session 2 Parallel	
	<p>Regency</p> <p>Session 2A - Young Investigator Abstracts</p> <p><i>Chairs: Dr Andy Webb and Dr Sarah Partridge</i></p> <p>O-1: Association of blood pressure with coronary microvascular dysfunction and cardiac dysfunction in asymptomatic type 2 diabetes</p> <p><i>Dr Jian Yeo, University of Leicester</i></p> <p>O-2: First-phase ejection fraction, a measure of pre-clinical heart failure, is strongly associated with increased mortality in patients with COVID-19</p> <p><i>Dr Haotian Gu, King's College London</i></p> <p>O-3: Safety and efficacy of cardioprotective medication reduction in older patients: a systematic review and meta-analysis</p> <p><i>Mr Rik van der Veen, University of Oxford</i></p> <p>O-4: Fine-mapping analysis to identify candidate genes mediating risk for hypertension</p> <p><i>Dr Stefan van Duijvenboden, University College London</i></p>	<p>Dukes</p> <p>Session 2B - Virtual clinics and home monitoring</p> <p><i>Chairs: Dr Mike Okorie and Dr John Ashcroft</i></p> <p>Virtual Clinics</p> <p><i>Dr Mark Glover, University of Nottingham</i></p> <p>Remote: Patient involvement in blood pressure surveillance and management</p> <p><i>Dr Chris Arden, GPSI Cardiology, Southampton</i></p> <p>Virtual clinics and missed opportunities for diagnosis; the nurse perspective</p> <p><i>Ms Michaela Nuttall, Smart Health Solutions</i></p> <p>Virtual clinics and missed opportunities for treatment; national perspective</p> <p><i>Helen Williams, Southwark CCG</i></p> <p>Q&A Session</p> <p><i>This session has been supported by an unrestricted educational grant from OMRON Healthcare</i></p>
17.10 - 17.30	<p>Young Investigator Poster Storm: 60 second presentations</p> <p><i>Chairs: Dr Andy Webb and Dr Sarah Partridge</i></p>	Regency
17.30 - 19.00	Moderated Poster Session with Drinks	Ambassador
19.00	Free evening	

Tuesday 14 th September		
08.00	Registration and Speaker Preview Open	Foyer
08.00 – 09.00	Annual Business Meeting (BIHS Members Only)	Dukes
09.00 - 10.30	<p style="text-align: center;">Session 3 Plenary Young Investigator Abstracts <i>Chairs: Dr Pauline Swift and Dr Manish Sinha</i></p> <p style="text-align: center;">O-5: Air pollution and Blood Pressure change over time in 3,323 adolescents in London: differences by gender and ethnicity <i>Dr Alexis Karamanos, King's College London</i></p> <p style="text-align: center;">O-6: Continuing versus stopping pre-stroke antihypertensive agents within 12 hours of stroke onset is associated with worse outcomes after acute stroke <i>Dr Jason Appleton, University Hospitals Birmingham</i></p> <p style="text-align: center;">O-7: Higher ventricular and arterial stiffness in women partly explain sex-difference in associations between left ventricular remodelling and long-term risk of mortality: findings from the Southall And Brent REvisited (SABRE) study <i>Miss Lamia Al Saikhan, University College London</i></p> <p style="text-align: center;">O - 8: Pre-load reduction augments the early phase of left ventricular contraction and improves diastolic function in hypertension <i>Dr Luca Faconti, King's College London, Guy's And St Thomas' NHS Foundation Trust</i></p> <p style="text-align: center;">O - 9: Arm Based on LEg blood pressures (ABLE-BP): Can leg blood pressure measurements predict brachial blood pressure? An individual participant data meta-analysis from the INTERPRESS-IPD Collaboration <i>Dr Sinead McDonagh, University of Exeter</i></p>	Regency
10.30 - 11.00	Refreshments, Exhibition and Posters	Ambassador
11.00 – 12.00	Session 4 Parallel	
	<p>Regency</p> <p>Session 4A - Scientific Abstracts <i>Chairs: Dr Mark Glover and Dr Ajay Gupta</i></p> <p>O-11: Central pulse pressure in adolescence is more strongly associated with future left ventricle mass than brachial pulse pressure <i>Dr Chloe Park, University College London</i></p> <p>O-12: Safety, pharmacodynamics, and blood pressure effects of aln-agt, an rna interference therapeutic targeting angiotensinogen, in a randomized single ascending dose study of hypertensive adults <i>Professor David J. Webb, University of Edinburgh</i></p> <p>O-13: Long term benefits of blood pressure treatment on the incidence of atrial fibrillation, heart failure and cardiovascular morbidity and mortality: 20-years follow-up of ASCOT-Legacy <i>Dr Ajay Gupta, Queen Mary University of London</i></p> <p>O-14: Regular paracetamol use and blood pressure in people with hypertension: The PATH-BP Trial <i>Dr Iain MacIntyre, NHS Lothian</i></p>	
	<p>Dukes</p> <p>Session 4B - Clinical Session organised by the Nurses and AHP Working Party <i>Chairs: Michaela Nuttall and Alison Warren</i></p> <p>Lifestyle and Exercise <i>Mr Sam Olden, Clinical Prevention and Rehabilitation and Chair of Nurses and AHP Working Party</i></p> <p>Multi-drug resistant hypertension/pharmacy-led management <i>Dr Ali Albasri, Barts Health NHS Trust and Mr Sotiris Antoniou, Barts Health NHS Trust</i></p> <p>Postural Tachycardia Syndrome (PoTS) <i>Professor Lesley Kavi, PoTs UK</i></p>	
12.10 – 13.10	<p style="text-align: center;">Sir George Pickering Lecture <i>Chair: Professor Una Martin</i></p> <p style="text-align: center;">Preventing Cardiovascular Disease <i>Professor Tom MacDonald, Ninewells Hospital & Medical School, Dundee</i></p>	Regency
13.15 - 14.45	Lunch, Exhibition and Posters	Ambassador
13.45 – 14.30	Lunchtime Symposium - Sponsored by ReCor Ultrasound RDN therapy: a novel treatment option in hypertension	Dukes
14.45 - 16.00	<p style="text-align: center;">Session 5 Plenary in association with British Geriatric Society <i>Chairs: Professor Chakravarthi Rajkumar and Dr Divya Tiwari</i></p> <p style="text-align: center;">Hypertension, the Brain and the Mind <i>Professor Hugo Critchley, Brighton and Sussex Medical School</i></p> <p style="text-align: center;">Postural BP changes and their implications in the older hypertensive <i>Professor John Potter, Norfolk and Norwich University Hospitals</i></p>	Regency

14.45 - 16.00	De-prescribing of antihypertensive in old age <i>Dr James Sheppard, University of Oxford</i>	Regency
Panel Discussion		
16.00 - 16.30	<i>Poster Session Refreshments and Exhibition</i>	Ambassador
16.30 - 17.30	Session 6 Parallel	
Dukes		Regency
Session 6A - Visiting Prize Winners' Abstracts <i>Dr Carmel McEniery and Dr Stephen Walsh</i>		Session 6B - Cardiovascular Disease in women <i>Chairs: Dr Abdul – Majeed Salmasi and Professor Alice Stanton</i>
Virtual Presentation by the visiting HBPRCA (Australia) Young Investigator Prize Winner: Effect of aspirin on placental growth factor (PLGF) and the development of preeclampsia <i>Dr Renuka Shanmugalingam, Liverpool Hospital, Sydney, Australia</i>		Pregnancy and maternal CVD risk <i>Professor Abigail Fraser, University of Bristol</i>
Presentation by the visiting SIIA (Italy) Young Investigator Prize Winner: Characterization and gene expression analysis of serum-derived extracellular vesicles in primary aldosteronism <i>Dr Jacopo Burrello, University of Torino, Italy</i>		Gender differences in Aortic dissection <i>Professor Christoph Nienaber, The Royal Brompton and Harefield Hospital and the Imperial College</i>
Presentation by the visiting AHA (America) Young Investigator Prize Winner: A new gut microbial metabolite derived from low fibre intake <i>Dr Chudan Xu, Monash University, Australia</i>		Hypertension in women <i>Dr Tarek Antonios, St. George's Hospital Medical School</i>
17.30	Registration Closed	
19.00	Drinks Reception	Lancaster
19.30	Conference Dinner	Clarence
21.30	Professor Sir Mark Caulfield after dinner talk	
22.00	Awards and Fellowships	
22.30	After dinner entertainment	

Wednesday 15th September		
08.00	Registration and Speaker Preview Open	Foyer
08.30	<i>Exhibition Open and Arrival Tea and Coffee</i>	Ambassador
09.00-10.15	Session 7 Plenary - Cardio-oncology – Hypertension <i>Chairs: Professor Christian Delles and Dr Mark Glover</i>	Regency
	Systemic Anti-Cancer Therapy: how is it changing? <i>Professor Robert Jones, University of Glasgow, Beatson West of Scotland Cancer Centre, Glasgow</i>	
	Vascular effects of anti-cancer treatment <i>Dr Ninian Lang, University of Glasgow</i>	
	Cardiac effects of anti-cancer treatment <i>Dr Alexander Lyon, Royal Brompton Hospital</i>	
10.15 – 10.45	<i>Refreshments, Exhibition and Posters</i>	Ambassador
10.45 - 12.00	Session 8 Plenary - Hot Topics <i>Chairs: Professor Alun Hughes and Professor Terry McCormack</i>	Regency
	Does vascular inflammation really matter? <i>Professor Kevin Davies, Brighton and Sussex Medical School</i>	
	POPPY: Preconception to post-partum study of cardiometabolic health in Primigravid Pregnancy <i>Professor Ian Wilkinson, Cambridge University</i>	
12.00	Closing Remarks	Regency

Posters

* Presented during Young Investigator Poster Storm

Observational (Clinical)

***P - 01** Aldosterone-producing adenomas with dual mutations of GNA11/Q and CTNNB1 lead to hypertension in puberty, pregnancy or menopause, and complete cure by adrenalectomy

Dr Giulia Argentesi, Queen Mary University of London

P - 02 Kidney Allograft Function and Late Post-Transplant Hypertension: Time-Dependent Effect Analysis

Dr Ekamol Tantisattamo, University of California Irvine School of Medicine

***P - 03** The effect of anti-hypertensive treatment on exercise blood pressure and exercise capacity in older adults

Dr Siana Jones, University College London

P - 04 Association between 24-hour urinary sodium concentration and body mass index in children with primary hypertension

Dr Cheentan Singh, Evelina London Children's Hospital

P - 05 COVID-19 blood pressure endothelium interaction study (OBELIX) – Blood pressure assessment, vascular phenotyping and RAAS-fingerprinting of COVID-19 survivors

Dr Stefanie Lip, University of Glasgow

P - 07 Familial Hyperkalaemic Hypertension is associated with Immunodeficiency

Dr. Barian Mohidin, University College London

P - 08 Demographic characteristics of childhood hypertension in the United Kingdom

Dr Emily Haseler, University Hospital Lewisham

P - 09 Drug-related problems among hypertensive and heart failure patients on the medical wards of a teaching hospital in Ghana

Mr. Mark Amankwa Harrison, Korle Bu Teaching Hospital

P - 10 Cardiovascular pharmacotherapy and COVID-19

Dr Stefanie Lip, University of Glasgow

P - 11 Is frailty a useful measure to inform management of hypertension in older people? A qualitative study exploring the patient's perspective

Dr Oliver Todd, University of Leeds

Observational (Epidemiology)

***P - 12** Longitudinal trajectories of Pulse Wave Velocity and Cognition in The Irish Longitudinal Study of Ageing (TILDA)

Dr David Moloney, St James's Hospital

***P - 13** The additional prognostic value of arterial stiffness for primary cardiovascular events in pre and stage-1 hypertensives

Miss Holly Pavey, University of Cambridge

***P - 14** Does frailty modify the association between systolic blood pressure and major adverse cardiovascular or cerebrovascular outcomes? Retrospective analysis using Welsh routine data from the Secure Anonymised Information Linkage (SAIL) Databank

Dr Oliver Todd, University of Leeds

***P - 15** Group-delivered interventions to improve control of blood pressure in hypertension

Dr Sinead McDonagh, University of Exeter

***P - 16** *P - 16 Tissue Doppler E' velocity and E/E' predict 19-year cardiovascular mortality in hypertension

Dr Anenta Ratneswaren, Imperial College London

- P - 17** Which arm to measure blood pressure: Does the higher or lower reading arm best reflect systolic blood pressure? An individual participant data meta-analysis from the INTERPRESS-IPD Collaboration
Dr Christopher Clark, University of Exeter
- P - 18** Aortic Distensibility Predicts Adverse Cardiovascular Events in the UK Biobank Cohort
Dr Marina Cecelja, King's College London
- P - 20** Early lowering of blood pressure in acute intracerebral haemorrhage: a systematic review and meta-analysis of individual patient data
Professor Philip Bath, University of Nottingham
- P - 21** Associations between statins and adverse events in primary prevention of cardiovascular disease: a systematic review with meta-analysis
Ting Cai, University of Oxford
- P - 22** Effect of diuretics on plasma aldosterone in primary hypertension: A systematic review and meta-analysis
Mr Ryan McNally, King's College London
- Clinical Trials and Studies**
- P - 23** Factors associated with blood pressure measured using home blood pressure monitors in the TIME (Treatment in Morning versus Evening) Study
Mr Keeran Vickneson, University of Dundee
- P - 24** The relationship between blood pressure control, BP variability and treatment with the long-term risk of heart-failure, coronary- and cardiovascular- events: Lessons from the ASCOT Legacy study 20-year follow-up
Dr Ajay Gupta, Queen Mary University of London
- P - 25** Obese hypertensive patients - is it time to consider new treatment paradigms?
Dr Cormac Kennedy, Trinity College Dublin
- P - 26** Does CPAP affect blood pressure in hypertensive subjects with obstructive sleep apnoea?
Miss Sophie Hoskin, Imperial college London
- *P - 27** Complications and Treatment of Hypercalciuria in Familial Hyperkalaemic Hypertension (FHHT)
Dr Abby Huckle, University College London
- *P - 28** Remote Ambulatory Blood Pressure Monitoring using Telemedicine: A Proof-of-concept Cohort Analysis and Failure Modes and Effects Analysis
Dr Laura Armitage, University of Oxford
- Basic Science and Physiology**
- P - 29** The Role of Calcium In Uromodulin Expression And Secretion From Renal Medullary Epithelial Cells Of Normotensive And Hypertensive Rats
Mr Philipp Boder, Institute of Cardiovascular Sciences and Medical Sciences
- P - 30** Regulation of uromodulin excretion in response to salt in chronic hypertension
Dr Sheon Mary, University of Glasgow
- P - 32** Sensitivity and reproducibility of IVC diameter and SVC flow velocity measurements to changes in cardiac pre-load in subjects with hypertension
Mr Ryan McNally, King's College London
- P - 33** Transient cessation of deep brain stimulation triggers sympathetic activation in a case of severe resistant hypertension
Ms Zoe H. Adams, University of Bristol
- P - 34** Aortic pulse wave velocity is primarily determined by blood pressure but not other cardiovascular risk factors during childhood: a call to arms to standardise results
Dr Karolis Azukaitis, Vilnius University

- P - 35** A hyperadrenergic state in primary hypertension associates with mood affective disorders and altered vascular responsiveness to centrally acting stimuli
Miss Bushra Farukh, King's College London
- P - 36** Vascular function in resistant and malignant hypertension
Mrs Reem Alsharari, University of Birmingham, King Saud Bin Abdulaziz University for Health Sciences & University of Liverpool and Liverpool Heart & Chest Hospital
- P - 37** Integrating Capillary Spacing and Heterogeneity Analysis into Dermal Capillary Density Assessment: Methodology Development
Mr Andrew Forbes Brown, University of Exeter Medical School & NIHR Exeter Clinical Research Facility
- P - 38** Dysregulation of central respiratory modulation of cardiac vagal tone is a novel, early sign of dysautonomia in patients with α -synucleinopathies
Dr Carmela Maniero, Barts Health NHS trust & Queen Mary University of London
- *P - 39** Skin-specific mechanisms of body fluid regulation in hypertension
Miss Jun Yu Chen, University of Glasgow

Clinical Hypertension

- P - 40** Learn With Nurses: Delivering virtual clinical training to healthcare professionals around the world during the COVID-19 pandemic
Ms Joanne Loades, Learn With Nurses
- P - 41** A shared decision-making tool for nurses and pharmacists for patients with diagnosed hypertensive patients in the UK and Ireland
Ms Michaela Nuttall, C3 Collaborating for Health
- P - 42** Variation in hypertension clinical practice guidelines: a global comparison
Miss Richu Philip, Imperial College London
- P - 43** A Point Prevalence Audit of Undiagnosed and Uncontrolled Hypertension in a Hospitalised Patient Cohort
Ms Kasie O' Reilly, University of Limerick
- P - 44** Urine analysis to assess Patient Adherence to Hypertension medication (UPAH): A survey of General Practitioners
Miss Bethany Gilson, Hull York Medical School
- P - 45** The burden of "known" undiagnosed and untreated hypertension and why we will never solve this problem without appropriate investment in primary care
Dr James Boorer, Pathfields Medical Group
- P - 46** Urine analysis to assess Patient Adherence to Hypertension medication (UPAH): A survey of secondary care physicians
Miss Jannah Holmes, Hull York Medical School
- P - 47** Urine analysis to assess Patient Adherence to Hypertension medication (UPAH): A survey of chemical pathology departments
Mr Michael Burton, Hull York Medical School

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Lunch Time Symposia by Medtronic



Monday 13th September 13.00 – 13.45, Dukes Room

Renal Denervation: The Third Pillar for Hypertension Management?

Professor Andrew Sharp, Royal Devon and Exeter Hospital, Exeter

Professor Faisal Sharif, NUI Galway

Chairs: *Professor Neil Chapman, Imperial College London*

Dr Vikas Kapil, Queen Mary University of London

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Lunch Time Symposia by ReCor



Tuesday 14th September 13.45 – 14.30, Dukes Room

Ultrasound RDN therapy: a novel treatment option in hypertension

Professor Christian Delles, University of Glasgow

Professor Manish Saxena, Barts Health NHS Trust, London

Professor Melvin Lobo, Barts Health NHS Trust, London

Chairs: *Professor Una Martin, University of Birmingham*

Professor Melvin Lobo, Barts Health NHS Trust, London

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