### **Thursday 26th June**

**09.00: WELCOME** 

Bijan Modarai, President

09.05: ROULEAUX CLUB AND BSIRT SYMPOSIUM

Chairs: Bijan Modarai, Sai Wunnava, and Alex Hardman
Role of Al/augmented reality in endovascular interventions

**TBC** 

How do Vascular and IR learn how to lean on each other for the first few years

Becky Sandford, Consultant Vascular Surgeon, Guy's & St Thomas' Hospital, London

Narayan Thulasidasan, Consultant Interventional Radiologist, Guy's & St Thomas' Hospital, London

09.35: BSET FELLOWSHIP REPORT

**Chairs: Emma Wilton & Paul Moxey** 

2024 Training Fellowship

Ellie Atkins

2024 Travel Fellowship

Colin Primrose

Mohammed Chowdhury

09.55: ABSTRACT SESSION 1 – 4 + 2 minutes

Chairs: Dave Bosanquet & Nikesh Dattani

09.55

Reproductive factors and the risk of incident peripheral arterial disease hospitalisation or death: A cohort study of UK Biobank participants

Anna Louise Pouncey<sup>1</sup>, Mark Woodward<sup>2</sup>, Katie Harris<sup>2</sup>, Rebecca Kelly<sup>2</sup>

<sup>1</sup>City St George's University of London, London

<sup>2</sup>The George Institute for Global Health, Sydney, Australia

#### 10.01

Operative exposure for senior vascular trainees in peripheral vascular disease and abdominal aortic aneurysm over the last 10 years

Steve Tang<sup>1</sup>, Kaji Sritharan<sup>2</sup>

<sup>1</sup>Aintree University Hospital, Liverpool

<sup>2</sup>York Hospital, York

#### 10.07

Spatiotemporal trends in peripheral artery disease prevalence in England – primary care registry data analysis

Michal Kawka<sup>1</sup>, James Budge<sup>1</sup>, Anna Pouncey<sup>1</sup>, Bilal Azhar<sup>1</sup>, Ian Loftus<sup>2</sup>, Peter Holt<sup>1</sup>, Iain Roy<sup>1</sup>

<sup>1</sup>St George's Vascular Institute, City St George's University of London, London

<sup>2</sup>Department of Vascular Surgery, St George's Hospital, London

#### 10.13

### Stent configuration for endovascular iliocaval reconstruction - a systematic review

<u>Ashwin Sivaharan</u><sup>1</sup>, Celina Harmen<sup>2</sup>, Alice Coates<sup>2</sup>, Babatunde Alatishe<sup>1</sup>, Rana Khalil<sup>3,4</sup>, Tamer El-Sayed<sup>1</sup>, Sandip Nandhra<sup>1</sup>

<sup>1</sup>Freeman Hospital, Newcastle

<sup>2</sup>Newcastle University, Newcastle

<sup>3</sup>Hull Royal Infirmary, Hull

<sup>4</sup>Kasr Al-Aini Hospital, Cairo, Egypt

#### 10.19

# Femoropopliteal angioplasty for long lesions: Procedural success, patency, and reintervention in a high-risk cohort

Mahmoud Badawi Hassan<sup>1</sup>, Mohamed Abdelhamid<sup>2</sup>, Shady Hemeda<sup>2</sup>

<sup>1</sup>ESNEFT, Colchester

<sup>2</sup>St George's University Hospitals, London

#### 10.25

## The relevance, specificity, and usability of the current Patient-reported Outcome Measure for Chronic Limb Threatening Ischaemia: A systematic review of reported PROMs

<u>Akam Shwan</u><sup>1,2,3</sup>, Beth Cheshire<sup>1</sup>, Segun Lamidi<sup>1</sup>, Imelda Black<sup>1</sup>, Coral Pepper<sup>4</sup>, John SM Houghton<sup>1,2,3</sup>, Robert D Sayers<sup>1,2,3</sup>

<sup>1</sup>Department of Cardiovascular Sciences, University of Leicester, Leicester

<sup>2</sup>Leicester Vascular Institute, University Hospitals of Leicester NHS Trust, Leicester

<sup>3</sup>NIHR Leicester Biomedical Research Centre, Leicester

<sup>4</sup>Clinical Librarian Service, University Hospitals of Leicester NHS Trust, Leicester

#### 10.35: GUEST LECTURE

#### Introduced by Martin Claridge

First in man technologies for vascular disease: What have we learnt from the past and what do we still need to learn?

Andrew Holden, Director of Interventional Radiology, Auckland City Hospital, New Zealand

### 10.55 - 11.20: COFFEE

#### **11.20**: DEBATE

Chairs: Paul Moxey, Shiva Dindyal & TBC

Modern endovascular techniques in lower limb revascularisation are no better than stent and plain old balloon angioplasty

#### For:

Peter Schneider, Professor of Surgery, Division of Vascular & Endovascular Surgery, University of California, San Francisco, USA

Ash Patel, Consultant Vascular Surgeon, Guy's & St Thomas' Hospital, London Against:

Anahita Dua, Vascular Surgeon, Massachusetts General Hospital and Associate Professor of Surgery, Harvard Medical School, Boston, USA

Athanasios Saratzis, Consultant Vascular Surgeon, Leicester Vascular Institute

11.40: SOCIETY SPONSOR: GORE MEDICAL

Chairs: Paul Moxey & Shiva Dindyal

Bristol Experience with GORE® TAG® Thoracic Branch Endoprosthesis Marcus Brooks, Consultant Vascular Surgeon, North Bristol NHS Trust

12.00: GUEST LECTURE

**Chairs: Emma Wilton & Andy Wigham** 

Cutting edge venous stenting and how to achieve success

**TBC** 

12.20: SOCIETY SPONSOR: MEDTRONIC Chairs: Emma Wilton & Andy Wigham

12.40: UPDATE ON ACTIVE ENDOVASCULAR TRIALS IN THE UK

Chairs: Dave Bosanquet, Becky Sandford & Mike Jenkins

WARRIORS – Colin Bicknell EARNEST – Colin Bicknell CLARITY – Chris Twine KID – Thanos Saratzis ESTABLISH – Sandip Nandhra

1.00: BSET RESEARCH: PUMP PRIMING AWARD REPORT

Chairs: Dave Bosanquet, Becky Sandford & Mike Jenkins

**Mohammed Abdelhalim** 

**James Budge** 

#### 1.10 - 2.15: LUNCH

**2.15: DEBATE** 

Chairs: Paul Bevis & James McCaslin

End of the Rainbow: Further developments in endovascular aortic intervention will not be beneficial and open surgery will remain the only reliable and durable solution for areas not currently treated by EVAR

For: Andrew Holden, Director of Interventional Radiology, Auckland City Hospital, New Zealand

Against: Tara Mastracci, Complex Aortic Surgeon, Barts Heart Hospital, London

2.35: SOCIETY SPONSOR: COOK MEDICAL

Chairs: Paul Bevis & James McCaslin

2.55: ABSTRACT SESSION 2 – 4 + 2 minutes

Chairs: Ashish Patel and Sandip Nandhra

#### 2.55

The impact of aneurysm extent on mid-term survival after elective fenestrated-branch endovascular aortic repair

<u>Valentina Scarati</u><sup>1</sup>, Katarzyna Powezka<sup>2,1</sup>, Thomas Lyons<sup>2,1</sup>, Massimo Vezzosi<sup>1</sup>, Maciej Juszczak<sup>1,2</sup>, Martin Claridge<sup>1</sup>, Donald Adam<sup>1</sup>

<sup>1</sup>University Hospitals Birmingham, Birmingham

#### 3.01

Effectiveness of the MANTA Vascular Closure Device for repair of ruptured abdominal aortic aneurysm by Endovascular Aneurysm Repair (RAAA-EVAR) in rAAA: A pilot study

<u>Elsamoual Mohammed</u>, Arindam Chaudhuri, Ramita Dey Bedford NHS Hospital, Bedford

#### 3.07

Central Blood Pressure and Variability Evaluation (CAVE-ON): Assessing the impact of blood pressure and blood pressure variability on AAA growth rates

<u>Edmund Charles</u>, Emanuela Falaschetti, Janet Powell, Neil Poulter, Colin Bicknell Imperial College London, London

#### 3.13

### Fenestrated-branch endovascular aortic repair in octogenarians

<u>Thomas Lyons</u><sup>1,2</sup>, Katarzyna Powezka<sup>1,2</sup>, Valentina Scarati<sup>1</sup>, Massimo Vezzosi<sup>1</sup>, Martin Claridge<sup>1</sup>, Maciej Juszczak<sup>1,2</sup>, Donald Adam<sup>1</sup>

<sup>1</sup>University Hospitals Birmingham, Birmingham

#### 3.19

The impact of introducing a surgeon-led emergency EVAR service on outcomes and cost efficiency in ruptured aortic aneurysm management: A UK single-centre experience

<u>Ahmed Hassan</u>, Ahmed Elshiekh, Nick Matharu, Alex Sergiou, Ashraf Elsharkawy, Asif Mahmood UHCW-NHS, Coventry

#### 3.25

### Bridging the Gap: A propensity-matched analysis of sex differences in complex EVAR

<u>Katarzyna Powezka</u><sup>1,2</sup>, Valentina Scarati<sup>2</sup>, Thomas Lyons<sup>1,2</sup>, Massimo Vezzosi<sup>2</sup>, Martin Claridge<sup>2</sup>, Donald Adam<sup>2</sup>, Maciej Juszczak<sup>1,2</sup>

<sup>1</sup>University of Birmingham, Birmingham

3.35: LECTURE

Chairs: Ashish Patel and Sandip Nandhra

<sup>&</sup>lt;sup>2</sup>University of Birmingham, Birmingham

<sup>&</sup>lt;sup>2</sup>University of Birmingham, Birmingham

<sup>&</sup>lt;sup>2</sup>University Hospitals Birmingham, Birmingham

Management of lower limb arterial disease: Where does distal vein arterialisation and personalised antiplatelet fit in?

Anahita Dua, Vascular Surgeon, Massachusetts General Hospital and Associate Professor of Surgery, Harvard Medical School, Boston, USA

3.55: TEA

4.15: SOCIETY SPONSOR: ABBOTT

Chairs: Kaji Sritharan, James McCaslin & TBC

4.35: GUEST LECTURE

Chairs: Kaji Sritharan, James McCaslin & TBC

When enough is enough: Defining the "no option" foot in the era of extreme limb salvage

procedures

Peter Schneider, Professor of Surgery, Division of Vascular & Endovascular Surgery, University of California San Francisco, USA

#### 4.55 AORTIC PRIZE ABSTRACT SESSION

Chairs: Andrew Holden, Tara Mastracci and Nikesh Dattani

4.55

Long-term outcomes of Fenestrated Endovascular Repair (FEVAR): a GLOBALSTAR registry study <u>Aurélien Guéroult</u><sup>1</sup>, British Society of Endovascular Therapy (BSET)<sup>2</sup>, GLOBALSTAR Collaborators<sup>2</sup> <sup>1</sup>St George's Vascular Institute, London

<sup>2</sup>BSET

#### 5.05

Comparison of outcomes of Physician Modified Grafts and Custom Made Devices: A matter of aesthetics?

<u>Thomas Lyons</u><sup>1,2</sup>, Katarzyna Powezka<sup>1,2</sup>, Valentina Scarati<sup>2</sup>, Massimo Vezzosi<sup>2</sup>, Martin Claridge<sup>2</sup>, Donald Adam<sup>2</sup>, Maciej Juszczak<sup>2,1</sup>

<sup>1</sup>University of Birmingham, Birmingham

#### 5.15

#### The detrimental effects of Endovascular Aneurysm Repair on aortic compliance

<u>Dimitrios Vlastos</u><sup>1</sup>, Athanasios Saratzis<sup>1</sup>, Stefan Klimach<sup>2</sup>, Emily Salt<sup>3</sup>, Arooj Siddique<sup>4</sup>, Rob D Sayers<sup>1</sup>, Matthew J Bown<sup>1</sup>

#### 5.25

<sup>&</sup>lt;sup>2</sup>University Hospitals Birmingham, Birmingham

<sup>&</sup>lt;sup>1</sup>Department of Cardiovascular Sciences, University of Leicester, Leicester

<sup>&</sup>lt;sup>2</sup>Nottingham University Hospitals NHS Trust, Nottingham

<sup>&</sup>lt;sup>3</sup>University Hospitals Derby and Burton NHS Foundation Trust, Derby

<sup>&</sup>lt;sup>4</sup>University Hospitals of Leicester NHS Trust, Leicester

Unsupervised machine learning for identifying thrombogenic morphological phenotypes in abdominal aortic aneurysms using fully automated volume-segmented imaging

Michal Kawka<sup>1</sup>, James Budge<sup>1</sup>, Bilal Azhar<sup>1</sup>, Iain Roy<sup>1</sup>, Manj Gohel<sup>2</sup>, Matthew Bown<sup>3</sup>, Ruth Scicluna<sup>3</sup>, Janet T Powell<sup>4</sup>, Anna L Pouncey<sup>1</sup>

#### 5.35

Fenestrated-branch endovascular aortic repair after prior endovascular or open AAA repair is associated with inferior mid-term survival compared to primary repair

<u>Katarzyna Powezka</u><sup>1,2</sup>, Thomas Lyons<sup>2</sup>, Valentina Scarati<sup>2</sup>, Massimo Vezzosi<sup>2</sup>, Martin Claridge<sup>2</sup>, Maciej Juszczak<sup>1</sup>, Donald Adam<sup>2</sup>

#### 5.45

Novel protocol for comprehensive assessment of Type B Aortic Dissection morphology: A validated and reproducible protocol for clinical and research applications

<u>Barnaby Farquharson</u>, James Budge, Bilal Azhar, Aurélien Guéroult, Mital Desai, Ian Loftus, Peter Holt St George's University London, London

#### 5.55 THE PRESIDENT'S DEBATE

#### **Introduced by Martin Claridge**

Shift left, stay left: translational research is the gold standard in improving outcomes for patients

with vascular disease For: Bijan Modarai Against: Ian Chetter

6.15: END OF DAY ONE

**7.45: DINNER** 

#### **FRIDAY 27th JUNE**

8.30: ABSTRACT SESSION 3

Chairs: Shiva Dindyal, Katharine Lewis & Ian Chetter

8.30

Implementation of Machine Learning and Natural Language Processing in clinical practice facilitates identification of patients with Acute Aortic Syndrome

<u>Katarzyna Powezka</u><sup>1,2,3</sup>, Karin Slater<sup>2</sup>, Andreas Karwath<sup>2</sup>, Michael Wall<sup>3,2</sup>, Georgios Gkoutos<sup>2</sup>, Massimo Vezzosi<sup>1</sup>, Martin Claridge<sup>1</sup>, Paul Clift<sup>1</sup>, Donald Adam<sup>1</sup>, Maciej Juszczak<sup>1,2</sup>

<sup>&</sup>lt;sup>1</sup>St George's Vascular Institute, City St George's University of London, London

<sup>&</sup>lt;sup>2</sup>Department of Vascular Surgery, Cambridge University Hospitals, Cambridge

<sup>&</sup>lt;sup>3</sup>Department of Cardiovascular Sciences and NIHR Leicester Biomedical Research Centre, Leicester

<sup>&</sup>lt;sup>4</sup>Department of Surgery and Cancer, London

<sup>&</sup>lt;sup>1</sup>University of Birmingham, Birmingham

<sup>&</sup>lt;sup>2</sup>University Hospitals Birmingham, Birmingham

#### 8.36

## Systematic review and meta-analysis of matrix metalloproteinases in peripheral arterial disease

Chloe Harding<sup>1,2</sup>, Philip Stather<sup>1</sup>

#### 8.42

## Clinical predictors of two-year survival in patients with infrarenal and juxtarenal abdominal aortic aneurysms

<u>Valentina Scarati</u><sup>1</sup>, Katarzyna Powezka<sup>2,1</sup>, Thomas Lyons<sup>2,1</sup>, Massimo Vezzosi<sup>1</sup>, Martin Claridge<sup>1</sup>, Donald Adam<sup>1</sup>, Maciej Juszczak<sup>1,2</sup>

#### 8.48

### Acute upper limb ischaemia outcomes meta-analysis

Angela Lee<sup>1,2</sup>, Navanith Murali<sup>1</sup>, Chloe Harding<sup>2</sup>, Joseph Borucki<sup>1,2</sup>, Philip Stather<sup>1,2</sup>

#### 8.54

# A comprehensive systematic review of all reported outcome measures in studies of chronic limb threatening ischaemia: First step toward a core outcome set

<u>Akam Shwan</u><sup>1,2,3</sup>, Beth Cheshire<sup>1</sup>, Segun Lamidi<sup>1</sup>, Imelda Black<sup>1</sup>, Coral Pepper<sup>4</sup>, John SM Houghton<sup>1,2,3</sup>, Robert D Sayers<sup>1,2,3</sup>

### 9.00 VASCULAR SOCIETY SESSION

#### 9.20 GOLD SPONSOR PRESENTATION: TERUMO AORTIC

Chairs: Colin Bicknell & Sandip Nandhra

The Role of EVAR in Aneurysm Healing: Insights from Sac Regression Data

**Dr Martin Teraa, University Medical Centre Utrecht** 

9.30: LECTURE

Chairs: Colin Bicknell & Sandip Nandhra

<sup>&</sup>lt;sup>1</sup>University Hospitals Birmingham, Birmingham

<sup>&</sup>lt;sup>2</sup>University of Birmingham, Birmingham

<sup>&</sup>lt;sup>3</sup>Dudley Group NHS Trust, Dudley

<sup>&</sup>lt;sup>1</sup>Norfolk and Norwich University Hospital, Norwich

<sup>&</sup>lt;sup>2</sup>University of East Anglia, Norwich

<sup>&</sup>lt;sup>1</sup>University Hospitals Birmingham, Birmingham

<sup>&</sup>lt;sup>2</sup>University of Birmingham, Birmingham

<sup>&</sup>lt;sup>1</sup>NNUH, Norwich

<sup>&</sup>lt;sup>2</sup>UEA, Norwich

<sup>&</sup>lt;sup>1</sup>Department of Cardiovascular Sciences, University of Leicester, Leicester

<sup>&</sup>lt;sup>2</sup>Leicester Vascular Institute, University Hospitals of Leicester NHS Trust, Leicester

<sup>&</sup>lt;sup>3</sup>NIHR Leicester Biomedical Research Centre, Leicester

<sup>&</sup>lt;sup>4</sup>Clinical Librarian Service, University Hospitals of Leicester NHS Trust, Leicester

What is an acceptable landing zone for a rtic dissection - how do you make one in the acute situation?

Tara Mastracci, Complex Aortic Surgeon, Barts Heart Hospital, London

9.50: GOLD SPONSOR PRESENTATION: PENUMBRA

Chairs: Rob Morgan & Emma Wilton

Computer Assisted Vacuum Thrombectomy in Arterial Thrombus Management: Patient Selection and

**Technology Application** 

Paul Moxey, Consultant Vascular Surgeon, St George's Vascular Institute, London

10.00: TRAINING SYMPOSIUM

Chairs: Rob Morgan, Paul Moxey & Emma Wilton

What makes a vascular specialist?

Andrew Holden, Director of Interventional Radiology, Auckland Regional Public Health Service, New

Zealand

Anahita Dua, Vascular Surgeon, Massachusetts General Hospital and Associate Professor of Surgery,

Harvard Medical School, Boston, USA

Keith Jones, Consultant Vascular Surgeon, Frimley Health Foundation Trust

10.30: CASE DISCUSSIONS

Chair: Bijan Modarai

Barend Mees, Professor of Vascular Surgery, Maastricht Heart+Vascular Center, Netherlands Peter Schneider, Professor of Surgery, Division of Vascular & Endovascular Surgery, University of

California, San Francisco, USA

11.30: BRUNCH

12.10 GOLD SPONSOR PRESENTATION: BENTLEY

Chairs: Athanasios Diamantopoulos and Raghuram Lakshminarayan

12.20: DEBATE

Chairs: Athanasios Diamantopoulos and Raghuram Lakshminarayan

No time to lyse: Treatment of chronic DVT is the only worthwhile intervention as there is no long-

term benefit from treatment of acute DVT

For: Narayanan Thulasidasan, Consultant Interventional Radiologist, Guy's & St Thomas' Hospital,

London

**Against: TBC** 

12.40: GOLD SPONSOR PRESENTATION: PHILIPS

Chairs: Peter Schneider, Ashish Patel, Katharine Lewis

12.50 PERIPHERAL PRIZE ABSTRACT SESSION 3

Chairs: Peter Schneider, Ashish Patel, Katharine Lewis

#### 12.50

## Feasibility phase of Platelet Research in Optimising Response in Treatment for Angioplasty (PRIORITY) study

<u>Meiling MacDonald-Nethercott</u>, Chisom Aghaji, Harjeet Rayt, Thanos Saratzis, Robert Sayers, Badri Vijaynagar

Glenfield Hospital, University Hospitals of Leicester, Leicester

#### 1.00

## Real-world experience of Indigo aspiration thrombectomy for acute limb ischaemia

<u>Madhurima Chetan</u><sup>1</sup>, Melosa Millar Mills<sup>1</sup>, Rezhwan Ahmed<sup>1</sup>, Aaron Joseph<sup>1</sup>, Dominic Howard<sup>1,2</sup>, Zahi Qamhawi<sup>1</sup>, Daniel Kearns<sup>1</sup>, Rafiuddin Patel<sup>1</sup>, Andrew Wigham<sup>1</sup>

<sup>1</sup>Oxford University Hospitals, Oxford

#### 1.10

## Endovascular vs. open surgical repair of popliteal artery aneurysms: A meta-analysis

Georgios Koufopoulos<sup>1</sup>, Konstantinos Antonopoulos<sup>2</sup>

<sup>1</sup>Liverpool Vascular and Endovascular Service (LiVES), Liverpool

#### 1.20

## Endovascular treatment with intravascular lithotripsy for common femoral artery disease: A safe and feasible alternative to open surgery

<u>Sarah Jane Messeder</u><sup>1,2</sup>, Athanasios Saratzis<sup>1,2</sup>, Constantinos Poyiatzis<sup>1,2</sup>, Charles Mensah<sup>2</sup>, Badri Vijaynagar<sup>2</sup>

<sup>1</sup>Department of Cardiovascular Science, University of Leicester, Leicester

#### 1.30

## The fate of the contralateral limb after major lower limb amputation for peripheral arterial disease or diabetes mellitus

Robert Leatherby<sup>1,2</sup>, Bilal Azhar<sup>1,2</sup>, Peter Holt<sup>1,2</sup>, Iain Roy<sup>1,2</sup>

<sup>1</sup>St George's Vascular Institute, St George's University Hospital NHS Foundation Trust, London

#### 1.40

Clinical significance of high on-treatment platelet reactivity in patients taking P2Y12 inhibitors following lower limb revascularisation for peripheral artery disease: A systematic review and meta-analysis

<u>Akam Shwan</u><sup>1,2,3</sup>, Tolaz Sultan<sup>4</sup>, Harry Summers<sup>5</sup>, Rameez Qaisar<sup>2</sup>, Coral Pepper<sup>6</sup>, Sarah Jane Messeder<sup>1,2,7</sup>, Harjeet Rayt<sup>1,2</sup>, Athanasios Saratzis<sup>1,2,7</sup>, Robert D Sayers<sup>1,2,7</sup>, Badri Vijaynagar<sup>1</sup>

<sup>1</sup>Department of Cardiovascular Sciences, University of Leicester, Leicester

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<sup>2</sup>Leicester Vascular Institute, University Hospitals of Leicester NHS Trust, Leicester

### 1.50 CHEE SOONG MEMORIAL LECTURE

Introduced by Bijan Modarai

Vascular Surgery: Science or Art?

Nick Cheshire, Professor of Vascular Surgery and Head of Vascular Surgery, Royal Brompton &

**Harefield Hospitals, London** 

#### 2.10 PRESENTATION OF PRIZES AND CLOSE



<sup>&</sup>lt;sup>3</sup>Leicester Biomedical Research Centre, Leicester

<sup>&</sup>lt;sup>4</sup>Faculty of Medicine and Health Sciences, University of Buckingham, Buckingham

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