

**BSET ANNUAL MEETING 2025: THURSDAY 26th JUNE – FRIDAY 27th JUNE
TORTWORTH COURT HOTEL**

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 AI/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 Pouncey¹, Mark Woodward², Katie Harris², Rebecca Kelly²

¹City St George's University of London, London

²The 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 Tang¹, Kaji Sritharan²

¹Aintree University Hospital, Liverpool

²York Hospital, York

10.07

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

Michal Kawka¹, James Budge¹, Anna Pouncey¹, Bilal Azhar¹, Ian Loftus², Peter Holt¹, Iain Roy¹

¹St George's Vascular Institute, City St George's University of London, London

²Department of Vascular Surgery, St George's Hospital, London

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10.13

Stent configuration for endovascular iliocaaval reconstruction - a systematic review

Ashwin Sivaharan¹, Celina Harmen², Alice Coates², Babatunde Alatishe¹, Rana Khalil^{3,4}, Tamer El-Sayed¹, Sandip Nandhra¹

¹Freeman Hospital, Newcastle

²Newcastle University, Newcastle

³Hull Royal Infirmary, Hull

⁴Kasr Al-Aini Hospital, Cairo, Egypt

10.19

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

Mahmoud Badawi Moawad, Mohamed Hassan
ESNEFT, Colchester

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

Akam Shwan^{1,2,3}, Beth Cheshire¹, Segun Lamidi¹, Imelda Black¹, Coral Pepper⁴, John SM Houghton^{1,2,3}, Robert D Sayers^{1,2,3}

¹Department of Cardiovascular Sciences, University of Leicester, Leicester

²Leicester Vascular Institute, University Hospitals of Leicester NHS Trust, Leicester

³NIHR Leicester Biomedical Research Centre, Leicester

⁴Clinical 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

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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

**BSET ANNUAL MEETING 2025: THURSDAY 26th JUNE – FRIDAY 27th JUNE
TORTWORTH COURT HOTEL**

2.55

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

Valentina Scarati¹, Katarzyna Powezka^{2,1}, Thomas Lyons^{2,1}, Massimo Vezzosi¹, Maciej Juszcak^{1,2}, Martin Claridge¹, Donald Adam¹

¹University Hospitals Birmingham, Birmingham

²University of 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

Elsamoual Mohammed, 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

Edmund Charles, Emanuela Falaschetti, Janet Powell, Neil Poulter, Colin Bicknell

Imperial College London, London

3.13

Fenestrated-branch endovascular aortic repair in octogenarians

Thomas Lyons^{1,2}, Katarzyna Powezka^{1,2}, Valentina Scarati¹, Massimo Vezzosi¹, Martin Claridge¹, Maciej Juszcak^{1,2}, Donald Adam¹

¹University Hospitals Birmingham, Birmingham

²University of 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

Ahmed Hassan, 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

Katarzyna Powezka^{1,2}, Valentina Scarati², Thomas Lyons^{1,2}, Massimo Vezzosi², Martin Claridge², Donald Adam², Maciej Juszcak^{1,2}

¹University of Birmingham, Birmingham

²University Hospitals Birmingham, Birmingham

3.35: LECTURE

Chairs: Ashish Patel and Sandip Nandhra

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

BSET ANNUAL MEETING 2025: THURSDAY 26th JUNE – FRIDAY 27th JUNE

TORTWORTH COURT HOTEL

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

Aurélien Guérault¹, British Society of Endovascular Therapy (BSET)², GLOBALSTAR Collaborators²

¹St George's Vascular Institute, London

²BSET

5.05

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

Thomas Lyons^{1,2}, Katarzyna Powezka^{1,2}, Valentina Scarati², Massimo Vezzosi², Martin Claridge², Donald Adam², Maciej Juszcak^{2,1}

¹University of Birmingham, Birmingham

²University Hospitals Birmingham, Birmingham

5.15

The detrimental effects of Endovascular Aneurysm Repair on aortic compliance

Dimitrios Vlastos¹, Athanasios Saratzis¹, Stefan Klimach², Emily Salt³, Arooj Siddique⁴, Rob D Sayers¹, Matthew J Bown¹

¹Department of Cardiovascular Sciences, University of Leicester, Leicester

²Nottingham University Hospitals NHS Trust, Nottingham

³University Hospitals Derby and Burton NHS Foundation Trust, Derby

⁴University Hospitals of Leicester NHS Trust, Leicester

5.25

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

BSET ANNUAL MEETING 2025: THURSDAY 26th JUNE – FRIDAY 27th JUNE

TORTWORTH COURT HOTEL

Michal Kawka¹, James Budge¹, Bilal Azhar¹, Iain Roy¹, Manj Gohel², Matthew Bown³, Ruth Scicluna³, Janet T Powell⁴, Anna L Pouncey¹

¹St George's Vascular Institute, City St George's University of London, London

²Department of Vascular Surgery, Cambridge University Hospitals, Cambridge

³Department of Cardiovascular Sciences and NIHR Leicester Biomedical Research Centre, Leicester

⁴Department of Surgery and Cancer, London

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

Katarzyna Powezka^{1,2}, Thomas Lyons², Valentina Scarati², Massimo Vezzosi², Martin Claridge², Maciej Juszcak¹, Donald Adam²

¹University of Birmingham, Birmingham

²University Hospitals Birmingham, Birmingham

5.45

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

Barnaby Farquharson, James Budge, Bilal Azhar, Aurélien Guérault, 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

Katarzyna Powezka^{1,2,3}, Karin Slater², Andreas Karwath², Michael Wall^{3,2}, Georgios Gkoutos², Massimo Vezzosi¹, Martin Claridge¹, Paul Clift¹, Donald Adam¹, Maciej Juszcak^{1,2}

¹University Hospitals Birmingham, Birmingham

²University of Birmingham, Birmingham

BSET ANNUAL MEETING 2025: THURSDAY 26th JUNE – FRIDAY 27th JUNE

TORTWORTH COURT HOTEL

³Dudley Group NHS Trust, Dudley

8.36

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

Chloe Harding^{1,2}, Philip Stather¹

¹Norfolk and Norwich University Hospital, Norwich

²University of East Anglia, Norwich

8.42

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

Valentina Scarati¹, Katarzyna Powezka^{2,1}, Thomas Lyons^{2,1}, Massimo Vezzosi¹, Martin Claridge¹, Donald Adam¹, Maciej Juszcak^{1,2}

¹University Hospitals Birmingham, Birmingham

²University of Birmingham, Birmingham

8.48

Acute upper limb ischaemia outcomes meta-analysis

Angela Lee^{1,2}, Navanith Murali¹, Chloe Harding², Joseph Borucki^{1,2}, Philip Stather^{1,2}

¹NNUH, Norwich

²UEA, Norwich

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

Akam Shwan^{1,2,3}, Beth Cheshire¹, Segun Lamidi¹, Imelda Black¹, Coral Pepper⁴, John SM Houghton^{1,2,3}, Robert D Sayers^{1,2,3}

¹Department of Cardiovascular Sciences, University of Leicester, Leicester

²Leicester Vascular Institute, University Hospitals of Leicester NHS Trust, Leicester

³NIHR Leicester Biomedical Research Centre, Leicester

⁴Clinical Librarian Service, University Hospitals of Leicester NHS Trust, Leicester

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

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

**BSET ANNUAL MEETING 2025: THURSDAY 26th JUNE – FRIDAY 27th JUNE
TORTWORTH COURT HOTEL**

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

BSET ANNUAL MEETING 2025: THURSDAY 26th JUNE – FRIDAY 27th JUNE

TORTWORTH COURT HOTEL

12.50

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

Meiling MacDonald-Nethercott, 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

Madhurima Chetan¹, Melosa Millar Mills¹, Rezhwan Ahmed¹, Aaron Joseph¹, Dominic Howard^{1,2}, Zahi Qamhawi¹, Daniel Kearns¹, Rafiuddin Patel¹, Andrew Wigham¹

¹Oxford University Hospitals, Oxford

²University of Oxford, Oxford

1.10

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

Georgios Koufopoulos¹, Konstantinos Antonopoulos²

¹Liverpool Vascular and Endovascular Service (LiVES), Liverpool

²Department of Vascular Surgery, Attikon University Hospital, Athens, Greece

1.20

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

Sarah Jane Messeder^{1,2}, Athanasios Saratzis^{1,2}, Constantinos Poyiatzis^{1,2}, Charles Mensah², Badri Vijaynagar²

¹Department of Cardiovascular Science, University of Leicester, Leicester

²Leicester Vascular Institute, Leicester

1.30

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

Robert Leatherby^{1,2}, Bilal Azhar^{1,2}, Peter Holt^{1,2}, Iain Roy^{1,2}

¹St George's Vascular Institute, St George's University Hospital NHS Foundation Trust, London

²Cardiovascular & Genetics Institute, St George's University of London, 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

Akam Shwan^{1,2,3}, Tolaz Sultan⁴, Harry Summers⁵, Rameez Qaisar², Coral Pepper⁶, Sarah Jane Messeder^{1,2,7}, Harjeet Rayt^{1,2}, Athanasios Saratzis^{1,2,7}, Robert D Sayers^{1,2,7}, Badri Vijaynagar¹

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BSET ANNUAL MEETING 2025: THURSDAY 26th JUNE – FRIDAY 27th JUNE TORTWORTH COURT HOTEL

⁴Faculty of Medicine and Health Sciences, University of Buckingham, Buckingham

⁵NIHR Leicester Vascular Institute, University Hospitals of Leicester NHS Trust, Leicester

⁶Clinical Librarian Service, University Hospitals of Leicester NHS Trust, Leicester

⁷NIHR Leicester Biomedical Research Centre, 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

DRAFT