

**BSET ANNUAL MEETING 2024: THURSDAY 27th JUNE – FRIDAY 28th JUNE
TORTWORTH COURT HOTEL**

Thursday 27th June

09.00 - 09.05

WELCOME

Bijan Modarai, BSET President

09.05 – 09.35

ROULEAUX CLUB SYMPOSIUM & BSIRT

Chairs: Bijan Modarai, BSET President, Rouleaux Club rep, and BSIRT rep

09.35 – 09.50

BSET FELLOWSHIP REPORT

Chairs: Emma Wilton & Paul Moxey

2023 Training Fellowship

Anisha Perera

2023 Travel Fellowship

Ummul Contractor

2022 Travel Fellowship

Jun Cho

09.50 – 10.30

ABSTRACT SESSION 1 – (4 + 2 minutes)

Chairs: Barend Mees, Colin Bicknell & Kaji Sritharan

09.50 - 09.56

Long-term survival and reintervention following thoracic endovascular aortic repair in blunt traumatic thoracic aortic injury: A systematic review and meta-analysis

Aya Hammad¹, Matti Jubouri¹, Abdelaziz O. Surkhi², Mohamad Bashir³

¹University Of York, York

²Faculty of Medicine, Al-Quds University, Jerusalem, Palestine

³Velindre University NHS Trust, Cardiff

09.56 – 10.02

The association between social deprivation and survival after ruptured aortic aneurysms in a UK population

James Budge¹, Keith Farrell-Dillon², Oliver Rees², Bilal Azhar¹, Iain Roy², William Selway², Barnaby Farquharson², Aurelien Gueroult², Ian Loftus², Peter Holt¹

¹St George's University of London, London

²St George's University Hospitals NHS Foundation Trust, London

10.02 – 10.08

Multimodality approach to the repair of chronic post-dissection thoracic and thoracoabdominal aortic aneurysms

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Katarzyna Powezka, Maciej Juszcak, Massimo Vezzosi, Martin Claridge, Paul Clift, Eshan Senanayake, Jorge Mascaro, Donald J. Adam
University Hospitals of Birmingham NHS Foundation Trust, Birmingham

10.08 – 10.14

Long-term outcomes of Fenestrated Endovascular Repair (FEVAR): A GLOBALSTAR registry study - preliminary results

Aurélien Guérout¹, BSET Committee², GLOBALSTAR Collaborators³

¹St George's Vascular Institute, London

²BSET, London

³Globalstar, London

10.14 – 10.20

Stent migration following EVAR: Predicting migration in contemporary practice

Ammar Adel Abdullah¹, Lydia Hanna¹, Ahmed Bakr², Asif Mahmood², Celia Riga¹, Colin Bicknell¹

¹Imperial College London, London

²University Coventry Hospital, Coventry

10.20 – 10.26

Unstented coeliac axis in custom-made 4-vessel FEVAR is safe and durable

Anisha Perera¹, James Budge², Aurelien Gueroult¹, Iain Roy¹, Bilal Azhar², Ian Loftus¹, Peter Holt²

¹St George's Vascular Institute, London

²St George's, University of London, London

10.30 – 10.50

GUEST LECTURE

Chairs: Barend Mees and Colin Bicknell

Collaborative data collection in complex aortic repair: what does this tell us and what questions are still left unanswered?

Gustavo Oderich, John P. and Kathrine G. McGovern Professor of Surgery and Distinguished Chair of Vascular and Endovascular Surgery at the University of Texas Health Science Centre at Houston (UTHealth), USA

10.50 – 11.20: COFFEE

11.20 – 11.35

SOCIETY SPONSOR: ABBOTT

Chairs: Becky Sandford & Julian Scott

11.35 – 11.55

DEBATE (7 + 7 + 6)

Chairs: Becky Sandford & Julian Scott

Luminal gain equates to patient gain in peripheral arterial disease

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For: Caitlin Hicks, Associate Professor of Surgery in the Division of Vascular Surgery at Johns Hopkins University School of Medicine

Against: Keith Jones, Consultant Vascular Surgeon, Frimley Health NHS Foundation Trust

11.55 - 12.10

SOCIETY SPONSOR: GORE

Chairs: Katharine Lewis and Paul Bevis

GORE® VIABAHN® VBX Balloon Expandable Endoprosthesis (VBX Stent Graft) Clinical Program Updates

Arjan Hoksbergen, Consultant Vascular Surgeon, Amsterdam University Medical Centre

12.10 – 12.30

GUEST LECTURE

Chairs: Katharine Lewis and Paul Bevis

IR and vascular surgery collaboration is not just a dream but the only acceptable future

Rob Morgan, Consultant Interventional Radiologist, St George's Hospital and BSIR President

12.30 – 13.40: LUNCH

13.40 – 14.00

DEBATE (7 + 7 + 6)

Chairs: Andy Wigham & Emma Wilton

Deep venous stents: we know where to put them, but we don't know who to put them into

For: Alun Davies, Professor of Vascular Surgery, Imperial College London

Against: Stephen Black, Professor of Venous Surgery, King's College London

14.00 – 14.15

SOCIETY SPONSOR: MEDTRONIC

Chairs: Andy Wigham & Emma Wilton

SmartPlan Pro: shaping the future of cardiovascular care with predictive simulations

Jean-Noël Albertini, Vascular Surgeon and CEO, Predisurge

14.15 – 14.45

ABSTRACT SESSION 2 - (4 + 2 minutes)

Chairs: Nadeem Shaida, Nikesh Dattani & Rob Morgan

14.15 – 14.21

Which stents perform best in the common femoral artery? An analysis of a consecutive series of 55 cases

Marta Madurska, Emma Scott, [Klaus Overbeck](#)

South Tyneside and Sunderland NHS Foundation Trust, Sunderland

14.21 – 14.27

Toward a core outcome set for intermittent claudication: A systematic review of reported outcomes

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Akam Shwan^{1,2,3}, Segun Lamidi¹, Calvin Chan⁴, Elizabeth Daniels⁴, Charlie Song-Smith⁵, Lydia Hanna^{4,6}, Viknesh Sounderajah⁴, John Houghton^{1,2,3}, Rob Sayers^{1,2,3}

¹Department of Cardiovascular Sciences, University of Leicester, Leicester

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

³National Institute for Health Research Leicester Biomedical Research Centre – The Glenfield Hospital, Leicester

⁴Department of Surgery and Cancer, Imperial College London, London

⁵University College London Medical School, London

⁶Department of Vascular Surgery, Imperial College Healthcare NHS Trust, London

14.27 – 14.33

The natural history of splenic artery aneurysms: A decade's experience at a large tertiary vascular centre

Robert Leatherby^{1,2}, David Li^{1,2}, James Budge^{1,2}, Adelola Oseni³, Rose Howroyd³, 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

³Interventional Radiology Department, St George's University Hospital NHS Foundation Trust, London

14.33 – 14.39

Rate and predictors of disease progression to chronic limb-threatening ischaemia in patients with non-surgically managed intermittent claudication: A systematic review

Joseph Froud¹, Madeleine Landin¹, Arsalan Wafi², Sarah White³, Lindsay Bearne^{3,4}, Ashish Patel², Bijan Modarai²

¹Guy's and St Thomas' NHS Foundation Trust, London

²Academic Department of Vascular Surgery, St Thomas' Hospital, London

³Population Health Research Institute, St George's University of London, London

⁴Department of Population Health Sciences, King's College London, London

14.39 – 14.45

A retrospective study of the rate of complications in infra-inguinal angioplasties: SFA vs CFA percutaneous approach

Muhammad Asghar Butt, Muhammad Usman Cheema
Pilgrim Hospital, Boston

14.45 – 15.05

GUEST LECTURE

Chairs: Nadeem Shaida, Nikesh Dattani & Rob Morgan

Endovascular advances in renal access

Kate Steiner, Consultant Interventional Radiologist, East and North Hertfordshire NHS Trust

15.05 – 15.35: TEA

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15.35 – 15.50

SOCIETY SPONSOR: COOK MEDICAL

Chairs: Dave Bosanquet & Katharine Lewis

Zilver PTX Drug Eluting Stent

Paul Moxey, Consultant Vascular Surgeon, St George's NHS Trust

15.50 – 16.20

UPDATE ON UPCOMING ENDOVASCULAR TRIALS IN THE UK

Chairs: Dave Bosanquet and Rob Hinchliffe

Leader-PAD: Rob Hinchliffe

EVOCC: Athanasios Saratzis

CLARITY:

THRIVE: Alun Davies

WARRIORS: Colin Bicknell

16.20 – 16.40

THE ROLE OF THE EXTENDED TEAM IN MANAGING SURVEILLANCE PROGRAMMES

Chairs: Martin Claridge & Shiva Dindyal

16.20 – 16.27

EVAR surveillance in the 2020s: a pragmatic multimodal approach

Katy Bloom, Clinical Vascular Scientist, University of Birmingham

16.27 – 16.34

The role of the vascular scientist in the postoperative management of patients with lower limb revascularisation

Soundrie Padayachee, Consultant, Ultrasonic Angiology, Guy's and St Thomas' Hospital

16.34 – 16.40

Discussion

16.40 – 17.40

AORTIC PRIZE ABSTRACT SESSION - (7 + 3 minutes)

Chairs: Gustavo Oderich, Rachel Bell & Simon Neequaye

16.40 – 16.50

Long term aortic remodelling outcomes for acute Type B aortic dissection

Barnaby Farguharson, James Budge, Bilal Azhar, Iain Roy, Mital Desai, Ian Loftus, Peter Holt
St George's Vascular Institute, London

16.50 – 17.00

Biological effects of radiation exposure in patients treated with X-ray guided endovascular aortic repair

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Tian T Yeong¹, Mohamed A Abdelhalim¹, Jayne Moquet², Stephen Barnard², Grainne OBrien³, Alberto Smith¹, Christophe Badie³, Ashish Patel¹, Elizabeth Ainsbury², Samantha YA Terry⁴, Bijan Modarai¹

¹King's College London, Academic Department of Vascular Surgery, School of Cardiovascular Medicine and Metabolic Medicine & Sciences, BHF Centre of Research Excellence, Guys and St Thomas' NHS Trust, London

²Cytogenetics Group, UK Health Security Agency, Chilton, Oxfordshire

³Cancer Mechanisms and Biomarkers Group, UK Health Security Agency, Chilton, Oxfordshire

⁴King's College London, School of Biomedical Engineering & Imaging Sciences, London

17.00 – 17.10

Interim MRI results of patients in INTERCEPTvar trial: Multicentre pilot randomised controlled trial of carbon dioxide flushing versus saline flushing of thoracic aortic stents

Stephen Crockett¹, Lydia Hanna¹, Abhinav Singh¹, Stephen Gunning¹, Richard Nicholas¹, Colin Bicknell¹, Mohamad Hamady¹, Dennis Gable², Morad Sallam³, Bijan Modarai³, Said Abisi³, Oliver Lyons⁴, Richard Gibbs¹

¹Imperial College London, London

²Baylor Scott White Institute, Plano, Texas, USA

³Guy's and St Thomas' NHS Foundation Trust, London

⁴Canterbury District Health Board, Canterbury, New Zealand

17.10 – 17.20

Machine learning algorithm development for longitudinal sarcopenia assessment of perioperative complex endovascular aortic aneurysm repair

Tamer El-Sayed¹, Manish Bhardwaj², Ashwin Sivaharan¹, Varun Ojha², Huizhi Liang², Sandip Nandhra¹

¹The Northern Vascular Centre, Freeman Hospital, Newcastle University, Newcastle

²School of Computing at Newcastle University, Newcastle

17.20 – 17.30

An early postoperative sac radiomic signature associates with 1-year sac non-regression on follow-up after endovascular repair of infrarenal aortic aneurysm

Keith Farrell-Dillon¹, Bilal Azhar^{1,2}, Rhodri Furlong¹, Mark Young¹, Iain Roy^{1,2}, Ian Loftus^{1,2}, Peter Holt^{1,2}, James Budge^{1,2}

¹St George's University Hospitals NHS Foundation Trust, London

²St George's University, London

17.30 – 17.40

Sex-specific comparison of vascular morphology and thrombus burden, adjusting for relative size and concomitant cardiovascular disease burden

Anna Pouncey¹, Edmund Charles¹, Ruth Scicluna², Matthew Bown², Manj Gohel³, Linda Sharples⁴, Colin Bicknell¹, Janet Powell¹

¹Imperial College London, London

²University Hospitals of Leicester NHS Trust, Leicester

³Cambridge University Hospitals NHS Foundation Trust, Cambridge

⁴London School of Health and Tropical Medicine, London

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17.40 – 18.00

THE PRESIDENT'S DEBATE

Introduced by Martin Claridge

A 5.5cm abdominal aortic aneurysm is just a marker of atherosclerosis and not a threshold for intervention

For: Andrew Garnham

Against: Bijan Modarai

FRIDAY 28th JUNE

8.30 – 9.00

ABSTRACT SESSION 3 - (4 + 2 minutes)

Chairs: Barend Mees, Becky Sandford and Shiva Dindyal

8.30 – 8.36

Defining the demographics of the 'non-dissecting' acute aortic syndromes

Will Selway¹, James Budge¹, Dan Carradice², Raghuram Lakshminarayan², Paul Bevis³, Alex Rolls^{4,5}, Michael Jenkins⁴, Peter Holt¹, Ian Loftus¹

¹St George's Vascular Institute, London

²Hull Royal Infirmary, Hull

³North Bristol NHS Trust, Bristol

⁴St Mary's Hospital, London

⁵Fiona Stanley Hospital, Perth, Australia

8.36 – 8.42

Utilisation of artificial intelligence (AI) technologies to identify acute aortic syndromes from radiology reports

Katarzyna Powezka¹, Radhika Acharya¹, Karin Slater², Michael Wall³, Georgios Gkoutos², Massimo Vezzosi¹, Martin Claridge¹, Donald Adam¹, Maciej Juszcak^{1,2}

¹University Hospitals of Birmingham NHS FT, Birmingham

²University of Birmingham, Birmingham

³Dudley Group NHS FT, Dudley

8.42 – 8.48

Identifying health inequities in Intermittent Claudication: Natural Language Processing insights into ethnicity, social deprivation, and vascular care

Joseph Froud¹, Madeleine Landin¹, Ashish Patel², Alberto Smith², Jack Wu³, Kevin O'Gallagher³, Bijan Modarai²

¹Guy's and St Thomas' NHS Foundation Trust, London

²Academic Department of Vascular Surgery, St Thomas' Hospital, London

³School of Cardiovascular and Metabolic Medicine & Sciences (SCMMS) King's College London, London

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8.48 – 8.54

A pilot study of sustainability in endovascular surgery – Where does all the packaging go?

Hannah Burton, Arindam Chaudhuri

Bedfordshire Hospitals NHS Foundation Trust, Bedford

8.54 – 9.00

Comparative readability analysis of traditional and large language model derived patient information leaflets in vascular surgery

Matthew Pettit¹, Iain Roy¹, James Budge²

¹St George's Hospital, London

²St George's University, London

9.00 – 9.25

VASCULAR SOCIETY SESSION

Sustainable endovascular surgery

Andrew Garnham, VSGBI President

Delivery of the Provision of Vascular Services (POVS) 2021 standards

Marcus Brooks, VSGBI Honorary Secretary

Protecting patients from harm through robust training standards

Patrick Coughlin, VSGBI Education and Training Committee Chair

9.25 – 9.32

GOLD SPONSOR PRESENTATION: SHOCKWAVE

Chairs: Martin Claridge and Kaji Sritharan

9.32 – 9.55

GUEST LECTURE

Chairs: Mike Jenkins & Athanasios Saratzis

New kids on the block: novel techniques in treating peripheral arterial disease

Caitlin Hicks, Associate Professor of Surgery in the Division of Vascular Surgery at Johns Hopkins University School of Medicine

9.55 – 10.25

CASE DISCUSSIONS

Chair: Mike Jenkins

Aorto-iliac

Barend Mees, Vascular and Endovascular Surgeon, Maastricht, Netherlands

Aortic

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Gustavo Oderich, John P. and Kathrine G. McGovern Professor of Surgery and Distinguished Chair of Vascular and Endovascular Surgery at the University of Texas Health Science Centre at Houston (UTHealth), USA

Below the knee

Lorenzo Patrone,

10.25 – 11.00: COFFEE

11.00 – 11.07

GOLD SPONSOR PRESENTATION: TERUMO AORTIC

Chairs: Katharine Lewis, Emma Wilton and Paul Moxey

Early Experience with the Custom-made Treo fenestrated device

Professor F Serracino-Inglott, Consultant Vascular Surgeon, Manchester Royal infirmary

11.07 – 11.30

ENDOVASCULAR TRAINING SYMPOSIUM

Chairs: Katharine Lewis, Emma Wilton and Keith Jones

11.07 – 11.12

The US perspective

Gustavo Oderich, John P. and Kathrine G. McGovern Professor of Surgery and Distinguished Chair of Vascular and Endovascular Surgery at the University of Texas Health Science Centre at Houston (UTHealth), USA

11.12 – 11.17

The UK perspective – how we got here

Jonathan Boyle, Consultant Vascular Surgeon, Cambridge University Hospitals NHS Trust

11.17 – 11.22

The future model for all specialties

Rob Morgan, Consultant Interventional Radiologist, St George's Hospital and BSIR President

11.22 – 11.30

Discussion

11.30 – 11.37

GOLD SPONSOR PRESENTATION: BENTLEY

Chairs: Athanasios Saratzis and Andy Wigham

11.37 – 12.47 – (7 + 3 minutes)

PERIPHERAL PRIZE ABSTRACT SESSION

Chairs: Caitlin Hicks, Athanasios Saratzis and Andy Wigham

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11.37 – 11.47

Tailored risk assessment and forecasting in intermittent claudication using machine learning

Bharadhwaj Ravindhran¹, Jonathon Prosser¹, Ross Lathan¹, Bhupesh Mishra², Daniel Carradice¹, George Smith¹, Dhaval Thakker², Ian Chetter¹, Sean Pymer¹

¹Hull York Medical School, Hull

²University of Hull, Hull

11.47 – 11.57

Long term outcomes of hybrid revascularisation for complex peripheral arterial disease

Arsalan Wafi, Frederick Ross, Muzzafer AA Chaudery, Trixie Yap, Talia Lea, Sanjiban Mandal, Syed Zaidi, Hany Zayed, Ashish Patel

Guy's and St Thomas's NHS Trust, London

11.57 – 12.07

Mechanical thrombectomy to treat Acute Deep Venous Thrombosis - the Lysis free era

Sarah Nduwayo, Samuel Galea, Andrew Wigham, Emma Wilton

Oxford University Hospital NHS Trust, Oxford

12.07 – 12.17

Utility of hand grip strength in predicting mortality risk in chronic limb-threatening ischaemia

Kirsten Goves¹, Amirah Essop-Adam¹, Imelda Black¹, John Houghton^{1,2}, Rob Sayers^{1,2}, Victoria Haunton³

¹University of Leicester, Leicester

²University Hospitals of Leicester NHS Trust, Leicester

³University of Plymouth, Plymouth

12.17 – 12.27

Outcomes of open surgical, hybrid and endovascular management of lower limb acute limb ischaemia

Arsalan Wafi, Mustafa Musajee, Gabi Kaneta, Rachel Bell, Ashish Patel

Guy's and St Thomas's Hospital, London

12.27 – 12.37

Temporal changes and determinants of Quality of Life in patients with Chronic Limb Threatening Ischaemia

Segun Lamidi^{1,2}, Imelda Black¹, Anna Meffen¹, Sarah Nduwayo¹, Andrew Nickinson¹, Amirah Essop-Adam¹, Sarah Jane Messeder¹, Rob Sayers^{1,2}, John Houghton^{1,2}

¹University of Leicester, Leicester

²University Hospitals of Leicester NHS Trust, Leicester

12.37 – 12.47

Covered Endovascular Reconstruction of Aortic Bifurcation (CERAB) learning curves at a tertiary referral centre

Keith Farrell-Dillon¹, Paul Moxey¹, Mohammed Abdelhamid¹, Joo-Young Chun¹, Iain Roy^{1,2}, Bilal Azhar^{1,2}, Mital Desai^{1,2}, Ian Loftus^{1,2}, Peter Holt^{1,2}, James Budge^{1,2}

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¹St George's University Hospitals NHS Foundation Trust, London

²St George's University, London

12.50 – 13.10

CHEE SOONG MEMORIAL LECTURE

Introduced by Bijan Modarai

Vascular Surgery: Reflections from 30 years

Julian Scott, Professor of Vascular Surgery, Leeds Teaching Hospital NHS Trust

13.10 - 13.15

PRESENTATION OF PRIZES AND CLOSE

13.15 – 14.30

LUNCH