



British
Society of
Interventional
Radiology



Vascular Innovation & Technology Advanced Learning Symposium

Monday 24th & Tuesday 25th March 2025
Sopwell House, St Albans

Join us to explore the future of vascular intervention

Course Directors: Prof Mo Hamady & Dr Raghu Lakshminarayan

Course Steering Group: BSIR Vascular Special Interest Committee
(Dr Athanasios Diamantopoulos, Dr Neil Gupta, Dr Bella Hausen,
Dr Shemin Mehta & Dr Conrad von Stempel)

BSIR VITALS Meeting Programme

Day 1 - Monday 24th March 2025

- 10:00-10:30 **Registration and Coffee**
- 10:30-10:40 **Introduction by Course Directors**
- 10:40-11:30 **The changing discourse on Vessel Prep! (State-of-the-Art Technology)**
Dr Ram Kasthuri & Dr Raghu Lakshminarayan
- Vessel preparation: principles, evidence and needs!
Professor Athanasios Saratzis
 - Atherectomy ; where does it fit in the management pathway.
Dr Athanasios Diamantopoulos
 - Lithotripsy; patient and technical factors to maximise outcomes.
Dr Hamza Elgendy
 - When can IVUS make a difference in PAD interventions?
Dr Andrew Wigham
- 11:30-12:20 **Aortic dissection; A comprehensive look at dissection management (State-of-the-Art)**
Professor Mo Hamady & Dr Raman Uberoi
- Decision making process in acute setting; what is missing in the current evidence?
Professor Colin Bicknell
 - Navigating technical Challenges in Aortic Dissection Procedures.
Dr Raf Patel
 - Complicated dissection; endo options on offer.
Dr Matthew Matson
 - Best Practices for Spinal Protection in Complex. Endovascular Procedures.
Professor Srinivasa Vallabhaneni
- 12:20-12:40 **Industry Symposium: Bentley - BeFlared – First Impressions UK**
Dr Raghu Lakshminarayan
Professor Mo Hamady & Dr Raman Uberoi
- 12:40-13:30 **Lunch**

BSIR VITALS Meeting Programme

Day 1 - Monday 24th March 2025

- 13:30-14:15 **Terumo Hands-on Workshop: Renzan, next generation Peripheral Stent**
- 13:30-14:20 **Innovation in Aortic arch interventions (State-of-the-Art)**
Professor Srinivasa Vallabhaneni & Dr Raman Uberoi
- 1,2 or 3 branches TEVAR; How technology is reshaping clinical practice?
Professor Mo Hamady
 - Navigating the Tech Wave in Clinical Environments; what is the Impact on daily practice.
Dr Ganapathy Anantha Krishnan
 - Current strategies for stroke prevention? Are we doing enough?
Professor Hicham Kobeiter
 - Single branch stents; how far can we take it?
Dr David Wells
- 14:20-15:10 **Crural revascularisation - drug eluting technology and its place in the management algorithm (State-of-the-Art)**
Dr Raghu Lakshminarayan & Dr Paul Jenkins
- Sirilomus or Paclitaxil ; evidence for below the knee vessels?
Professor Dan Carradice
 - Intervention startegy; what matters with crural vessels & lesions.
Dr Mo Hadi
 - DES / Scaffold or DEB; when and where? Making the right choice.
Dr Narayan Thulasidasan
 - Optimum pharmacotherapy in peri and post interventions; are we well informed?
Mr Christopher Twine
- 14:45-15:30 **Aquilant Hands-on wokshop: Vital solutions for peripheral arterial disease**

BSIR VITALS Meeting Programme

Day 1 - Monday 24th March 2025

- 15:10-16:00 **Infrarenal aorta (State-of-the-Art Technology)**
Professor Colin Bicknell & Dr Ganapathy Anantha Krishnan
- The choice between 2,3 or 4 fens; impacts on durability & safety!
Dr Martin Hennessy
 - Where can BEVAR be a better option?
Dr Raman Uberoi
 - Pushing the envelope with new devices, is it justified?
Professor Hicham Kobeiter
 - The Art of Stent Grafting: top Tips To Minimise Complications.
Dr Panos Goutzios
- 16:00-16:30 **Coffee Break**
- 16:30-16:50 **Industry Symposium: Boston Scientific - Primary stenting strategies- why, how...and where is the evidence?**
Dr Narayan Thulasidasan
- 16:50-18:00 **Video recorded cases (infra renal aorta)**
Dr Raj Bhat & Dr Shemin Mehta
- Endostaples case endurant
Dr Sapna Puppala
 - Alto case.
Dr Kate Steiner
 - Treo case.
Dr Ganapathy Anantha Krishnan
 - GORE® EXCLUDER® Conformable AAA Endoprosthesis with ACTIVE CONTROL System
Dr Dexter Valencia
 - E-Tegra device.
Dr Matthew Matson
 - AFX 2.
Dr Tom Barge

BSIR VITALS Meeting Programme

Day 1 - Monday 24th March 2025

- 18:00-18:40 **Visceral Interventions (State-of-the-Art)**
Dr Neil Gupta & Dr Raghu Lakshminarayan
- Chronic mesenteric ischemia and evolving technology; how can we enhance outcomes?
Dr Saira Sayeed
 - Visceral aneurysm; Flow diversion - from brain to body!
Dr Fabrizio Chegai
 - Acute mesenteric ischemia; can new technology change the landscape?
Dr Jeremy Taylor
- 18:40-19:30 **Break and Check-in**
- 19:30-20:30 **Abstract Presentation and Drinks Reception**
Professor Mo Hamady
- 20:30-23:30 **Dinner**



BSIR VITALS Meeting Programme

Day 2 - Tuesday 25th March 2025

- 08:10-08:15 **Introduction to Day Two by Course Directors**
- 08:15-09:00 **IR and health system economy**
Professor Rob Morgan & Dr Kate Steiner
- How does the NHS adopt new interventions?
Robert White
 - What is economic value to the NHS and how can health economics support your hospital discussions.
Robert White
 - What if there is no level 1 evidence to support an intervention- is this game over?
Robert White
 - Incorporating the financial aspects into business case; how you can make a difference?
Ms Anita Echlin
- 09:00-09:45 **Deep Venous Interventions (State-of-the-Art)**
Mr Sandip Nandhra & Dr Matthew Gibson
- The role of thrombectomy vs lysis in acute and subacute setting; time for change.
Dr Ralph Jackson
 - Stent choice; what is the latest evidence and experience?
Dr Andrew Wigham
 - Anticoagulation protocol; update.
Dr Ram Kasthuri
- 09:45-10:05 **Industry Symposium: Inari - Modern management of VTE**
Dr Mohammed Rashid Akhtar
- 10:05-10:30 **Coffee Break**

BSIR VITALS Meeting Programme

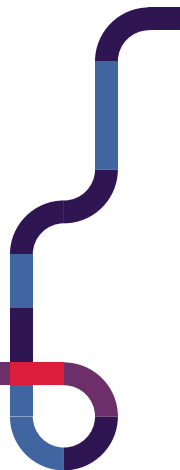
Day 2 - Tuesday 25th March 2025

- 10:30-11:15 **Pulmonary Interventions; current and Future practice**
Dr Raghu Lakshminarayan & Dr Amr Elsaadany
- Imaging features of acute PE: update.
Dr Carole Ridge
 - Endovascular strategies to deal with acute PE; current evidence and experience.
Dr Narayan Karunanithy
 - Clinical indications for IR interventions ; What we know and how we can address a gap in knowledge
Dr Rashid Akhtar
 - Effective and successful PERT service; what are we missing?
Dr Tom Gordon
- 10:30-11:15 **Medtronic Hands-on Workshop, Treating endoleaks with Onyx liquid embolic**
- 11:15-11:55 **Training of future vascular IRs**
Professor Mo Hamady & Dr Neil Gupta
- Challenges and solutions in vascular IR training; BSIR vision.
Professor Rob Morgan
 - How can we optimise training in radiation protection?
Dr Bella Hausen
 - Integration of simulation and human factors in IR curriculum; What are the challenges?
Dr Shilpi Pal
- 12:00-13:00 **Lunch**
- 13:00-13:45 **Acute limb ischemia (State-of-the-Art Technology)**
Dr Athanasios Diamantopoulos & Dr Ralph Jackson
- Endovascular first strategy; choosing the right patient.
Raghu Lakshminarayan
 - Advances in surgical techniques and clinical impact.
Mr Sandip Nandhra
 - Catheter directed thrombolysis; is it still the preferred option?
Dr Raj Bhat
 - Thrombectomy devices; current role and future predications.
Dr Neghal Kandiyil

BSIR VITALS Meeting Programme

Day 2 - Tuesday 25th March 2025

- 13:45-14:30 **Penumbra Hands-on Workshop, Transforming VTE and Arterial Thrombus Management: How CAVT is Redefining Thrombectomy Practices.**
- 13:45-14:30 **Advances in Vascular IR (State-of-the-Art Technology)**
Dr Katharine Lewis & Dr Raj Bhat
- Next-Gen AI Solutions for Improved EVAR Outcomes
Mr. Jean-Noel Albertini
 - Type 1 endoleak; algorithm of intervention.
Dr Rob Williams
 - Embolisation of type 2 endoleak; image fusion and liquid embolics.
Dr Neil Gupta
 - Can sac filling be the answer to type 2 dilemma.
Professor Mo Hamady
- 14:30-14:55 **Coffee Break**
- 15:00-15:45 **Video Recorded Cases (Peripheral Cases)**
Dr Raghu Lakshminarayan
- Peripheral nerve root blocks for PAD
Dr Raf Patel
 - Complex revascularisation for a failed bypass - using all the tools
Dr Shemin Mehta
 - Revascularising long occlusions: Tips and tricks.
Professor Mo Hamady
 - IVUS case demonstration: understanding the gaps in angiography.
Dr Katharine Lewis
- 15:45 **Close of meeting**





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Vascular Innovation & Technology Advanced Learning Symposium

WORKSHOP INFORMATION

MONDAY 24TH MARCH

- 13:30-14:15 Terumo: Renzan, next generation Peripheral Stent
- 14:45-15:30 Aquilant: Vital solutions for peripheral arterial disease

TUESDAY 25TH MARCH

- 10:30-11:15 Medtronic Hands-on Workshop - Endoleaks with Onyx liquid embolic:
- Endovascular embolisation
 - Direct Sac puncture
- Supported by Dr Raj Bhat, Consultant Interventional Radiologist, Ninewells Hospital
- 13:45-14:30 Penumbra Hands-on Workshop - Transforming VTE and Arterial Thrombus Management: How CAVT is Redefining Thrombectomy Practices.

COMPANY PROFILES



Abbott

Everything we make is designed to help you live your best life in good health. That's our commitment to building life-changing technologies that keep your heart healthy, nourish your body at every stage of life, help you feel and move better, and bring you information, medicines and breakthroughs to manage your health. Abbott create breakthrough products – in diagnostics, medical devices, nutrition and branded generic pharmaceuticals – that help you, your family and your community lead healthier lives. Today, 115,000 of us are working to make a lasting impact on health in the more than 160 countries we serve.



Patients first. No small plans. Take care of each other. These are the guiding principles that form the ethos of Inari Medical. We are committed to improving lives in extraordinary ways by creating innovative solutions for both unmet and underserved health needs. In addition to our purpose-built solutions, we leverage our capabilities in education, clinical research, and program development to improve patient outcomes. We are passionate about our mission to establish our treatments as the standard of care for venous thromboembolism and four other targeted disease states. We are just getting started. Learn more at www.inarimedical.com and connect with us on LinkedIn, X (Twitter), and Instagram.



Acandis is a forerunner and pioneer of current and future innovations in the field of minimally invasive endovascular technologies and solutions for the treatment of neurovascular diseases based on miniaturised medical technology. We are a dynamic team with high motivation, creativity and initiative, dedicating ourselves to technological and medical challenges. Technology and innovation drives us – “miniaturisation” is our motto. We cultivate an open corporate culture with flat hierarchies and rely on the innovative strength of our employees: “We always give every good idea a chance”, says CEO Dr. Andreas Schüssler.”

COMPANY PROFILES

Aquilant

A HCS Group Company

Aquilant, part of the Healthcare 21 group is a leading UK distributor within the MedTech sector offering a superior, innovative portfolio of products to Interventional Radiology departments across the UK. We offer a comprehensive portfolio for vascular interventions covering both peripheral arterial disease and venous indications. We partner with suppliers including AngioDynamics for the Aurion laser atherectomy system, Optimed with their diverse portfolio of PAD and venous solutions including the Tentos 4F stent. Other products include the Cardionovum Legflow and Aperto paclitaxel-releasing balloons and Balt with their comprehensive range of embolisation products including the Prestige coils and Magic Glue. We would welcome conversations to explain how our solutions can support your procedures and assist in providing improved patient outcomes. We offer a bespoke, consultative service incorporating training and procedural support providing clinicians with more treatment options, leading to better solutions for the patient, clinicians and trusts.

Boston Scientific

Advancing science for life™

Boston Scientific transforms lives through innovative medical technologies that improve the health of patients around the world. As a global medical technology leader for more than 45 years, we advance science for life by providing a broad range of high-performance solutions that address unmet patient needs and reduce the cost of health care. Our portfolio of devices and therapies helps physicians transforming the lives of patients through minimally invasive treatments for vascular conditions, including peripheral artery disease, pulmonary embolism and deep vein thrombosis. We provide a range of options to visualise and treat patients, with advanced peripheral imaging, endovascular solutions and clot management techniques. For more information, visit www.bostonscientific.eu and connect on LinkedIn and X, formerly Twitter.

COMPANY PROFILES



At Endologix, we believe the pursuit of disruptive innovation requires unwavering persistence. Guided by data, we pioneer interventions that address persistent unmet needs in patients with vascular disease. We empower physicians underserved by current solutions so we can confidently redefine what is possible, together. This is our promise.



GAP Medical Solutions are a leading Medical Device Distributor, Specialising in the areas of Interventional Vascular, Cardiology, Neuroradiology & Radiation Protection. Our mission is to bring new and innovative products from around the world to the UK market. Our Partner iVascular is a fast-growing company founded in 2010 in Barcelona, Spain. Their mission is to develop innovative advanced medical devices and therapies for the treatment of disorders of the vascular system. This includes brands like iCover, Luminor, iVolution Pro and Angiolite BTK. Their commitment to quality and innovation has led them to be present in more than 70 countries, fulfilling the needs of patients worldwide. Our Partner Infab is a manufacturer specializing and customisable radiation protection products. They produce a range of high-quality equipment designed to safeguard individuals from radiation exposure. Here are some of their notable products: GAP Medicals team are here to help with your product and logistical queries. Please call or contact our team or visit our website www.gapmedicalsolutions.com



W. L. Gore & Associates is a global materials science company dedicated to transforming industries and improving lives. Since 1958, Gore has solved complex technical challenges in demanding environments — from outer space to the world's highest peaks to the inner workings of the human body. With more than 11,000 Associates and a strong, team-oriented culture, Gore generates annual revenues of \$3.8 billion. For more information, visit gore.com. Gore engineers

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medical devices that treat a range of cardiovascular and other health conditions. With more than 50 million medical devices implanted over the course of more than 45 years, Gore builds on its legacy of improving patient outcomes through research, education and quality initiatives. Product performance, ease of use and quality of service provide sustainable cost savings for physicians, hospitals and insurers. Gore is joined in service with clinicians and through this collaboration we are improving lives. For more information, visit goremedical.com.

Medtronic

Engineering the extraordinary

Medtronic Aortic's vision is to advance aortic patient care globally with evidence-based, intelligent solutions throughout the disease continuum. Each individual word in our vision has been carefully selected and feeds into our strategic focus areas from our product developments and clinical evidence through to medical education and our data and services.

PHILIPS

At Philips, our purpose is to improve people's health and well-being through meaningful innovation. We aim to improve 2.5 billion lives per year by 2030, including 400 million in underserved communities. We have played a pioneering role in image-guided minimally invasive therapy for cardiovascular disease since the inception of the field back in the 1950s, thanks to our expertise in X-ray imaging systems. And in Peripheral Vascular, Philips offers a portfolio of specialty devices to treat a range of atherosclerotic lesions and thrombus in lower-extremity arteries and veins. In addition to IVUS, the portfolio features a suite of vessel preparation and treatment devices including both mechanical and laser atherectomy, scoring balloons, and a mechanical thrombectomy. It also includes crossing and re-entry catheters to support vessel access and procedural versatility.

COMPANY PROFILES



Shockwave Medical, a business unit of Johnson & Johnson MedTech, is a leader in the development and commercialization of innovative products that are transforming the treatment of cardiovascular and peripheral arterial disease. Its first-of-its-kind Intravascular Lithotripsy (IVL) technology has transformed the treatment of calcified arteries by safely using sonic pressure waves to disrupt challenging calcified plaque, resulting in significantly improved patient outcomes. Offering an effective strategy for calcified PAD, IVL provides superior vessel prep and excellent long-term results in calcified vessels. Our low-risk, effective mechanism of action (MOA) delivers consistent results and powerful calcium-cracking capabilities — even in the hardest-to-reach vessels. Learn more at www.shockwavemedical.com



At Terumo Aortic, we partner with our customers to revolutionise aortic care. We deliver innovation, versatility and precision with the broadest range of solutions that can be personalised for every patient. We are further complementing our implantable device portfolio through the development of digital technologies.



VP MED is a leading UK-based MedTech company dedicated to supplying and accelerating the adoption of innovative, patient-focused medical technologies. Our passion for delivering education and product support drives collaboration with key opinion leaders to communicate new ideas and innovations. We design highly informative, educational programmes to support both our product offering and to empower healthcare professionals with key knowledge. Our representatives work across the UK to provide comprehensive product support and educational resources to clinical teams. Our mission: to help people.

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ARTIVION™

Artivion is a leader in the manufacturing, processing, and distribution of medical devices and implantable tissues used in cardiac and vascular surgical procedures focused on aortic repair. Our purpose is to develop simple, elegant solutions that address cardiac and vascular surgeons' most difficult challenges in treating patients with diseases of the aorta and deliver breakthrough technologies of unsurpassed quality that have far-reaching impact. Our decades of expertise in treating aortic diseases—coupled with our recent acquisitions and partnerships - have empowered us to offer cardiac and vascular surgeons a suite of aortic-centric solutions such as aortic stents and stent grafts, cryopreserved cardiac and vascular allografts, surgical sealants and prosthetic heart valves. Artivion has over 1,250 employees worldwide with sales representation in over 100 countries. The Company has manufacturing facilities located in Atlanta, Georgia, Austin, Texas, and Hechingen, Germany. Additionally, it has sales teams and distribution offices in various countries throughout Europe, Asia, and South America.

Bentley

Bentley's passion is the development, manufacturing and distribution of innovative implants for minimal-invasive treatments of vascular diseases. Since market launch in 2012 we rapidly expanded worldwide. Thanks to our international network of exclusive distribution partners, we are represented in more than 80 countries – in some we are already market leaders.

macromed

Macromed is the gateway company for next generation medical device technology - addressing limitations of established devices to advance clinical practice, combined with market leading customer service, exceptional focus, and the flexibility of an independent UK based organisation with big corporate backing.

BSIR VITALS 2025 Accepted Abstracts

**Bridging Competency Gaps in Interventional Radiology Training:
A Pre- and Post-Intervention Analysis of a Simulation-Based Study Day
for Core Radiology Trainees - Chukwuemeka Igwe**

**Predicting the role of endovascular intervention for managing
pulmonary embolism across a Scottish health board - Sophie Adams**

Vascular Closure Devices, Can we Predict Failure - Nicholas Lorch

**Conforming to standards? A Retrospective Review of the
Conformability of the GORE Conformable TAG Stent Graft
at a Tertiary Vascular Centre - Sara ffrench-Constant**

**Uterine Artery Embolisation for Women with Giant versus Non-Giant
Uterine Fibroids: A Systematic Review & Meta-analysis - Oliver Llewellyn**

**Audit of Radiation Doses During Endovascular
Aneurysm Repair - Rebecca Sketcher**

Pulmonary embolus intervention – What is the current landscape - Ali Moonan

**Safety and effectiveness of ultrasound-guided popliteal sciatic nerve block in
the endovascular treatment of patients with chronic limb ischaemia - Rim Aly**

**Reintervention rates on Femoral popliteal bypasses
at a large vascular centre - Oliver Holman**

**Interventional Radiology (IR) patient satisfaction survey:
face to face or telephone clinic? - Maryam Jan**

Dose reduction for uterine fibroid embolisations - Charlotte Macianskis

Endovascular mesenteric ischaemic outcomes - Nicholas Rebuffa

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