

SVT Manchester 2021

Annual Scientific Meeting

Wednesday 1st and Thursday 2nd December 2021



Programme 2021

Manchester Central Convention Centre

Join us for an exciting two days on *The Future of Vascular Science*

This year's prizes:

Best Research Proposal - £100 + SVT trophy

Best Completed Study - £250 + SVT trophy

Best Scientific or Case Study Presentation - £500 + SVT trophy

SVT Evening Drinks Reception

Wednesday 1st December

The Argyle Suite, Manahatta,
188-192 Deansgate, Manchester M3 3ND

<https://www.manahatta.co.uk/bars/deansgate/private-hire-manchester>

Dress code – smart casual, no trainers or sportswear

Come and join the SVT for a taste of New York in the heart of Manchester at Manahatta while you chat and unwind with friends and colleagues. Prosecco and nibbles will be available from 7:30pm on a first come first served basis.



THE SOCIETY FOR
VASCULAR TECHNOLOGY OF
GREAT BRITAIN AND IRELAND

Wednesday 1st December Programme

REGISTRATION OPENS

Room – Charter 3

09:00 - 09:05 WELCOME

Lee Smith, SVT President

09:00 - 12:00 RESEARCH SKILLS AND METHODS WORKSHOP

A live data exercise supported by theory to support members in undertaking their own research. This workshop will provide members with the theoretical knowledge for undertaking STP Equivalence.

12:00 - 13:00 LUNCH AND EXHIBITION

Served in the main exhibition hall

13:00 - 13:20 KEYNOTE SPEAKER

Dr Beth Harris, NIHR Senior Programme Manager,
“NIHR funding to develop your research career”

13:25 - 15:00 STP RESEARCH PROPOSALS

The afternoon will be composed of research proposals from STP students and closed with a one-hour joint session with VASBI on endovascular AVF

15:00-15:30 COFFEE BREAK

Served in the main exhibition hall

15:30-1630 JOINT VASBI-SVTGBI SESSION

“Endovascular AVF and ultrasounds role”

Miss Amy Bolsworth, Vascular Scientist, Barts Health NHS Trust

Dr Ounali Jaffer, Consultant Interventional Radiologist, Barts Health NHS Trust

Dr Zaib Khawaja, Specialty Doctor in Transplant/Dialysis Access, University Hospitals Birmingham

Mr Jon De Siqueia, Deputy Chair, Vascular Access Special Interest Group,
Vascular Society GB&I

“Vascular access research priorities from the priority setting partnership”

17:00 - 18:00 SVT HEADS OF SERVICING MEETING

Agenda to be provided by the President

18:00 - 20:00 VASCULAR SOCIETY WELCOME RECEPTION

Drinks served in the Exhibition Hall

19:30 SVT DRINKS RECEPTION – MANAHATTA BAR

188-192 Deansgate, Manchester, M3 3ND.

Research Skills and Methods Workshop

A live data exercise supported by theory to support members in undertaking their own research. This workshop will provide members with the theoretical knowledge for undertaking STP Equivalence.

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Room – Charter 3

PRE-COURSE LEARNING – Good Clinical Practice

<https://sites.google.com/a/nih.ac.uk/crn-learn-help/accessing-nih-learn>

09:00 - 09:02 INTRODUCTION BY CHAIRS

09:02 - 10:30 ROADMAPS, PITFALLS, PATIENTS AND DATA

- 09:02 - 09:22: **Dr Richard Simpson**, Principle Vascular Scientist – Nottingham NHS FT
“A roadmap to research”
- 09:22 – 09:42: **Prof. Cliona Kirwan**, Royal College of Surgeons Professor of Clinical Trials, North West Surgical Trials Centre and The University of Manchester
“Levels of Evidence, Pitfalls of Research and Patient and Participant Involvement”
- 09:42 – 10:30: A live data exercise on ABPI vs TBPI vs Duplex. Group work to identify errors and pitfalls to gain experience in working with your data.

10:30 - 11:00 COFFEE BREAK

Served in the main exhibition hall

11:00 – 12:00 FUNDING, REGULATIONS, APPROVALS, STATISTICS AND
DISSEMINATION

- 11:00 – 11:20: **Prof. Matt Bown**, Professor of Vascular Surgery, University of Leicester.
“Funding and Grants(wo)manship”
- 11:20 – 11:40: **Dr Steven Rogers**, NIHR Clinical Lecturer, University of Manchester.
“When is research, research and what paperwork do I need?”
- 11:40 – 11:55: **Miss Emma Barrett**, Medical Statistician, Manchester University NHS FT and University of Manchester.
“Basic Statistics for Vascular Science”
- 11:55: - 12:00: **Ms Yvonne Sensier**, Senior Clinical Vascular Scientist, Leicester Hospitals NHS FT.
“Reporting and disseminating results”

12:00 SESSION CLOSE

12:00 – 13:00 LUNCH AND EXHIBITION

Served in the main exhibition hall

STUDENT RESEARCH PROPOSALS

The clinical efficacy of vascular ultrasound screening prior to kidney transplantation.	Mr Louis Alexander, Clinical Scientist, King's College Hospital NHS Foundation Trust
Understanding the impact and associations of Health Literacy with outcomes for Chronic Limb-threatening Ischaemia (CLTI); The HeaLTHI study	Miss Chloe Bishop, Trainee Vascular Scientist, Newcastle upon Tyne Hospitals NHS FT
A prospective evaluation of the current diagnostic pathway for patients with suspected giant cell arteritis	Miss Sophie Bowen, Trainee Vascular Scientist, University Hospitals Bristol
Transthoracic ultrasound evaluation of Thoracic aortic aneurysms.	Miss Hannah Davey, Trainee Vascular Scientist, University Hospital Southampton NHS FT
A retrospective service evaluation investigating the role of carotid artery screening prior to elective cardiac surgery in reducing perioperative stroke rate.	Miss Shannon Halliwell, Trainee Vascular Scientist, University Hospitals Bristol
A single centre service evaluation examining the effectiveness of contrast enhanced ultrasound compared to computed tomography angiography and duplex ultrasound in the detection of endoleaks post endovascular aneurysm repair	Mr David Machin, Trainee Vascular Scientist, Gloucestershire Hospitals NHS Foundation Trust
An evaluation of using Ankle-Brachial Pressure Index (ABPI) and Toe-Brachial Index (TBI) as a screening tool post-angioplasty.	Mrs Rebecca Nygaard, Trainee Vascular Scientist, Nottingham University Hospitals NHS Trust
A retrospective study on ultrasound velocity criteria for suspected Popliteal Artery Entrapment Syndrome (PAES)	Miss Abigail Traynor, Trainee Vascular Scientist, Imperial College Healthcare NHS Trust

Thursday 2nd December Programme

REGISTRATION OPENS

Room – Charter 3

09:00 - 09:05 WELCOME

Lee Smith, SVT President

09:00 - 10:30 RECENTLY COMPLETED STUDIES ORAL PRESENTATIONS

10:30-11:00 COFFEE BREAK

Served in the main exhibition hall

11:00 – 13:00 SCIENTIFIC AND CASE STUDY PRESENTATIONS

13:00 - 14:00 LUNCH AND EXHIBITION

Served in the main exhibition hall

14:00 - 14:44 THE GREAT DEBATE

“Should vascular ultrasound *only* be performed by experienced vascular scientists”

For the motion:

Lynne Macrae, SVT membership Secretary

Alun Davies, Professor of Vascular Surgery

Against the motion:

Kamran Modaresi, SVT Vice President Elect

Sophie Renton, Vascular Society Honorary Secretary

Louise Allen, SVN President

1445-1530 KEYNOTE AND INVITED SPEAKERS

Prof. Justin Mason, Professor of Vascular Rheumatology, Imperial Collage London

“Role of MRA and PET, compared with US, in the management of patients with large vessel vasculitis”

Mr Neil Hopper, Consultant Vascular Surgeon, Royal Cornwall NHS FT.

“Being a vascular surgeon and bilateral lower limb amputee; How can my experience help my patients”

15:30-16:00 COFFEE BREAK

Served in the main exhibition hall

16:00 - 1620 JACKIE WALTON LECTURE

Mr Gurdeep Jandu, Interventional Vascular Scientist, My Vein Clinic

“The role of an interventional vascular scientist in venous procedures and my journey so far”

16:20-16:30 VENOUS RESEARCH PRIORITIES

Mr Dan Carridice, Chair, Venous Special Interest Group, Vascular Society GB&I

“Patient led prioritization of venous research and national multidisciplinary collaboration”

16:30 – 17:15 ANNUAL GENERAL MEETING & TRAINEE BREAKOUT SESSION

17:15 – 17:30 ANN DONALD AWARD, PRIZE GIVING & HONORARY MEMBERSHIP

1930-0000 GALA DINNER

Manchester Central Convention Centre

RECENTLY COMPLETED RESEARCH BY NEWLY QUALIFIED CVS

Retrospective analysis of abdominal aortic aneurysm growth rate in patients undergoing local ultrasound surveillance	Mr Ian Hornby, Junior Vascular Scientist, University Hospitals Bristol
Prospective evaluation of inpatient treatment for lower limb Deep Venous Thrombosis (DVT)	Miss Emily Morgan, Clinical Vascular Scientist, University Hospitals Bristol
The feasibility of assessing Cerebrovascular Reactivity with Carotid Duplex ultrasound (Duplex-CVR)	Dr Osian Llwyd, Clinical Vascular Scientist, Oxford University Hospitals NHS FT
A service evaluation of abdominal aortic aneurysm ultrasound surveillance in a large London teaching hospital	Miss Hannah Lord, Clinical Vascular Scientist, King's College Hospital NHS Foundation Trust
Should the iliac veins and veins below the knee be scanned routinely as part of the protocol in ultrasound scanning for deep vein thrombosis diagnosis?	Mr Amine Turay, Clinical Vascular Scientist, Imperial College Healthcare NHS Trust

SCIENTIFIC AND CASE STUDY PRESENTATIONS

Case study – Superior Mesenteric Artery (SMA) syndrome	Miss Emily Hillier, Vascular Scientist, King's College Hospital NHS Foundation Trust
Semi-automatic measurement of carotid plaque volume using 3D ultrasound: a potential new clinical tool	Miss Alison Phair, PhD Student, University of Manchester
Persistent Sciatic Artery	Mrs Nicolette Kelly, Vascular Scientist, Worcestershire Acute NHS Trust
Popliteal Artery Entrapment Syndrome – Using Ultrasound to Determine What is Normal vs Pathogenic.	Dr David Barrett, Trainee Vascular Scientist, Manchester University NHS FT
Case study - Transient Perivascular Inflammation of the Carotid artery (TIPIC) syndrome	Ms Helen Dixon, Senior AVS, King's College Hospital NHS Foundation Trust
Measuring carotid plaque content with grey-scale median by 3D ultrasound	Miss Alison Phair, PhD Student, University of Manchester
Carotid Web; Missed on Duplex	Dr Nazia Saeed, Senior AVS, London North West University Healthcare NHS Trust

Trainee Breakout Programme

Thursday 2nd December

Room - Exchange 10

1630-1645 Review of the SVT training pathway

Review of the process of gaining your AVS and maintaining it beyond accreditation (including introduction of CPD and audit)

1645-1700 Survey of training experiences

Interactive session including a PowerPoint to assess the provision of training across centres and to encourage discussion on the experience of trainees

1700-1710 Trainee discussion and questions

Open discussion regarding training and questions to the education team

1710-1715 Signposting and close

Close of session including contact details for committee and signposts for trainee wellbeing

17:15 Trainees to join main programme in Charter 3 for prize giving