

Curriculum Vitae

Mr Athanasios Saratzis MBBS FHEA FRCS PhD

Associate Professor of Vascular Surgery

Honorary Consultant Vascular & Endovascular Surgeon

National Institute for Health Research (NIHR) Advanced Fellow

Address: British Heart Foundation (BHF) Cardiovascular Research Facility (Office 3.04, 3rd floor)

Glenfield Hospital, Leicester, LE39QP, United Kingdom

E-mail: saratzis@doctors.net.uk; as875@le.ac.uk

Telephone: +447531418104

General Medical Council (GMC) number: 7024328 (Specialist Register – General Surgery; Vascular)

Undergraduate studies: 1/2003-7/2008: Academic Degree in Medicine (**MBBS** equivalent); Aristotle University School of Medicine, Greece (*1st class honours*).

Post-graduate studies:

7/2009-7.2013: **Ph.D.** - “Association of functional genetic polymorphisms with the development of abdominal aortic aneurysm and outcome after endovascular repair”; Aristotle University School of Medicine, Greece & University of Birmingham, UK – international collaborative study between two academic and clinical institutions.

Selected registrations, professional-body memberships:

02/2021 - present: Research Collaboration for Peripheral Arterial Disease (**RCPAD.org**) - founding member

08/2022 - present: **NICE** Technology Appraisal Committee (TAC) - member

06/2021 - present: **BJS Open** Associate Editor

05/2020 - present: **BJS** Assistant Editor; **PLOS**One Associate Editor

02/2020 - present: Kidney Disease Improving Global Outcomes **KDIGO** Vascular Committee - member

01/2020-12/2020: Royal College of Surgeons of England **Hunterian Professor 2020**

10/2019 - present: **Vascular Society of GB & Ireland** Peripheral Arterial Disease Research Group - vice chair

02/2018 - present: **NIHR Health Technology Assessment Clinical Evaluation & Trials Committee** - member

03/2018 - present: **UK Perioperative Medicine Clinical Trials Network** - PI for Midlands

02/2018 - present: **Royal College of Surgeons**, England (London), UK (FRCS) - Fellow (FRCS)

01/2018-06/2019: **Vascular and Endovascular Research Network (VERN)** founding member, ex-president

01/2018 - present: **NIHR Surgical MedTech Co-operative** - PI for Midlands

03/2016 - present: **Higher Education Academy** - Fellow (FRCS)

Languages: Greek, English

Work experience:

Current [supported by a **National Institute for Health Research (NIHR) Advanced Fellowship until April 2024**]

Associate Professor of Vascular Surgery, NIHR Leicester Biomedical Research Centre (BRC) & Department of Cardiovascular Sciences, University of Leicester.

Honorary Consultant Vascular & Endovascular Surgeon, Leicester Vascular Institute.

Academic expertise: applied vascular surgical research including randomised trials; complex intervention development and evaluation; international large-scale collaborative research (I have established and led one of the

31/08/2022

largest cardiovascular research networks globally – VERN); organ protection in vascular disease(s), especially relating to renal injury.

Clinical expertise: complex peripheral revascularisation using modern endovascular techniques; limb salvage; internationally recognised for my peripheral endovascular expertise.

Previous Research Posts

- 01/10/2014-30/09/2019: **NIHR Clinical Lecturer**, NIHR Leicester BRC & East Midlands Deanery
- 07/2009-07/2013: **PhD** fellow, Birmingham University & Dudley Group NHS Foundation Trust.

Previous Clinical Posts

- 01/10/2018-01/10/2019: **Post-CCT Senior Lower Limb Fellow**, Guy's & St Thomas' Hospital, London
- 01/10/2014-30/09/2018: **NIHR ACL & General/Vascular Surgery Registrar**, East Midlands Deanery
- 02/10/2013-30/09/2014: **General & Vascular Surgery Registrar (ST4 – colorectal surgery)**, University Hospital Coventry and Warwickshire, West Midlands Deanery
- 3/10/2012-1/10/2013: **General & Vascular Surgery Registrar (ST3 – vascular surgery)**, Heart of England NHS Foundation Trust, West Midlands Deanery
- 03/08/2011-01/08/2012: **Core Surgical Trainee (CT2)**, West Midlands Deanery
6/12 Vascular Surgery (University Hospital Coventry and Warwickshire)
6/12 Colorectal Surgery (Worcestershire Acute Hospitals)
- 04/08/2010-02/08/2011: **Core Surgical Trainee (CT1)**, West Midlands Deanery
4/12 Vascular Surgery (George Eliot Hospital)
4/12 Urology (George Eliot Hospital)
4/12 Trauma & Orthopaedics (George Eliot Hospital)
- 01/10/2008-03/08/2010: **Academic Foundation Trainee**, West Midlands Deanery.

Under-graduate electives and exchange programmes

- **2006** (July, August) and **2004** (July): **Elective**, Department of Rheumatology, Dudley NHS Trust
- **2003** (July, August): **Student Exchange Scholarship**, Department of Transplant & Cardiac Surgery, LKH (Landeskrankenhaus), Graz, Austria; IFMSA (*International Federation of Medical Students Associations*) international exchange studentship (scholar).

Managerial experience:

I have established (since 2014) and led the Vascular and Endovascular Research Network (VERN), which is the leading vascular collaborative globally with membership extending to 53 countries. In 2019 I set up a pan-European network of research active Peripheral Arterial Disease (PAD) centres, the RCPAD collaborative, quickly establishing it as the leading network for PAD research in 17 European countries.

I have received formal managerial and academic leadership training by Harvard University and the NIHR (Diplomas in Academic and Surgical Leadership).

Academic supervision & study oversight: Successfully supervised (2014-present) 2 MD, 4 BSc, and 1 PhD students.

Currently supervising an Academic Clinical Lecturer (ACL) funded by the British Heart Foundation (BHF).

Chief investigator for 4 national clinical studies (applied vascular research) & primary investigator for 4 clinical trials locally (2 national and 2 international studies). Deputy Chief Investigator of the NIHR HTA funded BASIL-3 trial.

Courses:

I have received formal training on developing and delivering large scale clinical research, including a variety of advanced courses by **Harvard University Medical School**, **NIHR**, and the **Wellcome** Trust, including world-class senior academic leadership courses (see below). I have completed all **Royal College of Surgeons** courses relating to vascular surgery and/or radiological interventions.

Selected courses (reverse chronological order):

- 1) **Harvard University Surgical Leadership Programme** 2019-2021 cohort (18 months)
- 2) **Oxford University Advanced Qualitative Research Course** 2021 (5 days)
- 3) **NIHR Leadership Programme**, Ashridge Business School (18 month leadership course in healthcare & research, including personal coaching, 2015-2017 – 18 months)
- 4) **Office for National Statistics Accredited Researcher** (AR number: ONSF20364)
- 5) **Running and Setting-up Streamlined Clinical Trials**, Nuffield Department, Oxford University, April 2016
- 6) **United Kingdom Clinical Scholars Research Training (UKCSRT) Programme**, 6 month programme on clinical research by **Harvard University** (scholarship)
- 7) **Train the Trainers**, Royal College of Surgeons, January 2016
- 8) **Design and Analysis of Randomised Controlled Trials**, University of Bristol, June 2015
- 9) **Randomized Controlled Studies Workshop**, Academy of Medical Sciences, June 2014

Publications (updated August 2022):

- 167 peer-reviewed publications (available on MEDLINE)
- 4,444 citations
- 89 manuscripts published in a journal with an impact factor >5.0
- h-index: 37

Original peer-reviewed papers:

Reverse chronological order

Wong KH, Zlatanovic P, Bosanquet DC, Saratzis A, Kakkos SK, Aboyans V, et al. Antithrombotic therapy for aortic aneurysms: a systematic review and meta-analysis. *Eur J Vasc Endovasc Surg.* 2022.

Watson EL, Patel B, Katsogridakis E, Pepper CJ, Messeder SJ, Saratzis A, et al. Selecting portable ankle/toe brachial pressure index systems for a peripheral arterial disease population screening programme: A systematic review, clinical evaluation exercise, and consensus process. *Eur J Vasc Endovasc Surg.* 2022.

Troisi N, Saratzis A, Katsogridakis E, Stavroulakis K, Berchiolli R, Zayed H, et al. Different Endovascular Modalities of Treatment for Isolated Atherosclerotic Popliteal Artery Lesions (EMO-POP registry). *J Vasc Surg.* 2022.

Saratzis A, Naylor R. 30 Day Outcomes After Carotid Interventions: An Updated Meta-analysis of Randomised Controlled Trials in Asymptomatic Patients. *Eur J Vasc Endovasc Surg.* 2022;63(1):157-8.

Saratzis A, Argyriou A, Davies R, Bisdas T, Chaudhuri A, Torsello G, et al. Editor's Choice - Covered vs. Bare Metal Stents in the Reconstruction of the Aortic Bifurcation: Early and Midterm Outcomes from the COBRA European Multicentre Registry. *Eur J Vasc Endovasc Surg.* 2022;63(5):688-95.

31/08/2022

Majeed GM, Lodhia K, Carter J, Kingdon J, Morris RI, Gwozdz A, et al. A Systematic Review and Meta-Analysis of 12-Month Patency After Intervention for Iliofemoral Obstruction Using Dedicated or Non-Dedicated Venous Stents. *J Endovasc Ther.* 2022;29(3):478-92.

Liyanage L, Musto L, Budgeon C, Ruddy G, Biggs M, Saratzis A, et al. Multimodal Structural Analysis of the Human Aorta: From Valve to Bifurcation. *Eur J Vasc Endovasc Surg.* 2022;63(5):721-30.

Sidloff DA, Saratzis A, Thompson J, Katsogridakis E, Bown MJ. Editor's Choice - Infra-Renal Aortic Diameter and Cardiovascular Risk: Making Better Use of Abdominal Aortic Aneurysm Screening Outcomes. *Eur J Vasc Endovasc Surg.* 2021;62(1):38-45.

Saratzis A, Stavroulakis K. Contemporary endovascular management of common femoral artery atherosclerotic disease. *Br J Surg.* 2021;108(8):882-4.

Saratzis A, Salem M, Sabbagh C, Abisi S, Huasen B, Egun A, et al. Treatment of Aortoiliac Occlusive Disease With the Covered Endovascular Reconstruction of the Aortic Bifurcation (CERAB) Technique: Results of a UK Multicenter Study. *J Endovasc Ther.* 2021;28(5):737-45.

Sarafidis P, Martens S, Saratzis A, Kadian-Dodov D, Murray PT, Shanahan CM, et al. Diseases of the Aorta and Kidney Disease: Conclusions from a Kidney Disease: Improving Global Outcomes (KDIGO) Controversies Conference. *Cardiovasc Res.* 2021.

Salem M, Hosny MS, Francia F, Sallam M, Saratzis A, Saha P, et al. Management of Extensive Aorto-Iliac Disease: A Systematic Review and Meta-Analysis of 9319 Patients. *Cardiovasc Intervent Radiol.* 2021;44(10):1518-35.

Katsogridakis E, Lea T, Yap T, Batchelder A, Saha P, Diamantopoulos A, et al. Acute kidney injury following endovascular intervention for peripheral artery disease. *Br J Surg.* 2021;108(2):152-9.

Gwilym BL, Dovell G, Dattani N, Ambler GK, Shalhoub J, Forsythe RO, et al. Editor's Choice - Systematic Review and Meta-Analysis of Wound Adjuncts for the Prevention of Groin Wound Surgical Site Infection in Arterial Surgery. *Eur J Vasc Endovasc Surg.* 2021;61(4):636-46.

Gwilym BL, Ambler GK, Saratzis A, Bosanquet DC, Groin wound Infection after Vascular Exposure Study G. Groin Wound Infection after Vascular Exposure (GIVE) Risk Prediction Models: Development, Internal Validation, and Comparison with Existing Risk Prediction Models Identified in a Systematic Literature Review. *Eur J Vasc Endovasc Surg.* 2021;62(2):258-66.

Duncan A, Maslen C, Gibson C, Hartshorne T, Farooqi A, Saratzis A, et al. Ultrasound screening for abdominal aortic aneurysm in high-risk women. *Br J Surg.* 2021;108(10):1192-8.

Argyriou A, Kafetzakis A, Saratzis A, Huasen B, Coscas R, Renard R, et al. Revascularization Outcomes in Patients With Acute Limb Ischemia and Active Neoplastic Disease. *J Endovasc Ther.* 2021;28(1):100-6.

Tang W, Saratzis A, Pattee J, Smith J, Pankratz N, Leavy OC, et al. Replication of Newly Identified Genetic Associations Between Abdominal Aortic Aneurysm and SMYD2, LINC00540, PCIF1/MMP9/ZNF335, and ERG. *Eur J Vasc Endovasc Surg.* 2020;59(1):92-7.

Saratzis A, Lea T, Yap T, Batchelder A, Thomson B, Saha P, et al. Paclitaxel and Mortality Following Peripheral Angioplasty: An Adjusted and Case Matched Multicentre Analysis. *Eur J Vasc Endovasc Surg.* 2020;60(2):220-9.

Saratzis A, Kolbel T. Fenestrations, Branches, and the Kidney. *Eur J Vasc Endovasc Surg.* 2020;60(3):402.

Saratzis A, Joshi S, Benson RA, Bosanquet D, Dattani N, Batchelder A, et al. Editor's Choice - Acute Kidney Injury (AKI) in Aortic Intervention: Findings From the Midlands Aortic Renal Injury (MARI) Cohort Study. *Eur J Vasc Endovasc Surg.* 2020;59(6):899-909.

Robertson V, Poli F, Saratzis A, Divall P, Naylor AR. A Systematic Review of Procedural Outcomes in Patients With Proximal Common Carotid or Innominate Artery Disease With or Without Tandem Ipsilateral Internal Carotid Artery Disease. *Eur J Vasc Endovasc Surg.* 2020;60(6):817-27.

Pandirajan K, Katsogridakis E, Sidloff D, Sayers RD, Bown MJ, Saratzis A. Effects of Left Renal Vein Ligation During Open Abdominal Aortic Aneurysm Repair on Renal Function. *Eur J Vasc Endovasc Surg.* 2020;60(6):829-35.

Dattani N, Shalhoub J, Nandhra S, Lane T, Abu-Own A, Elbasty A, et al. Reducing the risk of venous thromboembolism following superficial endovenous treatment: A UK and Republic of Ireland consensus study. *Phlebology.* 2020;35(9):706-14.

Batchelder AJ, Saratzis A, Naylor AR. Corrigendum to 'Overview of Primary and Secondary Analyses From 20 Randomised Controlled Trials Comparing Carotid Artery Stenting With Carotid Endarterectomy' [*European Journal of Vascular & Endovascular Surgery* 58/4 (2019) 479-493]. *Eur J Vasc Endovasc Surg.* 2020;59(3):496.

Saratzis A, Rudarakanchana N, Patel S, Diamantopoulos A, Lea T, Corbo B, et al. Interwoven Nitinol Stents versus Drug Eluting Stents in the Femoro-Popliteal Segment: A Propensity Matched Analysis. *Eur J Vasc Endovasc Surg.* 2019;58(5):719-27.

Saratzis A, Paraskevopoulos I, Patel S, Donati T, Biasi L, Diamantopoulos A, et al. Supervised Exercise Therapy and Revascularization for Intermittent Claudication: Network Meta-Analysis of Randomized Controlled Trials. *JACC Cardiovasc Interv.* 2019;12(12):1125-36.

Saratzis A, Modarai B. Commentary: Understanding the Role of EndoAnchors in Infrarenal Endovascular Aneurysm Repair. *J Endovasc Ther.* 2019;26(5):714-6.

Saratzis A, Mani K, Zayed H. Paclitaxel Eluting Endovascular Technology and Long-Term Mortality: Safety Concern or a Reminder of an Obvious Literature Gap? *Eur J Vasc Endovasc Surg.* 2019;57(3):327-8.

Saratzis A, Jaspers NEM, Gwilym B, Thomas O, Tsui A, Lefroy R, et al. Observational study of the medical management of patients with peripheral artery disease. *Br J Surg.* 2019;106(9):1168-77.

Saratzis A. A New Concept to Help Deal With Dissections in Peripheral Angioplasty. *JACC Cardiovasc Interv.* 2019;12(23):2385-7.

Robertson V, Poli F, Hobson B, Saratzis A, Ross Naylor A. A Systematic Review and Meta-Analysis of the Presentation and Surgical Management of Patients With Carotid Body Tumours. *Eur J Vasc Endovasc Surg.* 2019;57(4):477-86.

Mordi IR, Forsythe RO, Gellatly C, Iskandar Z, McBride OM, Saratzis A, et al. Plasma Desmosine and Abdominal Aortic Aneurysm Disease. *J Am Heart Assoc.* 2019;8(20):e013743.

Gwilym BL, Saratzis A, Benson R, Forsythe R, Dovell G, Dattani N, et al. Study protocol for the groin wound infection after vascular exposure (GIVE) audit and multicentre cohort study. *Int J Surg Protoc.* 2019;16:9-13.

Charles ER, Lui D, Delf J, Sayers RD, Bown MJ, Sidloff D, et al. Editor's Choice - The Impact of Endovascular Aneurysm Repair on Long Term Renal Function Based on Hard Renal Outcomes. *Eur J Vasc Endovasc Surg.* 2019;58(3):328-33.

Batchelder AJ, Saratzis A, Ross Naylor A. Editor's Choice - Overview of Primary and Secondary Analyses From 20 Randomised Controlled Trials Comparing Carotid Artery Stenting With Carotid Endarterectomy. *Eur J Vasc Endovasc Surg.* 2019;58(4):479-93.

Toghill BJ, Saratzis A, Freeman PJ, Sylvius N, collaborators U, Bown MJ. SMYD2 promoter DNA methylation is associated with abdominal aortic aneurysm (AAA) and SMYD2 expression in vascular smooth muscle cells. *Clin Epigenetics.* 2018;10:29.

Saratzis A, Chiocchia V, Jiffry A, Hassanali N, Singh S, Imray CH, et al. HYDratation and Bicarbonate to Prevent Acute Renal Injury After Endovascular Aneurysm Repair With Suprarenal Fixation: Pilot/Feasibility Randomised Controlled Study (HYDRA Pilot Trial). *Eur J Vasc Endovasc Surg.* 2018;55(5):648-56.

Saedon M, Saratzis A, Lee RWS, Hutchinson CE, Imray CHE, Singer DRJ. Registry report on prediction by Pocock cardiovascular score of cerebral microemboli acutely following carotid endarterectomy. *Stroke Vasc Neurol.* 2018;3(3):147-52.

Paraskevas KI, Robertson V, Saratzis AN, Naylor AR. Editor's Choice - An Updated Systematic Review and Meta-analysis of Outcomes Following Eversion vs. Conventional Carotid Endarterectomy in Randomised Controlled Trials and Observational Studies. *Eur J Vasc Endovasc Surg.* 2018;55(4):465-73.

Naylor AR, Saratzis A. The fate of severe restenosis after carotid interventions. *Lancet Neurol.* 2018;17(10):842-3.

Harrison SC, Holmes MV, Burgess S, Asselbergs FW, Jones GT, Baas AF, et al. Genetic Association of Lipids and Lipid Drug Targets With Abdominal Aortic Aneurysm: A Meta-analysis. *JAMA Cardiol.* 2018;3(1):26-33.

Calderbank T, Karim A, Wall M, Syed A, Davies RSM, Saratzis A. The Effect of Malignancy on Outcomes Following Revascularization for Critical Limb Ischemia: A Case-Control Study. *Vasc Endovascular Surg.* 2018;52(5):325-9.

Calderbank T, Bown M, Saratzis A. The Impact of Suprarenal Fixation on Renal Function Following Endovascular Abdominal Aortic Aneurysm Repair: Meta-analysis Based on Estimated Glomerular Filtration Rate. *Eur J Vasc Endovasc Surg.* 2018;56(4):497-506.

Bath MF, Sidloff D, Saratzis A, Bown MJ, investigators UKAGS. Impact of abdominal aortic aneurysm screening on quality of life. *Br J Surg.* 2018;105(3):203-8.

Avgerinos KI, Melas N, Saratzis A, Tympanidou MV, Saratzis N, Lazaridis I. Endovascular Repair for a Ruptured AAA due to a Combined Type IIIb and Ia Endoleak. *Case Rep Vasc Med.* 2018;2018:1502328.

Toghill BJ, Saratzis A, Bown MJ. Abdominal aortic aneurysm-an independent disease to atherosclerosis? *Cardiovasc Pathol.* 2017;27:71-5.

Sidloff DA, Saratzis A, Sweeting MJ, Michaels J, Powell JT, Thompson SG, et al. Sex differences in mortality after abdominal aortic aneurysm repair in the UK. *Br J Surg.* 2017;104(12):1656-64.

Saratzis A, Thatcher A, Bath MF, Sidloff DA, Bown MJ, Shakespeare J, et al. Reporting individual surgeon outcomes does not lead to risk aversion in abdominal aortic aneurysm surgery. *Ann R Coll Surg Engl.* 2017;99(2):161-5.

Saratzis A, Shakespeare J, Jones O, Bown MJ, Mahmood A, Imray CHE. Pre-operative Functional Cardiovascular Reserve Is Associated with Acute Kidney Injury after Intervention. *Eur J Vasc Endovasc Surg.* 2017;53(5):717-24.

Saratzis A, Dattani N, Brown A, Shalhoub J, Bosanquet D, Sidloff D, et al. Multi-Centre Study on Cardiovascular Risk Management on Patients Undergoing AAA Surveillance. *Eur J Vasc Endovasc Surg.* 2017;54(1):116-22.

31/08/2022

Saratzis A, Calderbank T, Sidloff D, Bown MJ, Davies RS. Role of Simulation in Endovascular Aneurysm Repair (EVAR) Training: A Preliminary Study. *Eur J Vasc Endovasc Surg.* 2017;53(2):193-8.

Sarafidis PA, Kamperidis V, Loutradis C, Tsilonis K, Mpoutsiouki F, Saratzis A, et al. Haemodialysis acutely deteriorates left and right diastolic function and myocardial performance: an effect related to high ultrafiltration volumes? *Nephrol Dial Transplant.* 2017;32(8):1402-9.

Paraskevas KI, Nduwayo S, Saratzis AN, Naylor AR. Carotid Stenting Prior to Coronary Bypass Surgery: An Updated Systematic Review and Meta-Analysis. *Eur J Vasc Endovasc Surg.* 2017;53(3):309-19.

Pande R, Saratzis A, Winter Beatty J, Doran C, Kirby R, Harmston C. Contemporary characteristics of blunt abdominal trauma in a regional series from the UK. *Ann R Coll Surg Engl.* 2017;99(1):82-7.

Kumar R, Batchelder A, Saratzis A, AbuRahma AF, Ringleb P, Lal BK, et al. Restenosis after Carotid Interventions and Its Relationship with Recurrent Ipsilateral Stroke: A Systematic Review and Meta-analysis. *Eur J Vasc Endovasc Surg.* 2017;53(6):766-75.

Jones GT, Tromp G, Kuivaniemi H, Gretarsdottir S, Baas AF, Giusti B, et al. Meta-Analysis of Genome-Wide Association Studies for Abdominal Aortic Aneurysm Identifies Four New Disease-Specific Risk Loci. *Circ Res.* 2017;120(2):341-53.

Jhaveri KD, Saratzis AN, Wanchoo R, Sarafidis PA. Endovascular aneurysm repair (EVAR)- and transcatheter aortic valve replacement (TAVR)-associated acute kidney injury. *Kidney Int.* 2017;91(6):1312-23.

Bottle A, Mariscalco G, Shaw MA, Benedetto U, Saratzis A, Mariani S, et al. Unwarranted Variation in the Quality of Care for Patients With Diseases of the Thoracic Aorta. *J Am Heart Assoc.* 2017;6(3).

Bath MF, Saratzis A, Saedon M, Sidloff D, Sayers R, Bown MJ, et al. Patients with Small Abdominal Aortic Aneurysm are at Significant Risk of Cardiovascular Events and this Risk is not Addressed Sufficiently. *Eur J Vasc Endovasc Surg.* 2017;53(2):255-60.

Wolff J, Saratzis A. Seeing Shouldn't Always be Believing: Cutaneous Anaplastic Large Cell Lymphoma Masquerading as an Arterial Ulcer. *Eur J Vasc Endovasc Surg.* 2016;51(2):267.

van 't Hof FN, Ruigrok YM, Lee CH, Ripke S, Anderson G, de Andrade M, et al. Shared Genetic Risk Factors of Intracranial, Abdominal, and Thoracic Aneurysms. *J Am Heart Assoc.* 2016;5(7).

Saratzis A, Nduwayo S, Sarafidis P, Sayers RD, Bown MJ. Renal Function is the Main Predictor of Acute Kidney Injury after Endovascular Abdominal Aortic Aneurysm Repair. *Ann Vasc Surg.* 2016;31:52-9.

Saratzis A, Nduwayo S, Bath MF, Sidloff D, Sayers RD, Bown MJ. Impact of hospital volume on outcomes following treatment of thoracic aortic aneurysms and type-B dissections. *Interact Cardiovasc Thorac Surg.* 2016;23(3):477-85.

Saratzis A, Bown MJ. Renal Injury After Endovascular Aneurysm Repair: An Overlooked Entity. *Eur J Vasc Endovasc Surg.* 2016;51(3):325-6.

Sarafidis PA, Stavridis KC, Loutradis CN, Saratzis AN, Pateinakis P, Papagianni A, et al. To intervene or not? A man with multidrug-resistant hypertension, endovascular abdominal aneurysm repair, bilateral renal artery stenosis and end-stage renal disease salvaged with renal artery stenting. *Blood Press.* 2016;25(2):123-8.

Nduwayo S, Saratzis A. Ilio-ureteric Fistula: A Rare Cause of Haematuria. *Eur J Vasc Endovasc Surg.* 2016;52(2):232.

Kumar R, Dattani N, Asaad O, Bown MJ, Sayers RD, Saratzis A. Meta-analysis of Outcomes Following Aneurysm Repair in Patients with Synchronous Intra-abdominal Malignancy. *Eur J Vasc Endovasc Surg.* 2016;52(6):747-56.

Toghill BJ, Saratzis A, Harrison SC, Verissimo AR, Mallon EB, Bown MJ. The potential role of DNA methylation in the pathogenesis of abdominal aortic aneurysm. *Atherosclerosis.* 2015;241(1):121-9.

Saratzis AN, Sarafidis PA. Renal dysfunction after endovascular abdominal aortic aneurysm repair: time to use the correct outcome measures. *Kidney Int.* 2015;88(5):1199.

Saratzis AN, Bath MF, Harrison SC, Sayers RD, Bown MJ. Impact of Fenestrated Endovascular Abdominal Aortic Aneurysm Repair on Renal Function. *J Endovasc Ther.* 2015;22(6):889-96.

Saratzis A, Winter-Beatty J, El-Sayed C, Pande R, Harmston C. Colorectal cancer screening characteristics of patients presenting with symptoms of colorectal cancer and effect on clinical outcomes. *Ann R Coll Surg Engl.* 2015;97(5):369-74.

Saratzis A, Melas N, Mahmood A, Sarafidis P. Incidence of Acute Kidney Injury (AKI) after Endovascular Abdominal Aortic Aneurysm Repair (EVAR) and Impact on Outcome. *Eur J Vasc Endovasc Surg.* 2015;49(5):534-40.

Saratzis A, Harrison S, Barratt J, Sayers RD, Sarafidis PA, Bown MJ. Intervention Associated Acute Kidney Injury and Long-Term Cardiovascular Outcomes. *Am J Nephrol.* 2015;42(4):285-94.

Saratzis A, Bown MJ, Wild B, Nightingale P, Smith J, Johnson C, et al. Association between seven single nucleotide polymorphisms involved in inflammation and proteolysis and abdominal aortic aneurysm. *J Vasc Surg.* 2015;61(5):1120-8 e1.

Saratzis A, Bown MJ, Sayers RD. Commentary: Late Rupture After Endovascular Aneurysm Repair: Addressing the "Achilles' Heel" of EVAR. *J Endovasc Ther.* 2015;22(5):745-7.

Saratzis A, Bath MF, Harrison S, Sayers RD, Mahmood A, Sarafidis P, et al. Long-Term Renal Function after Endovascular Aneurysm Repair. *Clin J Am Soc Nephrol.* 2015;10(11):1930-6.

Saedon M, Saratzis A, Karim A, Goodyear S. Endovascular Versus Surgical Revascularization for the Management of Chronic Mesenteric Ischemia. *Vasc Endovascular Surg.* 2015;49(1-2):37-44.

Saedon M, Mt-Isa S, Saratzis A, Leung E, Mahmood A. Outcome of open versus endovascular abdominal aortic aneurysm repair in obese patients: a systemic review and meta-analysis. *Int Angiol.* 2015;34(1):9-15.

Patel AS, Saratzis A, Arasaradnam R, Harmston C. Use of Antegrade Continence Enema for the Treatment of Fecal Incontinence and Functional Constipation in Adults: A Systematic Review. *Dis Colon Rectum.* 2015;58(10):999-1013.

Melas N, Stavridis K, Saratzis A, Lazarides J, Gitas C, Saratzis N. Active proximal sealing in the endovascular repair of abdominal aortic aneurysms: early results with a new stent-graft. *J Endovasc Ther.* 2015;22(2):174-8.

Saratzis A, Sarafidis P, Melas N, Khaira H. Comparison of the impact of open and endovascular abdominal aortic aneurysm repair on renal function. *J Vasc Surg.* 2014;60(3):597-603.

Saratzis A, Saedon M, Melas N, Kitas GD, Mahmood A. Obesity as an independent predictor of outcome after endovascular abdominal aortic aneurysm repair. *Ann Vasc Surg.* 2014;28(4):816-22.

Saratzis A, Bown MJ. The genetic basis for aortic aneurysmal disease. *Heart.* 2014;100(12):916-22.

Saratzis A, Bown M, Wild B, Sayers RD, Nightingale P, Smith J, et al. C-reactive protein polymorphism rs3091244 is associated with abdominal aortic aneurysm. *J Vasc Surg.* 2014;60(5):1332-9.

Hunter JP, Saratzis A, Sutton AJ, Boucher RH, Sayers RD, Bown MJ. In meta-analyses of proportion studies, funnel plots were found to be an inaccurate method of assessing publication bias. *J Clin Epidemiol.* 2014;67(8):897-903.

Saratzis AN, Goodyear S, Sur H, Saedon M, Imray C, Mahmood A. Acute kidney injury after endovascular repair of abdominal aortic aneurysm. *J Endovasc Ther.* 2013;20(3):315-30.

Saratzis A, Sarafidis P, Melas N, Saratzis N, Kitas G. Impaired renal function is associated with mortality and morbidity after endovascular abdominal aortic aneurysm repair. *J Vasc Surg.* 2013;58(4):879-85.

Melas N, Perdikides T, Saratzis A, Lazaridis J, Saratzis N. A novel approach to minimize sealing defects: EndoAnchors reduce gutter size in an in vitro chimney graft model. *J Endovasc Ther.* 2013;20(4):506-13.

Hunter JP, Saratzis A, Zayyan K. Spontaneous, isolated caecal necrosis: report of a case, review of the literature, and updated classification. *Acta Chir Belg.* 2013;113(1):60-3.

Saratzis A, Sarafidis P, Melas N, Hunter JP, Saratzis N, Kiskinis D, et al. Suprarenal graft fixation in endovascular abdominal aortic aneurysm repair is associated with a decrease in renal function. *J Vasc Surg.* 2012;56(3):594-600.

Saratzis A, Mohamed S. Endovascular abdominal aortic aneurysm repair in the geriatric population. *J Geriatr Cardiol.* 2012;9(3):285-91.

Saratzis A, Melas N, Hunter JP, Dixon H, Nightingale P, Kiskinis D, et al. Anemia is associated with mortality following endovascular repair of abdominal aortic aneurysm. *Vasc Endovascular Surg.* 2012;46(3):223-8.

Perdikides T, Melas N, Lagios K, Saratzis A, Siafakas A, Bountouris I, et al. Primary endoanchoring in the endovascular repair of abdominal aortic aneurysms with an unfavorable neck. *J Endovasc Ther.* 2012;19(6):707-15.

Melas N, Perdikides T, Saratzis A, Saratzis N, Kiskinis D, Deaton DH. Helical EndoStaples enhance endograft fixation in an experimental model using human cadaveric aortas. *J Vasc Surg.* 2012;55(6):1726-33.

Hunter JP, Saratzis A, Froggatt P, Harmston C. Effect of season and ambient temperature on outcome of guaiac-based faecal occult blood tests performed for colorectal cancer screening. *Colorectal Dis.* 2012;14(9):1084-9.

Chytas I, Saratzis A, Sofos A, Pliakos C, Papaioannou M. Splenic emboli owing to left ventricle mural thrombus: an unusual cause of acute abdominal pain. *Hippokratia.* 2012;16(4):387.

Saratzis A, Abbas AA, Kiskinis D, Melas N, Saratzis N, Kitas GD. Abdominal aortic aneurysm: a review of the genetic basis. *Angiology.* 2011;62(1):18-32.

Melas N, Saratzis A, Saratzis N, Lazaridis I, Kiskinis D. Inferior vena cava stent-graft placement to treat endoleak associated with an aortocaval fistula. *J Endovasc Ther.* 2011;18(2):250-4.

Melas N, Saratzis A, Dixon H, Saratzis N, Lazaridis J, Perdikides T, et al. Isolated common iliac artery aneurysms: a revised classification to assist endovascular repair. *J Endovasc Ther.* 2011;18(5):697-715.

Melas N, Saratzis A, Abbas A, Sarris K, Saratzis N, Lazaridis I, et al. Endovascular repair of a spontaneous ilio-iliac fistula presenting as pulmonary embolism. *Vasa.* 2011;40(3):246-50.

Toms TE, Smith JP, Panoulas VF, Douglas KM, Saratzis AN, Kitas GD. Prevalence of risk factors for statin-induced myopathy in rheumatoid arthritis patients. *Musculoskeletal Care.* 2010;8(1):2-9.

- Saratzis A, Melas N, Saratzis N. Commentary: popliteal approach in the supine position after failed antegrade angioplasty for chronic superficial femoral artery occlusion. *J Endovasc Ther.* 2010;17(2):259-60.
- Saratzis A, Melas N, Dixon H, Saratzis N. Emergency endovascular treatment of popliteal aneurysms. *Perspect Vasc Surg Endovasc Ther.* 2010;22(4):245-9.
- Saratzis A, Kitas GD, Saratzis N, Melas N. Can statins suppress the development of abdominal aortic aneurysms? A review of the current evidence. *Angiology.* 2010;61(2):137-44.
- Sarafidis PA, Stafylas PC, Georgianos PI, Saratzis AN, Lazaridis AN. Effect of thiazolidinediones on albuminuria and proteinuria in diabetes: a meta-analysis. *Am J Kidney Dis.* 2010;55(5):835-47.
- Melas N, Saratzis A, Saratzis N, Lazaridis J, Psaroulis D, Trygonis K, et al. Aortic and iliac fixation of seven endografts for abdominal-aortic aneurysm repair in an experimental model using human cadaveric aortas. *Eur J Vasc Endovasc Surg.* 2010;40(4):429-35.
- Lafaras CT, Mandala EM, Platogiannis DN, Saratzis AN, Barbetakis NG, Paraskevopoulos PP, et al. Evaluation of treatment with bosentan in patients with carcinoid heart disease: single center study. *Onkologie.* 2010;33(6):300-4.
- Saratzis A, Soumian S, Willetts R, Rastall S, Stonelake PS. Use of multiple drains after mastectomy is associated with more patient discomfort and longer postoperative stay. *Clin Breast Cancer.* 2009;9(4):243-6.
- Melas N, Saratzis A, Saratzis N, Kiskinis D. Endovascular repair of inadvertent subclavian artery perforation during cannulation for dialysis access: case report and review of the literature. *Eur J Emerg Med.* 2009;16(6):323-6.
- Lazaridis J, Melas N, Saratzis A, Saratzis N, Sarris K, Fasoulas K, et al. Reporting mid- and long-term results of endovascular grafting for abdominal aortic aneurysms using the aortomonoiliac configuration. *J Vasc Surg.* 2009;50(1):8-14.
- Lafaras C, Mandala E, Saratzis A, Platogiannis D, Barbetakis N, Papoti S, et al. Pro-brain natriuretic peptide is a sensitive marker for detecting cardiac metastases in patients with non-small cell lung cancer. *Onkologie.* 2009;32(7):389-92.
- Saratzis N, Saratzis A, Sarafidis PA, Melas N, Ktenidis K, Kiskinis D. Quantitative evaluation of the systemic effects of transposed basilic vein to brachial artery arteriovenous fistula: a prospective study. *J Vasc Access.* 2008;9(4):285-90.
- Saratzis N, Saratzis A, Melas N, Ktenidis K, Kiskinis D. Aortoduodenal fistulas after endovascular stent-graft repair of abdominal aortic aneurysms: single-center experience and review of the literature. *J Endovasc Ther.* 2008;15(4):441-8.
- Saratzis N, Saratzis A, Melas N, Kiskinis D. Non-activated autologous platelet-rich plasma for the prevention of inguinal wound-related complications after endovascular repair of abdominal aortic aneurysms. *J Extra Corpor Technol.* 2008;40(1):52-6.
- Saratzis N, Melas N, Saratzis A, Tsakiliotis S, Lazarides J, Ktenidis K, et al. Midterm results of a modified technique for implanting tube grafts during endovascular abdominal aortic aneurysm repair. *J Endovasc Ther.* 2008;15(4):433-40.
- Saratzis N, Melas N, Saratzis A, Lazaridis J, Kiskinis D. Minimally invasive endovascular intervention in emergent and urgent thoracic aortic pathologies: single center experience. *Hellenic J Cardiol.* 2008;49(5):312-9.

Saratzis N, Melas N, Saratzis A, Lazarides J, Ktenidis K, Tsakiliotis S, et al. Anaconda aortic stent-graft: single-center experience of a new commercially available device for abdominal aortic aneurysms. *J Endovasc Ther.* 2008;15(1):33-41.

Saratzis A, Saratzis N, Melas N, Kiskinis D. Pharmacotherapy before and after endovascular repair of abdominal aortic aneurysms. *Curr Vasc Pharmacol.* 2008;6(4):240-9.

Kita M, Mandala E, Saratzis A, Ventzi L, Venizelos I, Keryttopoulos P, et al. Primary adrenal lymphoma presenting as Addison's disease. Case report and review of the literature. *Exp Clin Endocrinol Diabetes.* 2008;116(6):363-5.

Saratzis NA, Saratzis AN, Melas N, Ginis G, Lioupis A, Lykopoulos D, et al. Endovascular repair of traumatic rupture of the thoracic aorta: single-center experience. *Cardiovasc Intervent Radiol.* 2007;30(3):370-5.

Saratzis A, Melas N, Lioupis A, Lykopoulos D, Ginis G, et al. Carotid artery stent placement with embolic protection: single-center experience. *J Vasc Interv Radiol.* 2007;18(3):337-42.

Saratzis A, Melas N, Ginis G, Lioupis A, Lykopoulos D, et al. Endovascular treatment of descending thoracic aortic aneurysms with the EndoFit stent-graft. *Cardiovasc Intervent Radiol.* 2007;30(2):177-81.

Saratzis A, Ioannis S, Avramidis A. Cushing's syndrome in pregnancy: report of a case and review of the literature. *Hormones (Athens).* 2007;6(3):242-6.

Saratzis A, Lioupis A, Lazarides J, Ginis G, et al. EndoFit stent-graft repair of isolated common iliac artery aneurysms with short necks. *J Endovasc Ther.* 2006;13(5):667-71.

Cassim K, Saratzis A, Piper H, et al. The impact of anti-tumour necrosis factor therapy for rheumatoid arthritis on the use of other drugs and hospital resources in a pragmatic setting. *Musculoskeletal Care.* 2006;4(4):204-22.

Douglas KM, Pace AV, Treharne GJ, Saratzis A, Nightingale P, Erb N, et al. Excess recurrent cardiac events in rheumatoid arthritis patients with acute coronary syndrome. *Ann Rheum Dis.* 2006;65(3):348-53.

Stevens RJ, Douglas KM, Saratzis AN, Kitas GD. Inflammation and atherosclerosis in rheumatoid arthritis. *Expert Rev Mol Med.* 2005;7(7):1-24.

Invited book chapters:

- 1) Kita M, **Saratzis A.** *Bisphosphonates.* In: Panidis D, Papadimas G, eds. *Endocrinology of Reproduction*, 1st ed. Thessaloniki, Greece: University Studio Press 2004: 311-321. (Greek Text)
- 2) Agios A, editor. *Circulatory-System Anatomy*, 1st ed. Thessaloniki, Greece: University Studio Press 2004: *I designed the anatomical sketches of the specific edition.*
- 3) **Saratzis A,** Kiskinis D. *Aortouniiliac Endoprosthesis and Femoro-femoral Crossover for AAA repair (chapter 5.7).* In: Liapis CD, Balzer K, Benedetti-Valentini F, Fernandes e Fernandes J, eds. *European Manual of Medicine; Vascular Surgery*, 1st ed. Germany: Springer Verlag 2006: 387-397.
- 4) Kiskinis D, Saratzis N, **Saratzis A.** *Eversion Carotid Endarterectomy Technique (chapter 2.3).* In: Liapis CD, Balzer K, Benedetti-Valentini F, Fernandes e Fernandes J, eds. *European Manual of Medicine; Vascular Surgery*, 1st ed. Germany: Springer Verlag 2006: 155-160.
- 5) **Saratzis A,** Kiskinis D. Reporting outcomes in arterial disease. In: Davies AH, ed. *Vascular Surgery Highlights 2008: Fast Facts*, 1st ed. UK: Health Press 2009: 40 - 47.
- 6) **Saratzis A.** Vascular imaging. In: Tsoulfas G, ed. *The Role of Imaging Technology in Current Surgical Practice*, 1st ed. USA: Nova Publishers 2015.
- 7) **Saratzis A.** Endovascular Treatment of aorto-iliac disease. In: Giannoukas G, Ed. *Current endovascular practice*, 1st ed. USA: Elsevier 2022.

Reviewer for grant applications - major funders:

NIHR RfPB: 2015-present (6 applications reviewed)

NIHR Health Services & Delivery Research: 2015-present (2 applications reviewed)

NIHR HTA: 2016-present (HTA Clinical Evaluation and Trials panel member since July 2018)

BHF Fellowships scheme: 2018-present (2 applications reviewed)

MRC Doctoral Fellowships scheme: 2018-present (2 applications reviewed).

Editorial memberships for peer-reviewed Journals:

British Journal of Surgery, Assistant Editor, since 2020

BJS Open, Editor, since 2021

PLOSOne, Associate Editor, since 2020

Vascular and Endovascular Review, Editor, since 2020

Frontiers in Surgery Associate Editor for Vascular Surgery, since 2020

Selected national or international audits (as audit lead):

- 1) GIVE audit (national - UK): incidence of wound infections in vascular patients (2018-present).
- 2) Management of lipids in individuals with peripheral arterial disease (2018); UK audit by VERN and Amgen Inc.
- 3) Management of cardiovascular risk factors in men with small aneurysms (2015-2017); nationwide audit with the Vascular and Endovascular Research Network.
- 4) Cardiovascular risk protection among NAAASP screening units in the UK (2015-2016); nationwide audit with the Vascular and Endovascular Research Network.

Presentations: I regularly present (invited) for online vascular training platforms such as Vascupedia.

224 abstracts in a variety of surgical conferences & 71 invited talks or lectures. **Selected conference presentations:**

- 1) **VSGBI 2020:** Hunterian lecture - "Renal injury in vascular & endovascular surgery"
- 2) **VSGBI 2017:** "HYDRA-P trial" (**BJS Prize session**) (oral – presented)
- 3) **VSGBI 2016:** "The impact of EVAR on renal function" (**BJS Prize session**) (oral – presented)
- 4) **SARS 2016:** "Investigation of the effect of genetic polymorphisms on aortic growth in patients with abdominal aortic aneurysm (AAA)" (oral – presented) – shortlisted for **Patey prize**.
- 5) **SARS 2016:** "Reporting individual surgeon outcomes does not affect number and characteristics of abdominal aortic aneurysms offered treatment in the UK" (oral – presented) – shortlisted for **Patey prize**.
- 6) **SARS 2016:** "Cardiovascular risk profile and management of risk factors in patients with small abdominal aortic aneurysm" (oral – 2nd author).
- 7) **VSGBI 2015:** "Impact of AKI on long-term cardiovascular events after aneurysm repair" (**Sol Cohen prize session**) (oral – presented).
- 8) **Charing Cross 2015:** "Patterns of vascular trauma in a regional audit in the UK" – awarded **European Society of Vascular Surgery 1st prize**.
- 9) **VSGBI Meeting 2013** – (November 2013): "An inflammatory polymorphism is related with neck-growth post-EVAR" (**BJS Prize Session**) (oral – presented)

Teaching - I am a fellow of the Higher Education Academy (FHEA) (2016 onwards)

Selected teaching activities:

31/08/2022

- **Vascular limb salvage academy (VaLSA):** national complex peripheral revascularisation course (annual). The leading course for peripheral arterial disease in the UK and Europe. I am the lead of the endovascular modules and founding member of the VaLSA Society.
- **Masters (MSc) in Cardiovascular Sciences,** Department of Cardiovascular Sciences, Leicester University: convenor of the cardiovascular module.
- **Anatomy & clinical skills demonstration course** (2010-2021, University of Warwick): lead & organiser. Weekly anatomy course for medical students and junior doctors. Runs over a period of 4 months (triennially) based on state-of-the-art anatomy specimens, including interactive oral presentations and clinical demonstrations. I led the set-up of the course and have been demonstrating at multiple anatomy stations over a 4 year period (during core and SpR training).
- **Endovascular Simulation.** I have participated as faculty and organiser in several training days and endovascular courses between 2014 and present; I have also completed an international research project investigating the value of simulation in endovascular training.

IT skills:

Expert user of Microsoft Office suites/applications, including Access and advanced knowledge of database creation and management, including use of software such as OpenClinica and REDCap.

Expert website creation and HTML knowledge – I have created and ran websites for several studies and research projects/networks.

I use social media for research purposes and I have a very active Twitter research account (@a_saratzis).

I am an expert user of R, SPSS, Stata, and SAS platforms. I have advanced experience using “big data” resources, as evidenced by several relevant publications and a series of courses completed during my training.

Prizes, Grants, Academic Distinctions:

I am currently supported by an **NIHR Advanced Fellowship** (2019 until 2024).

I received an **RCSEng Hunterian Professorship** for 2020 (research relating to vascular renal injury).

Grants as chief investigator / lead are highlighted

2003

- International Federation of Medical Students' Association (IFMSA) Scholarship for Elective Placement (Heart & Transplant Surgery, LKH Hospital, Graz, Austria)

2004 & 2006 (awarded on 2 occasions)

- **Electromedical Research Fellowship Grant: R&D Directorate, Dudley Group of Hospitals NHS Trust, Dudley, UK – overall value £26,000 (PhD fellowship)**

2010

- Arthur Guest Prize (07/2010) Regional prize for best oral presentation (interesting case). Royal College of Physicians. (£300).
- Post Graduate Award (PGA) in Professional Skills (07/2009 – 07/2010) – Birmingham University

2012

- Rob Benny Prize (awarded to best Core Trainee at West Midlands Deanery, £300)
- Maquet Bursary Specialty Skills in Vascular Surgery (Royal College of Surgeons, £500)
- Wellcome Trust Bursary Advanced Genomic Analyses (Cambridge University, £700)

2013

31/08/2022

- Prize for oral presentation – West Midlands Surgical Society Meeting 2013
- BJS Prize VSGBI 2013

2014

- Health Education England (HEE) Innovation Grant - £50,000 (chief investigator)

2015

- Scholarship to attend UKCSRT Clinical Research Programme (£1,000)
- European Vascular Society Prize (EVST Prize) at Charing Cross Symposium
- Academy of Medical Sciences Lecturer Starter Grant - £26,774 (chief investigator)
- Finalist – Sol Cohen prize VSGBI 2015
- Starter grant – University of Leicester - £8,500 (chief investigator)
- NIHR RfPB PG-0215-36027; Female Aneurysm Screening Study - £324,440 (co-primary investigator)
- Leicester NIHR Cardiovascular Biomedical Research Unit Small Grant - £700

2016

- Finalist – BJS Prize VSGBI 2016

2017

- HEEM Education & Research Grant - £37,515 (chief investigator)
- East Midlands Academic School Clinical Lecturer Grant - £8,337 (chief investigator)
- NIHR CRN Research Award 2017 (East Midlands)
- British Society for Endovascular Therapy Fellowship - £3,237
- Finalist – BJS Prize VSGBI 2017
- HEEM Simulation Grant – £99,500 (chief investigator)

2018

- Amgen Research Grant - £6,000 (chief investigator)
- British Heart Foundation (BHF) Programme Grant RG/18/10/33842 - “Deep phenotypic characterisation of abdominal aortic aneurysm growth” - £587,498 (co-applicant 5%)

2019

- NIHR Advanced Fellowship – NIHR300059 – “Risk reduction In the NHS abdominal aortic aneurysm (AAA) Screening Programme: a co-developed cardiovascular prevention intervention (the CRISP study)” - £905,883 (personal award; chief investigator 100% i.e. 10 PAs for 54 months)
- NIHR Programme Grant - NIHR200601 - “Peripheral arterial disease, High blood pressure and Aneurysm Screening Trial (PHAST) – An evaluation of the acceptability, effectiveness and cost effectiveness of screening for peripheral arterial disease and high blood pressure at the same time as abdominal aortic aneurysm.” - £2,401,083 (co-Cl, 8.5%)
- Abbott Medical Study Grant – “Treatment of common femoral artery atherosclerotic disease using an interwoven nitinol stent (Supera) – the CONFESS study.” – £123,283 (chief investigator)
- Hunterian Professorship 2020 Royal College of Surgeons (England)

2020

- NIHR Health Services and Delivery Research Programme - NIHR130075 - "In-silico trials of targeted screening for abdominal aortic aneurysm using linked healthcare data: can the efficiency of the NHS Abdominal Aortic Aneurysm Screening Programme be improved whilst maintaining publicly acceptable levels of disease detection in an ethically acceptable manner." - £832,009 (co-applicant 5%)
- Vascular Society of Great Britain and Ireland & Circulation Foundation Research Grant - no reference - “The COVID-19 Vascular Service Study.” - £5,538 (chief investigator).
- NIHR Research for Patient Benefit (RfPB) – NIHR202008 – “An intervention to improve medical management of peripheral arterial disease - the CHABLIS Study.” - £238,419 (chief investigator 10%).

2021

- NIHR Health Technology Assessment (HTA) - Commissioned Call 20/23 - "Diagnostic tools to establish the presence and severity of peripheral arterial disease in people with diabetes." - £662,761.68 (co-applicant 5%).
- Shockwave Medical (industry grant) - "A national prospective cohort study assessing treatment of patients with peripheral artery disease using intravascular lithotripsy." - £86,437 (chief investigator).
- Abbott Medical (industry grant) - "Fate of patients with chronic limb threatening ischaemia presenting to secondary care in the NHS - a study using national routinely collected data." - £288,201 (chief investigator).

2022

- Boston scientific (industry grant) - "Health economic analysis of the impact of re-interventions in patients with peripheral arterial disease in Europe; COSTLY - TLR Study." - 423,000 euros (chief investigator).
- NIHR Health Technology Assessment (HTA) - "A randomised controlled trial assessing the clinical and cost-effectiveness of Endovascular vs. Open revascularisation in severe occlusive aorto-iliac disease. The EVOCC Trial." - £1,929,060 (chief investigator).