

Clinical Vascular Scientist

Job Description & Person Specification –

A summary of the role responsibilities and person specification



University Hospitals
Bristol and Weston
NHS Foundation Trust

Why Our Trust?

Terms and conditions

Post – Clinical Vascular Scientist

Division – Diagnostic & Therapies

Department – Vascular Science

Band – 7

Location – Bristol Royal Infirmary

Hours of work – 37.5

Contract length – Fixed term (12months) maternity cover

Annual leave – Up to 33 days dependant on NHS Service

Pension - The NHS Pension Scheme is a defined benefit scheme. Further details and outline of benefits can be found at: www.nhsbsa.nhs.uk/pensions

Job Purpose

The Vascular Science Unit (VSU) is committed to providing high quality vascular assessments for the population of central Bristol, south Bristol and North Somerset. Our Clinical Vascular Scientists independently triage, scan, interpret and report vascular assessments working across two locations: The Bristol Royal Infirmary and Weston General Hospital. As a Clinical Vascular Scientist with a passion for improving patient care, you will have protected non-scanning time to undertake research, audit and innovation projects to align with your professional interests. As an STP accredited training centre in a large teaching hospital, our Clinical Vascular Scientists provide clinical and theoretical vascular training for junior vascular scientists and other health professionals.

Applicants should have or be working towards Accredited Vascular Scientist (AVS) status with the Society of Vascular Technology, and should be registered as a Clinical Scientist with the HCPC, or be working towards equivalence. Those who are nearing completion of the STP in Vascular Science are encouraged to apply.

About us

Our mission is to improve the health of the people we serve by delivering exceptional care, teaching and research every day.

What you'll love about working here

UHBW has been rated by the CQC as 'Good' - our staff are proud to deliver excellent care. As a forward-thinking multi-award winning Trust, our world-leading research and innovations are having a positive local and global impact. Our hospitals are spread across Bristol and Weston-super-Mare, join us and you can enjoy the very best of both worlds; city living within a stone's throw of the countryside or beside the seaside, both with easy access to all that the South West has to offer.

A digital exemplar- Being appointed as a Global Digital Exemplar means we can realise this vision by implementing digital technologies that will help us to transform the way we work and how we relate to our colleagues, patients and partner organizations.

Sustainable healthcare - We have joined the international movement to declare a climate emergency, recognising the impact climate change is having on the world. Climate change is labelled as the greatest threat to health in the 21st century, with a range of conditions related to heat, cold, extreme weather and air pollution predicted to rise. To lead the way in healthcare the Trust has set ambitious goals to become carbon neutral by 2030.

Access to further opportunities with the Trust - Apprenticeships are a great way to learn and earn on the job. UH Bristol and Weston provides a range of apprenticeships to support a huge number of career opportunities in clinical and non-clinical support services with apprenticeships starting at level 2 through to level 7. As an organisation we encourage further development of all employees to progress upward within their chosen field.

Diversity & Inclusion

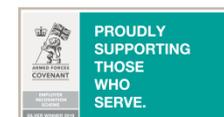
A core principle of the Trust is to ensure that patients and staff are treated with dignity and respect. Promoting equality, diversity and human rights and challenging any form of inequality, discrimination, harassment or abuse are central to the Trust's Values.

'Committed to inclusion in everything we do' is the ambition set out in the Trust's Workforce Diversity & Inclusion Strategy.

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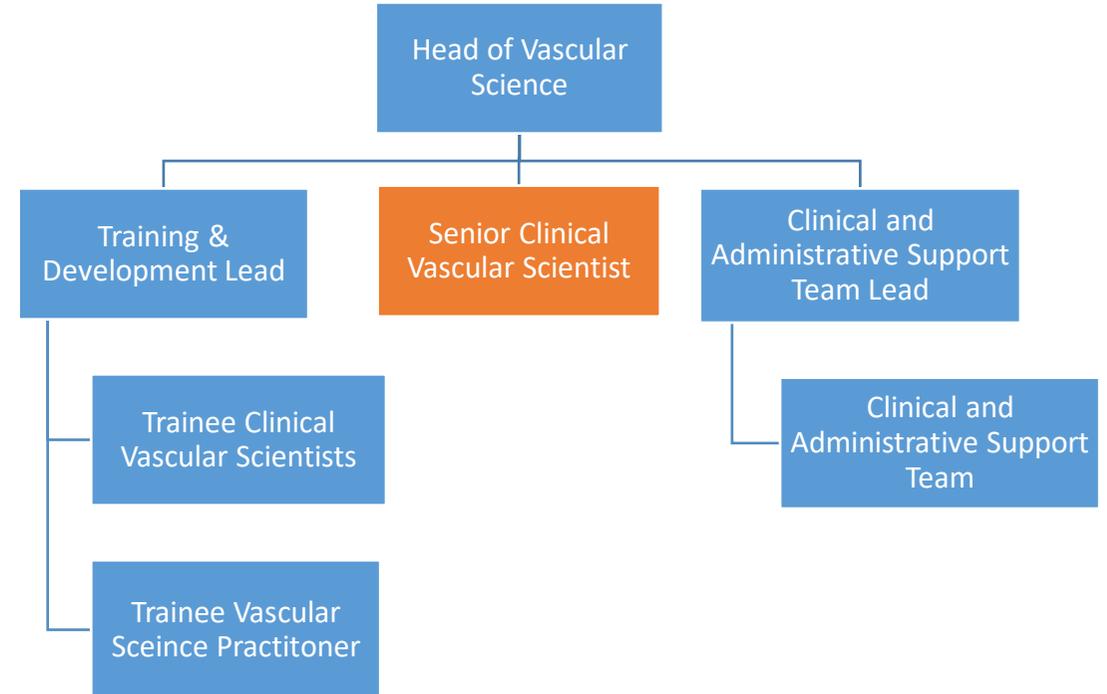
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Main Duties and Responsibilities

Clinical

- Perform a full range of vascular diagnostic and surveillance ultrasound duplex scans including carotid, upper and lower limb arterial and venous, true and false aneurysms, temporal artery, thoracic outlet, bypass graft and stent surveillance, endovascular aneurysm repair (EVAR), fistula scans
- Perform ankle-brachial pressure index (ABPI) and toe-brachial index (TBI) assessment
- Independently interpret and report results using specialized vascular knowledge, producing an overall diagnosis and identify and act on incidental and/or urgent findings appropriately
- Use clinical experience and judgement to help guide patient management and adjust scope of examinations during investigations based on patient symptoms and findings
- Ability to work autonomously and manage own work load such as working in one-stop vascular clinics alongside vascular consultants
- Safely and effectively triage referrals and liaise with referrers when necessary
- Work as a part of the Bristol, Bath and Weston vascular network including vascular surgeons/registrar, vascular nurse specialists and the Bristol, Bath and Weston Abdominal Aortic Aneurysm Screening Programme and vascular scientists
- Work as part of other multidisciplinary teams including TIA/stroke clinic, DVT clinic, cardiac, radiology, rheumatology, eye hospital and sickle cell clinic
- Communicate and advise on results of all scans to clinicians and offer a second opinion where required
- Use appropriate language to verbally communicate results to patients. Council and offer advice where appropriate and seek onward referrals
- Provide health education for patients and reinforce advice given by other healthcare professionals in relations to risk factor management, disease processes and onward

Organisational Structure



Key Relationships

- The stroke/TIA service
- The thrombosis clinic
- The Bristol Heart Institute
- The Bristol, Bath and Weston Vascular Network
- The Society of Vascular Technology

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pathways

- Perform weekly and monthly quality assurance measures on vascular ultrasound machines

Teaching and Training

- Be a positive and professional role model of Good Scientist Practice (GSP) for all colleagues
- Provide direct teaching, training and supervision to STP and vascular practitioner trainees
- Be responsible for the content and accuracy of reports written by junior scientists under your supervision
- Act as training supervisors for STP trainees, including one file, 1:1 mentoring, critical reflection skills
- Support trainees in clinical research, audit, innovation and service evaluation (RAISE) projects
- Deliver feedback to staff professionally and sensitively considering the impact feedback has on others
- Provide relevant vascular science teaching and demonstrations to other healthcare professionals eg. Medical students, radiologists
- Contribute to Healthcare Science (HCS) promotion and public engagement (STEM, HCS week, public events)

Research, Audit, Innovation and Service Evaluation (RAISE)

- Actively participate in and support colleagues in clinical research, audit, innovation and service evaluation projects
- Engage with the Trust's Quality Improvement (QI) hub, academy, forum and resources
- Disseminate findings of RAISE projects to target groups (e.g. science club meeting and network research meetings) to share knowledge and drive innovation which is evidence

based

- Where appropriate assist in the protocol development and funding applications for research projects

Leadership and Management Duties and Responsibilities

- Lead the day to day running of the department, prioritising workload, supervising junior staff, work allocation, overseeing the appointment diary, and liaising with colleagues from all disciplines
- Assist the Head of department and Training and development Lead in the management of the department and deputise in their absence
- Participate in working towards IQIPS accreditation including local protocol and policy development as well as audit and monitoring processes
- Contribute to recruitment activities, such as short-listing and interviewing, both within the Trust and the National School of Healthcare Science (NSHCS).
- Attend and represent the Vascular Science Unit at internal and external meetings as appropriate

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Personal Profile - (E) = Essential (D) = Desirable

Knowledge and Experience

- Ability to independently perform, interpret and report a full range of vascular ultrasound examinations (E)
- Theoretical knowledge of vascular diseases, haemodynamics and the physics of ultrasound (E)
- Ability to triage and prioritise vascular science workload (E)
- Understand the potential hazards and bio-effects of ultrasound and aware of the national and international ultrasound scan safety guidelines and able to operate safely (E)
- Experience in training and supporting others including STP trainees and other healthcare professionals (D)

Skills and Abilities

- Excellent interpersonal and communication skills, both written and verbal (E)
- Demonstrate skills in problem solving and dealing with complex clinical issues (E)
- Proficient in IT skills to be able to electronically report, record and analyse data (E)
- Knowledge of research, audit and service evaluation skills and techniques (E)
- Good presentation skills able to prepare and present at local and national meetings (D)

Aptitudes

- Show care, compassion and respect towards patients and colleagues (E)
- Be a team player – willing to help others, adaptable, good listening skills, respect the opinions of others, embrace change and support others (E)
- Have a proactive approach to work - identify areas of change and being adaptable, take an active role in daily running's and departmental decision making (E)

Qualifications and Training

- Science Degree (BSc level or higher) €
- Accredited Vascular Scientist (AVS) with the Society for Vascular Technology of Great Britain and Northern Ireland or NSHCS STP Certificate of Completion (or near completion for those in year 3 of STP) (E)
- HCPC registration or equivalence in progress (D)

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Transforming Care

Delivering sustainable healthcare services to our patients, which are effective, efficient and driven by excellence, is at the heart of our organisation. Transforming Care is the Trust's overarching programme of transformational change. It enables staff to use a structured approach to continuously improve and innovates their services, strengthen our capability, and deliver our Trust's mission to improve the health of the people we serve by delivering exceptional care, teaching and research, every day.

Our Quality Improvement Academy is open to all staff and leaders across the Trust, and provides training to lead or take part in improvement and transformation activities in their departments and across the Trust. We will support staff to develop the skills and tools to improve services to deliver the best care to our patients and public.

Information Governance

It is the responsibility of all staff to respect the confidentiality of patients and staff, as specified in the Caldicott Principles, Data Protection Act 2018 and the Human Rights Act. It is the duty of every employee to:

- Only access person identifiable information as required in the execution of their duties.
- Disclose information appropriately, in line with the Data Protection Act 2018.
- To ensure good quality data by recording, promptly and accurately, clinical and non-clinical information within agreed timescales to PAS, the health record or the appropriate clinical or non-clinical information system
- Always trace patient notes on the Patient Administration System

Maintain the confidentiality of their passwords / usernames and if in possession of a 'Smartcard' abiding by the terms and conditions of its use.

Workplace health and wellbeing

The Trust Workplace Health and Wellbeing Framework applies to all employees, students and volunteers who are encouraged to take responsibility for their individual health and wellbeing and to promote the wellbeing of colleagues. Line managers must recognise the importance of health and wellbeing and take it into account when planning tasks and designing jobs.

Safeguarding Children and Vulnerable Adults

The Trust is committed to safeguarding and promoting the welfare of all children, young people and vulnerable adults, and as such expects all staff and volunteers to share this commitment.

Quality and Clinical Governance

Quality in the NHS has three core dimensions: Patient Safety, Patient Experience and Clinical Effectiveness. Clinical Governance is about the systems, processes and behaviours to ensure that high quality services are provided to patients. Every member of staff has a role to play in striving for excellence: it is important that everyone is aware of and follows policies and procedures that govern their work; and if something goes wrong, everyone has an obligation to report it so lessons can be learned from mistakes, incidents and complaints. If any member of staff has concerns on any clinical governance matters, they should raise them with their line manager, professional adviser, or a more senior member of management. Reference should be made to the Trust's guidance on Raising Concerns about provision of patient care.

Health and Safety

Under the provisions contained in the Health and Safety at Work Act 1974, it is the duty of every employee to:

- Take reasonable care of themselves and for others at work
- To co-operate with the Trust as far as is necessary to enable them to carry out their legal duty
- Not to intentionally or recklessly interfere with anything provided including personal protective equipment for Health and Safety or welfare at work.

Everyone has a responsibility for contributing to the reduction of infections.

Senior Management is responsible for the implementation throughout the Trust of suitable arrangements to ensure the health, safety and welfare of all employees at work and the health and safety of other persons who may be affected by their activities. Where health and safety matters cannot be resolved at Senior Management level the appropriate Executive Director must be notified.

Line Managers are responsible for the health and safety management of all activities, areas and staff under their control. This includes responsibility for ensuring risk assessments are completed and implementation of suitable and sufficient control measures put in place. Health and safety issues are dealt with at the lowest level of management practicable. Where health and safety matters cannot be resolved at a particular management level the appropriate Senior Manager must be notified.

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