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| **Job Specification; Sample Content****Vascular Physiologist, Senior (322Y)** |
| **The following template provides sample content for the above role.** **Please refer to the latest National Job Specification Template on the HSE Job Specification Repository to create your full and final version.** |
| **Reporting Relationship** | ***For Example:*** The post holder will have a direct reporting relationship to the Lead Vascular Surgeon for the Vascular Laboratory for all clinical issues.  |
| **Purpose of the Post**  | ***For Example:*** To provide and be responsible for the provision of a comprehensive vascular technical service, carrying out a wide range of tests and procedures in the vascular medicine field under the direction of the Consultant in charge**.** |
| **Principal Duties and Responsibilities** | ***For Example:*** *The Vascular Physiologist, Senior will:***Clinical / Professional*** Carry out duties to the appropriate standard under the supervision of the Chief Vascular Physiologist and in cooperation with the Vascular Consultant or other persons as designated by the Health Service Executive.
* Operate within the scope of practice of the Irish Institute of Clinical Measurement Science (IICMS) and in accordance with legislation and local guidelines.
* Ensure that professional standards are maintained in relation to confidentiality and ethics.
* Facilitate the arrangement of vascular laboratory appointments for patients.
* Be responsible for liaising with the referring physicians.
* Be responsible for the day-to-day running of the vascular laboratory database.

**[Delete/Include the bullets below or insert other procedures, where relevant]*** Conduct a full range of non-invasive vascular tests including duplex imaging of carotid and vertebral arteries, peripheral arteries and veins, abdominal studies, and exercise testing.
* Record patient case histories and carry out relevant tests.
* Conduct non-invasive Doppler examination of the upper and lower extremities of the venous and arterial systems (may be portable).
* Conduct segmental pressure measurements and exercise testing.
* Conduct duplex arterial ultrasound scanning of:
* Abdominal aorta and branches
* Intra-cranial arteries
* Extra0cranial arteries
* Upper/Lower extremities
* Conduct non-invasive vascular investigations including:
* Peripheral flow studies and treadmill testing.
* Venous Doppler Assessment
* Plethysmography
* Duplex and Colour flow ultrasonic imaging
* Transcranial Doppler
* Carry out intra-operative monitoring and post-operative assessment on blood flow.
* Conduct invasive venous pressure measurements and analysis.
* Conduct ambulatory venous pressure monitoring and analysis.
* Carry out photoplethysmogrophy.
* Determine a result and write a report on all tests performed. Ensure the calculation and reporting on results.
* Assist physician(s) with the medical care of patients directly relating to the Vascular Unit,
* Be responsible for patient review clinics.
* Provide information and advice to nursing, medical and other staff.
* Conduct research under the direction of the Chief Vascular Physiologist and/or the Vascular Consultant.
* Promote and facilitate research. Be responsible for the supervision and monitoring of research projects under the direction of the Vascular Surgeon who has overall responsibility.
* Undertake office and laboratory management as required.
* Assist in the care and maintenance of all equipment in the Vascular Diagnostic Unit.
* Establish and maintain ethical working relationships and good rapport with all inter relating hospitals and hospital staff.
* Act for other staff in their absence as required.
* Maintain patient confidentiality and safety at all times.

**Education and Training*** Participate in mandatory training programmes.
* Participate in continuing professional development including in-service training, attending and presenting at conferences / courses relevant to practice, contributing to research etc.
* Keep abreast of up-to-date development in Vascular Technology and participate inappropriate courses, seminars as agreed from time to time, both inside and outside of the state.
* Contribute, as required, to the development of training programmes for established staff and external groups.
* Undertake teaching and research duties in area of speciality.
* Ensure newly qualified Physiologists have adequate induction and clinical supervision.
* To manage, participate and play a role in the practice education of students.
* Engage in the HSE performance achievement process in conjunction with your Line manager and staff as appropriate.

**Quality, Risk Management, Health & Safety*** Comply with the policies, procedures and safe professional practice of the Irish Healthcare System by adhering to relevant legislation, regulations and standards.
* Promote a safe working environment in accordance with Health and Safety legislation.
* Actively participate in risk management issues, adequately identifies, assesses, manages and monitors risk within their area of responsibility.
* Report any adverse incidents in accordance with organisational guidelines.
* Document appropriately and report any near misses, hazards and accidents and bring them to the attention of the relevant person(s).
* Assist in the development, implementation and review of Health and Safety statements as appropriate.
* Have a working knowledge of the Health Information and Quality Authority (HIQA) Standards as they apply to the role for example, Standards for Healthcare, National Standards for the Prevention and Control of Healthcare Associated Infections, Hygiene Standards etc. and comply with associated HSE protocols for implementing and maintaining these standards as appropriate to the role.
* Support, promote and actively participate in sustainable energy, water and waste initiatives to create a more sustainable, low carbon and efficient health service.

**Management*** Develop and implement service / business plans, quality initiatives, audit etc. and report on outcomes in collaboration with the Chief Vascular Physiologist.
* Promote quality by reviewing and evaluating the service regularly, identifying changing needs and opportunities to improve services, in collaboration with the Chief Vascular Physiologist and relevant others.
* Be responsible for the co-ordination and delivery of service.
* Review and allocate resource within the service, in collaboration with the Chief Vascular Physiologist.
* Promote good working practice and uniformity of standards of best practice.
* Promote good team working and a culture that values diversity.
* Represent the department at meetings and conferences as appropriate.
* Oversee the upkeep of accurate records in line with best clinical governance, organisational requirements, GDPR and the Freedom of Information Act, and render reports and other information/statistics as required.
* Engage in IT developments as they apply to service user and service administration.
* Keep up to date with developments within the organisation and the Irish Health Service.

**The above Job Specification is not intended to be a comprehensive list of all duties involved and consequently, the post holder may be required to perform other duties as appropriate to the post which may be assigned to them from time to time and to contribute to the development of the post while in office.**  |
| **Skills, competencies and/or knowledge** | ***For Example:*** *Candidates must demonstrate:***Professional Knowledge & Experience** *For example:** Sufficient theoretical, practical, and clinical knowledge relating to the provision of a vascular service to carry out the duties and responsibilities of the role and to develop, maintain, monitor and evaluate new and emerging trends e.g.:
* competence in non-invasive diagnostic testing including duplex scanning of the carotid and vertebral arteries, peripheral arteries and veins, abdominal scanning, transcranial Doppler and exercise testing.
* knowledge of the ethical principles, standards and protocols required in Vascular Diagnostics.
* The necessary experience and knowledge to carry out the post in a competent and safe manner e.g. sound knowledge of electrical safety requirements.
* Up-to-date knowledge of best practice in delivering a quality service in accordance with relevant legislation and standards.
* Evidence of computer skills and a willingness to develop IT skills relevant to the role.
* A commitment to continuous professional development.

**Planning and Managing Resources** *For example:** The ability to effectively plan and manage resources, ensuring value for money and maximum benefit for the organisation within a model of person-centred care.
* The ability to effectively manage large workloads, monitoring progress to ensure deadlines are met and reprioritising as required.
* Flexibility in responding to changing service demands, being adaptable & able to work well under pressure.

**Managing and Developing (Self and Others)***For example:** Ability to work independently as well as part of a multidisciplinary team.
* Leadership and management ability including the ability to manage a team and facilitate staff development by providing support such as supervising, mentoring, coaching and formal development planning.
* An ability to adapt their management style to suit the demands of the situation and the people involved.

**Commitment to providing a Quality Service***For example:** A commitment to the provision of a high-quality service.
* An awareness and appreciation of the service user and an ability to empathise with and treat others with dignity and respect.
* Innovation including the ability to effectively challenge existing practices and procedures in developing and improving services to patients.
* An openness to change and support others through the implementation of change.
* Motivation and initiative

**Evaluating Information and Judging Situations** *For example:** Sound clinical and professional judgement consistent with accepted models of practice.
* Experience of gathering, interpreting, analysing /evaluating information to make well informed decisions.
* A proven ability to solve problems / develop solutions to complex situations and make effective decisions especially regarding service user care.
* An ability to communicate decisions comprehensively and ensure that the relevant people understand how to implement them.

**Communications and Interpersonal Skills***For example:** Effective communication skills including the ability to present information in a clear and concise manner.
* Strong interpersonal skills; building and maintaining relationships and understanding and valuing individuals and their respective professional roles.
* Sensitivity, diplomacy and tact when dealing with others
* Strong negotiation skills, remains firm but flexible when putting forward a point of view.
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