

Job Description & Person Specification

Job Title	Clinical Engineering Technician
Department	Operations
Job Function	Operations
Reporting to	Head of Operations
Location	Blackrock Health Hermitage Clinic

About Blackrock Health Hermitage Clinic

Blackrock Health Hermitage Clinic is a state of the art 160 bed healthcare facility ideally located on at the junction of the N4 and M50 in Lucan, Co Dublin. The hospital provides a wide range of Emergency, Ambulatory, Interventional and Diagnostic care to for Adults and some services for Children. As a member of Ireland's newest private health care group, Blackrock Health we are dedicated in ensuring our mission, vision and values (<https://www.hermitageclinic.ie/>) are our guiding principles in ensuring our patients and staff have a world class experience.

A career in Hermitage Clinic will ensure you are joining a diverse, dynamic and enthusiastic team of professionals, passionate about developing services to ensure we provide the best care in the most modern of facilities.

Job Purpose

The Clinical Engineering Technician is responsible for the provision of a professional clinical engineering support service to the hospital. As a key member of the frontline team, the Clinical Engineering Technician will demonstrate strong technical and professional skills and facilitate effective and collaborative communication and engagement with colleagues in the hospital. The position requires a systematic approach to the development of services and structures, embracing continuous quality improvement and the delivery of changes necessary to achieve organisational objectives.

Key Responsibilities
Operations

- Establish and implement a medical equipment programme providing a quality service of clinical systems with regard to equipment performance and safety.
- Provide comprehensive maintenance on all clinical equipment ensuring that equipment is inspected and tested in line with manufacturer's recommendations.
- Contribute to clinical justification and system specification prior to purchase.
- Maintain close cooperation with internal stakeholders and staff of commercial companies.
- Maintain good communications throughout the hospital where equipment issues impact on the provision of a service.
- Provide the Department's administration with such records of his/her work as deemed to be necessary.
- Contribute as required to the development of Department/Hospital policies and services.
- Provide as required, Systems Administration of all clinical network systems.
- Provide the Hospital with a proactively managed program that lowers annual maintenance cost, increases equipment uptime and provides the highest level of customer service.
- Assists and oversees technology assessment, capital purchasing, capital replacement projections and medical equipment management that meets or exceeds Hospital needs.
- Provide maintenance services for all clinical equipment in respect of its functional, electronic, optical, electrical and mechanical aspects to a standard of safety, accuracy and reliability consistent with its function and with professional standards.
- Contribute to start-up and run-down of clinical equipment, at whatever times necessary to suit the clinical environment and as specified by the Head of Department.

- Perform routine QA checking and measurements on all clinical equipment.
- Contribute to the construction, testing, service and repair of auxiliary equipment.
- Assist with the coordination and implementation of preventative maintenance schedules and safety programmes.
- Perform quality assurance on the hospital's electronic infrastructure.
- Perform quality control of items manufactured within the hospital and used in support of services delivered.
- Contribute as required, to the processes for specification, purchase, installation, acceptance testing and commissioning of equipment and services by the hospital.
- Ensure the hospital has a system for monitoring and acting on clinical equipment and implantable device hazard notices, recalls, reportable incidents, problems and failures.
- Contribute to the development and use of the department's equipment management database.
- Support the nursing, medical and technical staff in the implementation of patient care involving technology.
- Participate in the maintenance and inventory of proper stock levels of spare parts and accessories as required to ensure minimum equipment downtime.
- Contribute to the support of research activities of the various departments.
- Responsible for reporting abnormal or unusual results or measurements lying outside the tolerance limits to the relevant stakeholders.

Learning and Education

- Take personal responsibility for own professional development and keep up to date with evidence based practice and research.
- Develop specialist fields of interest within the field of Clinical Engineering.
- Attend and participate in staff development programmes on an ongoing basis.
- Assist with the orientation and induction of new staff and be available to provide orientation as necessary, helping them to integrate as members of the team.
- Identify and inform the Learning and Education Team of any training and professional development requirements.
- Contribute and participate in education and training programmes relevant to the Department.
- Attend all mandatory training days and ensure that all mandatory training is in date.
- Comply with all HR system and policy requirements.

Quality Improvement and Risk Management

- Ensure compliance with all relevant Hermitage Clinic guidelines, policies, procedures and relevant legislation and regulatory requirements.
- Encourage continuous review and evaluation of policies, guidelines and existing practices through regular audit programmes and review engaging with the multi-disciplinary team where required.
- Promote a culture of continuous quality improvement across the department involving the team in continuous improvement initiatives and encouraging innovation.
- Set and monitor core objectives, standards and key performance indicators for the service and monitor performance against these standards through internal and external audits.
- Participate in the requirements of the clinic's accreditation process.
- Participate fully in the requirements of the clinic's risk management programme.
- Promote the delivery of a high standard of care to all patients.
- Work with members of the team in devising Standard Operating procedures for the development of the Department.
- Develop a culture of safety, promoting positive reporting of incidents and near misses according to hospital policies, protocols and guidelines.

Essential Criteria	
Knowledge / Experience	<ul style="list-style-type: none"> • A recognised Diploma in Electrical, electronic or Mechanical Engineering, or Physics or a recognised qualification to at least equivalent standard. • A minimum of three years relevant experience within a clinical (with a focus on medical equipment) / medical devices manufacturing environment • Experience operating in a complex, fast paced environment.
Skills / Competencies (as per HMC Competency Framework)	<ul style="list-style-type: none"> • Stakeholder Relationship management • Problem Solving • Team Work • Negotiation Skills • IT Skills • Communication and Interpersonal Skills • Results Orientated • Analytical Skills
Desirable Criteria	
Knowledge/Experience	<ul style="list-style-type: none"> • Experience in the operation and function of clinical equipment • Healthcare/Hospital Experience • Experience with Change Management and Project Management

The Job Description is intended to be a basic guide to the scope and responsibilities of the position and is subject to regular review and amendment. The role holder will be required to be flexible in this position and is expected to facilitate working additional hours on occasion, when requested.

Blackrock Health Hermitage Clinic is an Equal Opportunities Employer