

Job description

Role title	Radiotherapy Technical Services Manager
Grade	Technical/Management
Reporting to	Service Manager
Role duration	Full Time

Background

Asteral wish to create a first class in house Radiotherapy service to enhance our support delivered to one of our largest clients at Peterborough City Hospital. Asteral are responsible for the provision of Managed Equipment Services to Peterborough as part of a consortium PFI.

The Radiotherapy department is equipped with two Varian linear accelerators, both Rapid Arc and CBCT-enabled, one Toshiba Aquilion large-bore CT scanner, the Varian Eclipse treatment planning system and ARIA R&V system. The Varian RPM system is used on the CT scanner and both treatment machines. The department is currently undergoing expansion, which will provide two additional linac bunkers, one occupied by a state-of-the art linear accelerator due to enter service early in 2017.

Purpose of the role

Objectives

- To set up/lead and maintain a Professional Radiotherapy Engineering Support Service
- To provide prompt, high quality and professional engineering support
- Key skills required include repairing and maintaining medical equipment, an in depth understanding of patient safety and the ability to work accurately and safely under pressure
- Coach/mentor junior engineering staff as appropriate, develop processes and procedures and provide specialist engineering resource.

Key responsibilities

- To ensure all work complies with current UK legislation for work with ionising radiation (IRR 1999, IRMER 2000) and local Quality Management System
- To ensure equipment is maintained correctly, ensuring patient safety
- To ensure equipment is repaired correctly, on time, first time
- Carry out repairs and planned preventative maintenance on equipment as required, in accordance with local policies and OEM recommendations
- Provide technical supervision of other Asterol engineers work, ensuring quality and patient safety, monitoring and mentoring as required
- Responsible for the development and implementation of service checklists, procedures and policies
- Prioritise multiple demands, as required
- Ensure contractual Key Performance Indicators are met
- Liaise with and assist OEMs
- Keep full and accurate records of all work carried out, in accordance with Asterol procedures
- Responsible for informing of any health and safety concerns you identify and for completing an adverse event form for any accidents, incidents or near-misses that happen to you or that you are aware of to reduce injuries or loss
- Confidentiality of all matters that may be learnt in the course of employment, meeting the requirements under the Data Protection Act
- Maintain an up-to-date knowledge of developments in the field of radiotherapy technology
- Attend appropriate user, technical and other training courses, meetings and/or conferences
- Provide support to clinical/scientific users as required
- Participate in the operation of the computerised inventory and work recording system
- Monitoring the quality of the service provided
- Training and induction of new staff
- Any other relevant duty that assists in the smooth delivery and operation of our Radiotherapy Service

Performance indicators

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- Completion of all technical work to the highest standards of workmanship, quality and safety
 - Reliability and leadership skills
 - Repair of faults and resolution of technical problems within timescales required
 - All work will be routinely audited, including technical work, as part of a Quality System
 - Ability to work with NHS, OEM and Asterol staff
 - Completion of maintenance to plan
 - Timeliness and accuracy of reporting data into Asterol Service Centre and database
 - Achievement of agreed personal and team objectives
 - External & Internal feedback
 - Accurate and timely communication with the Service Manager
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Capability profile

Required capabilities

- Extensive management experience
 - Excellent technical skills
 - Excellent communication skills
 - A reasonable level of fitness and mobility
 - Record details accurately
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Qualifications	Essential	Desirable
HNC/D Electronics or equivalent	✓	
Degree (Hons) in Electronics or equivalent		✓
Membership of VRCT	✓	
Incorporated Engineer		✓
Recognised Manufacturer Training T1	✓	
Recognised Manufacturer Training T2		✓
Skills	Essential	Desirable
Customer, Safety and quality focus	✓	
Interpersonal and presentable	✓	
Good oral and written communication	✓	
Attention to detail and ability to drill down to important issues	✓	
In-depth knowledge of MHRA advice and Guidance such as “Managing Medical Devices”	✓	
Advanced electronic skills including test & measurement	✓	
Broad range of basic engineering skills	✓	
Mechanical workshop skills		✓
Able to fault find under pressure, with minimal supervision, whilst minimising risk to patients, the Trust or company	✓	
Computer skills, Microsoft Office and Equipment Database	✓	
An understanding of Risk Management generally, and the impact on Radiotherapy delivery	✓	
Helpful, positive attitude to clinical users and ability to understand their concerns	✓	
Fundamental management skills, concise communication, and the ability to liaise effectively with scientific and medical colleagues	✓	
A keen interest in efficiency and innovative techniques to develop more effective working practices		✓
Experience		
Experienced in the repair, calibration and use of general medical equipment (minimum 10 years)	✓	
Specialised Medical Engineering experience in Radiotherapy and equipment commonly associated with this area (minimum 5 years)	✓	
Good working knowledge of appropriate national regulatory standards	✓	
Has attended a range of OEM or other appropriate device specific training and is in possession of relevant certificates	✓	
Languages		
English	✓	

Mobility requirements

Hours of Work	The post is full time. Hours are worked flexibly, in agreement with line manager, to provide services as required
Role location	Peterborough City Hospital Radiotherapy Department
UK travel	Occasional (may need to provide support at other Asterol sites, e.g. to cover sickness or annual leave)
International travel	Rarely (may need to travel to attend technical training courses)

Other

DBS - Disclosure & Barring Service disclosure (formally Criminal Records Bureau disclosure)

A DBS Enhanced Disclosure is required for all applicants.

The successful applicant must agree to an Enhanced Disclosure under the Disclosure Barring Service Records Bureau procedures. Employment will be offered to the successful applicant subject to a satisfactory Disclosure report.

ASTERAL IS AN EQUAL OPPORTUNITIES EMPLOYER AND POSITIVELY ENCOURAGES APPLICATIONS FROM SUITABLY QUALIFIED AND ELIGIBLE CANDIDATES REGARDLESS OF SEX, RACE, DISABILITY, AGE, SEXUAL ORIENTATION, GENDER REASSIGNMENT, RELIGION OR BELIEF, MARITAL STATUS, OR PREGNANCY AND MATERNITY.