

PERSON SPECIFICATION

Job Title:	Clinical Lead Technologist	AFC No.: PTB0416
Band:	7	
Department:	Nuclear Medicine	
Group:	Imaging	

ATTRIBUTE	ESSENTIAL	HOW IDENTIFIED	DESIRABLE	HOW IDENTIFIED
EXPERIENCE	<ul style="list-style-type: none"> Significant practical experience, familiarity and proven abilities across the full range of nuclear medicine procedures including dispensing and giving radioactive i.v injections, SPECT/CT and non-imaging studies. 	AF I	<ul style="list-style-type: none"> Cardiac stressing using adenosine and rapiscan. ECG Interpretation. Paediatric cannulation Good knowledge of radiation protection to the level consistent with radiation protection supervisor role within the clinical operational areas of the department. Delivery of molecular radiotherapy (I131) 12 lead ECG placement 	AF I
QUALIFICATIONS	<ul style="list-style-type: none"> BSc Hons Clinical Technology (Nuclear Medicine), BSc Diagnostic Radiography (with HCPC registration) or equivalent MSc/PgDip in Nuclear Medicine or equivalent level of knowledge gained through experience/short courses. Evidence of continuing CPD 	AF I	<ul style="list-style-type: none"> IPEM RCT voluntary registration Intermediate Life Support 	AF

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KNOWLEDGE	<ul style="list-style-type: none"> High-level understanding of both the theory and practice of nuclear medicine imaging. Broad knowledge of radiation protection and its legislation and practice i.e., IR(ME)R 2017, IRR17, ARSAC etc. Knowledge of a range of medical conditions/treatments etc. to enable prioritisation of patient referrals. Knowledge of health and safety. Willing to take part in research and development of new techniques, continually enhancing own knowledge. 	AF I	<ul style="list-style-type: none"> Specific knowledge of ECG interpretation, and the ability to act on any adverse changes. Understanding of all aspects of molecular radiotherapy procedures to include legislative compliance. 	AF I
PERSONAL QUALITIES	<ul style="list-style-type: none"> Able to work as part of a multidisciplinary team. Able to work alone, autonomously and coordinate, plan and prioritise work. Able to problem solve, enabling accommodation of any sudden changes to the workplan either through emergency scan demands or other e.g., camera breakdowns. Self-motivated and able to motivate and steer other technical staff. Leadership skills to allow direction and management of workload within the technologist team. Able to use judgement and make independent complex decisions e.g., relating to scan quality, or adapting routine protocols for patients with individual scanning needs. Able to use initiative and be proactive. Systematic, methodical approach to work with attention to detail. 	AF I		
MANAGEMENT / SUPERVISION / COORDINATION SKILLS	<ul style="list-style-type: none"> Able to manage own clinical workload. Able to deputise in the absence of both the Chief and Operational lead technologists for the day-to-day running of the section. Experience of supervising junior members of staff/trainees. 	AF I		

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WRITTEN SKILLS	<ul style="list-style-type: none"> • Able to comment on draft policies and procedures. • Able to consider the implications of scientific papers etc., reflect and interpret them in line with current practice. • Good standard of written English to ensure safe and effective communication amongst team members. • Able to produce technical/scientific reports, considering and assessing root causes and implications. 	AF	<ul style="list-style-type: none"> • Ability to produce papers/ posters related to the discipline for presentation at local, regional, national or international scientific meetings 	AF
COMMUNICATION / VERBAL SKILLS	<ul style="list-style-type: none"> • Excellent communication skills required which can be adapted to all situations (includes patients/relatives, carers, staff and other health professionals etc.) • Able to communicate with all age groups from the very young to the elderly. • Able to communicate clearly sensitive and complex information in a variety of forms to patients, carers, including patients with learning or physical disabilities e.g., consent. • Ability to emphasise and support patients through investigations, which may be long and painful. • Ability to communicate using a variety of mechanisms e.g., face to face, telephone, email, internal and external meetings (both virtual and in-person) • Able to communicate scientific and technical information. • Able to communicate clearly with cyclotron operators at University of Birmingham. • Able to communicate in a professional and courteous manner with customers. 	AF I	<ul style="list-style-type: none"> • Ability to perform presentations as appropriate. 	AF
RESPONSIBILITY FOR FINANCIAL AND PHYSICAL RESOURCES	<ul style="list-style-type: none"> • Able to monitor and ensure the maintenance of clinical provisions. • Able to ensure the safe clinical use of highly specialist, high value imaging equipment. • Involved in ensuring stock levels are sufficient and to place orders appropriately 	AF I		

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PHYSICAL SKILLS	<ul style="list-style-type: none"> • Able to undertake on a daily basis, Intravenous radioactive injections requiring excellent hand-eye coordination. • Able to dispense individual patient radioactive injections working within a restricted sterile environment following good radiation protection principles. • Able to safely carry out moving and handling of patients, on a daily basis e.g., from chair to imaging table, patients' bed to table, toilet etc. • Able to manually change lead collimators (17Kg) including pushing/ steering their wheeled loading trolley. • Able to manually transfer a number of krypton generators (each 10 kg) to a transport drum. • Able to manually transfer a number of transport drums (10 kg) between a car and the krypton laboratory / radiopharmacy. • Able to work with radioactive solution to prepare radioactive generators. 	AF I	<ul style="list-style-type: none"> • Paediatric cannulation 	AF
MENTAL EFFORT	<ul style="list-style-type: none"> • Ability to work a rota while maintaining a high degree of concentration i.e., late evening krypton shifts or nuclear medicine day shifts. • Able to prioritise and change working schedules to meet deadlines. • Able to accommodate regular interruptions. • Able to work under pressure and time constraints without impacting the standard or safety of the work carried out. • Be able to reflect on own practice to bring about personal improvement. 	I		

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WORKING CONDITIONS	<ul style="list-style-type: none"> • Able to work prolonged working days to meet service needs. • Be able to work with challenging patients across the whole age spectrum which can be distressing, verbal abuse etc. • Be able to work in unpleasant conditions i.e., body odours faecal/urinary incontinent patients' etc. dealing with Blood specimens. • Be able to work with VDU screens for data input and analysis. • Be willing to work alone with patients and carers. • Able to work late evening krypton shifts as a 'lone worker'. • Be able to work with challenging patients across the whole age spectrum which can be distressing, verbal abuse etc. • Able to wear suitable protective clothing in varying temperatures. 	I AF		
EMOTIONAL EFFORT	<ul style="list-style-type: none"> • Frequently work with challenging patients/distressed patients. • Infrequently, work with ITU patients sent down to our department. • Able to work under pressure. 	I		
OTHER				

Key: AF - Application Form, I – Interview, P - Presentation, T - Test