

**PERSON SPECIFICATION**

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

ATTRIBUTE	ESSENTIAL	HOW IDENTIFIED	DESIRABLE	HOW IDENTIFIED
<b>EXPERIENCE</b>	<ul style="list-style-type: none"> <li>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.</li> </ul>	AF I	<ul style="list-style-type: none"> <li>Cardiac stressing using adenosine and rapiscan.</li> <li>ECG Interpretation.</li> <li>Paediatric cannulation</li> <li>Good knowledge of radiation protection to the level consistent with radiation protection supervisor role within the clinical operational areas of the department.</li> <li>Delivery of molecular radiotherapy (I131)</li> <li>12 lead ECG placement</li> </ul>	AF I
<b>QUALIFICATIONS</b>	<ul style="list-style-type: none"> <li>BSc Hons Clinical Technology (Nuclear Medicine), BSc Diagnostic Radiography (with HCPC registration) or equivalent</li> <li>MSc/PgDip in Nuclear Medicine or equivalent level of knowledge gained through experience/short courses.</li> <li>Evidence of continuing CPD</li> </ul>	AF I	<ul style="list-style-type: none"> <li>IPEM RCT voluntary registration</li> <li>Intermediate Life Support</li> </ul>	AF

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

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

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

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

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