
JOB DESCRIPTION

Job Details

Job Title:	Healthcare Scientist/Science Practitioner- Respiratory
Division:	Respiratory
Base:	Across sites: Northwest Lung Centre Wythenshawe Hospital. Community Diagnostic Centre (Withington Community Hospital) and various Manchester Foundation Trust spoke sites
Full Time:	37.5 hrs per week
Band:	6

Organisational Arrangements

Reporting to:	Martina Lambert -Principal Physiologist
Other accountabilities:	Respiratory Directorate management and Clinical Leads

JOB PURPOSE

Responsible for providing a wide range of advanced / complex respiratory measurements and developing new and innovative tests.

To be responsible for, co-ordinate, and deliver an expert Respiratory diagnostic service at an advanced practitioner level.

Responsible for ensuring the technical accuracy and quality of the test procedures and producing accurate reports based on these procedures.

You will take an active role in training and mentoring junior members of staff. Supporting PTP and STP students, actively participating in the delivery of teaching for the university programmes.

Principal duties and responsibilities

- a). To support the senior members of staff in providing an efficient and cost-effective lung function service to Manchester Foundation trust.
- b) Participate in the education, development, and line management of junior staff.
- c) Participate in improvement of services and the quality-of-care provision.

Professional, Technical and Clinical

- a) Perform, all routine and complex techniques within the lung function laboratory and Community diagnostic centre. To include full lung function testing, challenge testing, capillary blood gases, cardiopulmonary exercise testing and field exercise testing.
- b) Perform unsupervised specialist techniques within the sleep laboratory whilst on rotation through the service.
- c) Motivate and teach patients the rationale and techniques for performing diagnostics.
- d) To maintain an up-to-date understanding of a range of healthcare science activities acquired through training to degree/ masters or equivalent level of knowledge.
- e) To make judgements within own area of competence, identifying the correct application of procedure and when to report a problem or contra indication.
- f) Obtain a brief medical history from patients to ensure all assessments undertaken are done so safely and appropriately.
- g) To ensure the technical quality of testing and lung function reporting complies with published national guidelines and departmental Standard operating procedures
- h) To ensure data quality by undertaking equipment calibration and quality control for all tests performed within the laboratory.
- i) To assess, plan and prioritise specialised clinical and technical interventions, which contribute to the care and treatment of all patients.
- j) To liaise with the wider MDT to organise and perform respiratory investigations
- k) To have a knowledge and understanding of a range of health and safety measures, infection prevention and control, their importance, and their application within your work area.
- l) To have effective communication skills, to meet individuals needs and preferences.
- m) To respond to emergency situations whilst maintaining professional standards and seeking assistance were required effectively, promptly, and professionally
- n) Responsible for the maintenance of equipment, calibration and verification of measurements and identification of faults. If unable to resolve faults escalation in a timely manner to a senior staff member is expected.
- o) To be responsible for the day-to-day operation of the area in which you are working; ensuring all equipment required is available and operational, stock levels are maintained, and non-disposable items are cleaned in accordance with departmental policy and procedures.
- p) To carry out general clerical and administrative duties, to be familiar with HIVE to track patient progression, case notes, demographics, and episode details.
- q) To assist the Clinic Co-ordinators in the appointing and booking of investigations, DNA management and rebooking to facilitate patient choice.
- r) To collate and disseminate results to requesting doctors, secretaries, clinics, wards, and other hospitals.
- s) To participate in training of other disciplines when rotating through the department on continued professional development training.
- t) To participate in in-house training and technical competency log within the department

- u) To participate in the training of student physiologists on placement within the department.
- v) To follow policies and procedures for own area, may be asked to comment on any proposed changes.

Managerial / Leadership

- a) To participate in the Trust Personal Development and Review System.
- b) To develop Leadership skills and promote leadership at all levels identifying opportunities for self and others
- c) Demonstrate competency and confidence in complying with change and encouraging other members of the team.
- d) To assist laboratory managers with staff cover, staff rotation and holiday / sickness relief according to workload.
- e) To supervise / mentor the work of trainees daily.
- f) To assist in the induction and orientation of new staff.
- g) To participate in the evaluation of new equipment and maintain performance and monitor technical problems of existing equipment.
- h) Support the laboratory managers to maximise best use of clinical resources, implementing best practice in patient flow, admission, and discharge arrangements.
- i) Contribute to effective multi-disciplinary teamwork within the Northwest Lung Centre.
- j) Monitoring of the quality of service provided and initiating follow-up/Quality improvement action where appropriate

Education and Development

- a) Take responsibility for own learning and development by recognising and taking advantage of all opportunities to learn, including full participation in appraisal, clinical supervision, action learning and by maintaining a professional portfolio.
- b) Plan, implement and evaluate on-the-job learning and development by demonstration, work-based coaching and assessment, action learning designed to promote the development of knowledge and clinical practice within the team.
- c) Assist with research and audit activity by continually monitoring standards of care, identifying risks, benchmarking, gathering and collating data and information using specified methods.
- d) To complete agreed local and Trust competency frameworks and take active responsibility.
- e) Gives support to less experienced colleagues
- f) To take responsibility for own personal and professional growth and for maintaining a record of professional development experiences.
- g) Deliver training to technical staff and other health professionals.

- h) Participate in the development of department protocols and standard operating procedures.
- i) To maintain awareness of current advances and changes in clinical practice.
- j) Maintain commitment to research-based practice and clinical excellence.
- k) To trial new diagnostic techniques and procedures introduced into the department and undertake relevant training, as appropriate
- l) To help in the development of innovative tests such that the laboratory can offer tests appropriate for a regional laboratory.
- m) Take a lead role in identifying and completing research projects and disseminating knowledge and research findings at national and international conferences
- n) To teach/train physiology staff, medical staff, and college/university students as required. This will include formal lectures using Power Point presentation material.

Supplementary information

To undertake any other duties which are deemed appropriate to the band when requested by Senior Staff

The above indicates the main duties of the post which may be reviewed in the light of experience and developments within the service. Any review will be undertaken in conjunction with the post-holder.

General & Corporate Duties

Risk Management

It is a standard element of the role, and responsibility of all staff of the Trust, that they fulfil a proactive role towards the management of risk in all their actions. This entails the risk assessment of all situations, the taking of appropriate actions and reporting of all incidents, near misses and hazards.

Records Management/ Data Protection

As an employee of the Trust, you have a legal responsibility for all records (including patient health, financial, personal, and administrative) that you gather or use as part of your work with the Trust. The records may be paper, electronic, microfiche, audio or videotapes, or x-ray images. You must consult your manager if you have any doubt as to the correct management of the records with which you work.

Confidentiality and Information Security

As a Trust employee you are required to uphold the confidentiality of all records held by the Trust, whether patient records or trust information. This duty lasts indefinitely and will continue after you leave the trust employment. All employees must maintain confidentiality and abide by the Data Protection Act.

Data Quality

All staff are personally responsible for the quality of data entered by themselves, or on their behalf, on the Trust's computerised systems or manual records (paper records) and must ensure that such data is entered accurately to NHS data standards, in a timely manner to ensure high standards of data quality in accordance with the Trust Data Quality and Clinical Record Keeping Policies.

To ensure data is handled in a secure manner protecting the confidentiality of any personal data held in meeting the requirements of the Data Protection Act 1998, Caldicott recommendations and other relevant legislation and guidance are applicable and should be adhered to.

Health and Safety

All employees of the Trust have a statutory duty of care for their own personal safety and that of others who may be affected by their acts or omissions. Employees are required to co-operate with management to enable the Trust to meet its own legal duties and to report any circumstances that may compromise the health, safety, and welfare of those affected by the Trust's undertakings.

Infection Prevention

As member of a clinical team your personal contribution to reducing healthcare associated infections (HCAIs) require you to be familiar with the Trust's Infection Control Manual including the Hand Decontamination Policy, Personal Protective Equipment Policy, safe procedures for using aseptic techniques and safe disposal of sharps. You must be aware of your role in the decontamination of patient shared equipment and are required to attend mandatory training in Infection Prevention & Control and support the Trust in achieving compliance with the Health Act 2006(all measures known to be effective in reducing Health Care Acquired Infections).

Trust Policies

The Trust operates a range of policies, e.g., Human Resources, Clinical Practice (available on the Trust's intranet). All Trust employees must observe and adhere to the provisions outlined in these policies.

Equal Opportunities

The Trust provides a range of services and employment opportunities for a diverse population. As a Trust employee you are expected to treat all patients/customers and work colleagues with dignity and respect irrespective of their background.

Safeguarding

All employees have a duty and responsibility to protect and safeguard children, young people, and vulnerable adults. They must therefore be aware of child and adult protection procedures to take appropriate and timely safeguarding action and reduce the risk of significant harm to adults and children from abuse or other types of exploitation.

Supplementary Information

Effort and environment factors

Physical Effort

There will be frequent times when it will be necessary to exert moderate physical effort for short periods during the working day. This involves moving heavy patients in wheelchairs and gas cylinders.

Mental Effort

There will be frequent times when attention to detail is required such as performing, assessing, and interpreting patient's lung function tests and analysing detailed lung function reports.

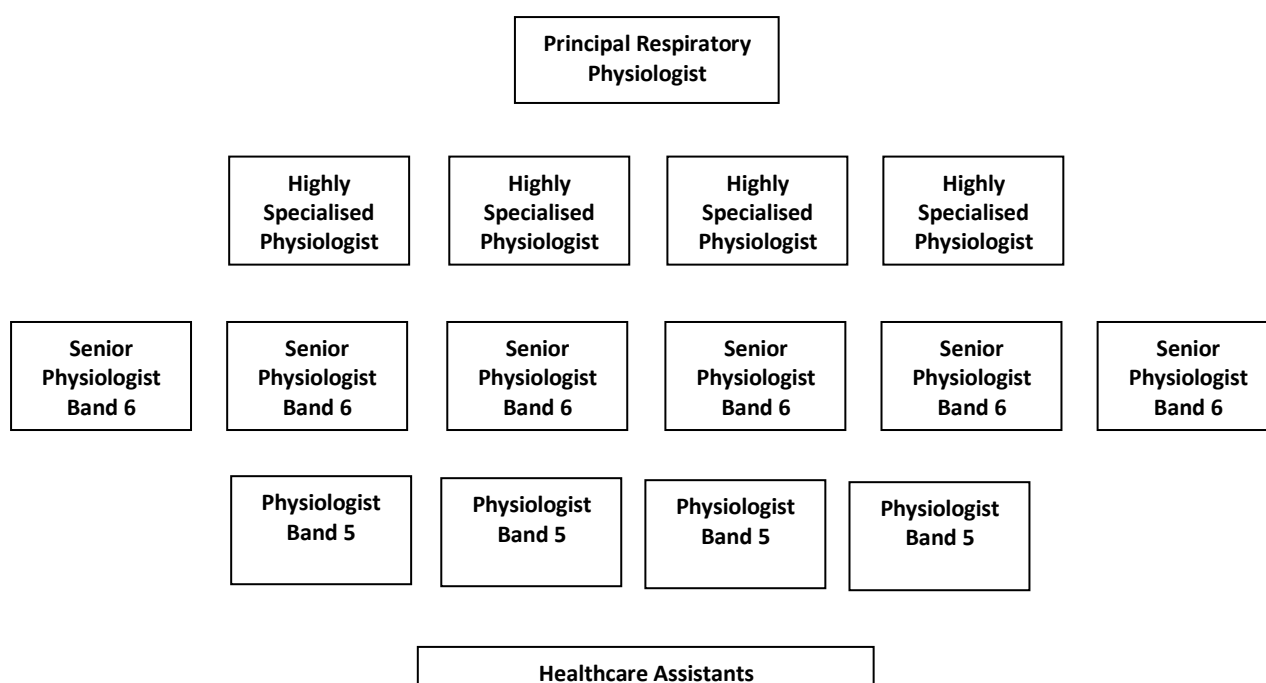
Emotional Effort

There will be frequent time when it will be necessary to deal with difficult patients or relatives and caring for terminally ill patients.

Working Conditions

There will be frequent times when it will be necessary to deal personally with body fluids including blood, urine, and sputum.

Organisational Chart



Person Specification: Healthcare science Practitioner -Band 6

Attributes	Essential	Desirable	Method of Assessment
Education/Qualifications	<p>BSc Physiological sciences, or Practitioner Training Programme, or Scientific Training Programme. RCCP/ AHCS registration</p> <p>Documented evidence of good clinical practice and continued professional development.</p>	<p>Post registration qualification in specialist areas</p>	<p>Certificates / document check</p> <p>CV / interview</p>
Experience	<p>Demonstrable experience as a Respiratory Healthcare scientist/ science practitioner.</p> <p>Presentation / teaching skills required to mentor new members of staff.</p>	<p>Experience in Sleep Physiology</p> <p>Experience in performing CPET</p> <p>Experience of working autonomously in the community setting</p>	<p>Application Form</p> <p>Interview</p> <p>Presentation</p> <p>References</p>
Skills	<p>Ability to analyse and interpret complex lung function data.</p> <p>Excellent communication skills.</p> <p>Good interpersonal skills.</p> <p>Ability to keep accurate Documentation.</p> <p>Competent in Microsoft Word and Power Point presentation software</p> <p>Ability to work under pressure and to meet deadlines. This includes planning a broad range of complex activities.</p> <p>Good organisational skills, methodical, reliable.</p> <p>Ability to motivate patients to perform tests to required standards.</p> <p>Ability to motivate staff.</p> <p>Ability to work autonomously.</p> <p>Good timekeeper.</p> <p>Enthusiastic personality.</p>	<p>Demonstrable leadership skills.</p>	<p>Application Form</p> <p>Interview</p> <p>References</p>
Knowledge	<p>Up-to-date specialist knowledge of respiratory physiology.</p> <p>Understands the role of respiratory physiology/Healthcare Science within the NHS.</p>	<p>Up- to date- knowledge of sleep physiology.</p>	<p>Application Form</p> <p>Interview</p> <p>References</p>

	Understands the general organisation of the NHS.		
Other	<p>Dynamic, enthusiastic & positive attitude.</p> <p>Team worker.</p> <p>Caring, compassionate & discrete.</p> <p>Reliable.</p> <p>High level stamina, energetic.</p> <p>Articulate.</p> <p>Excellent attendance record.</p> <p>Ability to travel between clinical sites in the Manchester and Trafford area.</p>	UK Driving License holder.	<p>Application Form</p> <p>Interview</p> <p>Document Check</p>