
JOB DESCRIPTION

JOB DETAILS

Job Title:	Specialist Clinical Physiologist Band 6
Department / Ward:	North West Ventilation Service
Division / Service Area:	North West Ventilation Unit
Base:	Wythenshawe Hospital, Southmoor Rd Manchester M23 9LT
Full Time	37.5 hrs per week (to include weekend and night time work)

ORGANISATIONAL ARRANGEMENTS

Accountable to:	David Derry North West Ventilation Service Lead Physiotherapist (Inpatients)
Other Accountabilities:	Dr Maria Mascareno Consultant Physician Katy Wilman North West Ventilation Service Lead Physiotherapist (Outpatients)

JOB PURPOSE

The regional North West Ventilation Service (NWVS) cares for patients with a wide variety of conditions all resulting in chronic respiratory failure, many have extremely complex needs and require highly specialist care. The job holder will be responsible for the following

- Independently providing a wide range of advanced / complex respiratory measurements and developing new and innovative tests.
- Providing a wide range of ventilation therapies to patients with complex respiratory diseases.
- Training, mentoring and assessing multidisciplinary healthcare staff from inside and outside of the organisation
- Responsible for ensuring the technical accuracy and quality of the test procedures and producing accurate reports based on these procedures.
- To communicate effectively with staff and patients.

The post holder will work as part of the Multi Disciplinary Team (MDT) which includes consultants, specialist registrars, junior medical staff, nursing staff and physiotherapists and will be expected to take part in a day, night, weekend and bank holiday duty roster as required.

Principal duties and responsibilities

- To assess all in patients and ensure that they have appropriate respiratory measurements completed during their admission by both referral to and by liaison with the respiratory physiologists or by performing the tests independently.
- Provide a wide range of advanced / complex respiratory measurements and ensuring the technical accuracy and quality of the test procedures (including producing accurate reports based on these procedures) as required to support the North West Ventilation service patients.
- Responsible for establishing patients on long term non-invasive ventilation
- Ensuring optimum ventilator settings are determined and trouble shooting ventilator related problems on the ward for patients who are ventilated both invasively and non-invasively and for those weaning from tracheostomy ventilation.
- Providing education teaching to patients and relatives regarding the ventilation equipment prior to discharge for non invasive ventilation, and tracheostomy ventilation.
- Play a supportive and technical role during the twice weekly consultant lead out patient clinics including technical assessment of ventilator equipment and assessment of respiratory physiology.
- Supervision, training and mentoring of junior MDT staff and rotational physiotherapy staff
- Request / perform diagnostic interventions including:
 - advanced / complex respiratory physiological measurements
 - requesting and interpretation of pulse oximetry / transcutaneous CO₂ monitoring
 - performing and interpreting invasive earlobe blood gas measurements
 - Detailed spirometry with Flow Volume Loops
 - Assess Muscle Pressures

- Co-ordinate detailed Sleep studies
- Participate within the team of physiologists providing the NWV out of hours on call service
- Participate in the weekly meetings with the Cystic Fibrosis team and the long term ventilation MDT.
- Ensuring relevant information is passed correctly and updated regularly to the outside agency dealing with patient equipment.
- Participate in improvement of services and the quality of care provision.
- Support and participate in on going clinical research within long term ventilation.

Professional, Technical and Clinical

- Perform, unsupervised, all routine daily requirements of the post
- Perform unsupervised, all routine techniques within the lung function laboratory as required. Undertake additional training in routine and specialist techniques as required.
- To undertake regular equipment testing including calibration, maintenance and quality control.
- To ensure the technical quality of testing and lung function reporting complies with published national guidelines.
- Ensure compliance with all aspects of legal and ethical obligations.
- Participate in the on call rota to ensure 24-hour cover for NWV patients and maintenance of satellite blood gas analysers.
- Ensuring the ventilators and associated equipment are serviced, repaired and maintained as appropriate.

Managerial / Leadership.

- Organisation of respiratory physiology measurements in inpatients and out patients and to supervise the quality control of those measurements.
- To supervise and mentor the work of junior MDT members.
- To participate in the evaluation and testing of new equipment and maintain performance and monitor technical problems of existing equipment.
- Participate in cost awareness and cost control policies in the department.
- Contribute to effective multi disciplinary teamwork within the North West Ventilation service.
- Participate in Ward / Department meetings at which broad professional and service issues are discussed.
- Use available IT resources as per Trust Guidance.

Education and Development

- Deliver training to technical staff and other health professionals as required
- Participate in the development of department policies, protocols and standard operating procedures. E.g respiratory physiology protocols.
- Provision of training to delegates attending internal and external training courses.
- To maintain awareness of current advances and changes in clinical practice.
- Maintain commitment to research based practice and clinical excellence.
- Demonstrate responsibility for personal professional development using Personal Development Plan and Professional Portfolio.

Infection Control

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)

Health and Safety

To comply with Health and safety duties all staff will:

- a) Take care of their own safety and others who may be affected by their actions or omissions.
- b) Adhere to Trust and Departmental Health and Safety Policies and use any equipment or personal protective equipment provided to ensure safety.
- c) Co-operate with their managers to maintain safe systems and safe workplaces.
- d) Report any accidents/incidents or ill health, failings in premises equipment or personal protective equipment.
- e) Not interfere with any equipment provided to ensure Health and Safety.
- f) Not attempt to carry out tasks or repairs beyond their competence.
- g) Adhere to Trust and Departmental Health and Safety Policies and use any equipment or personal protective equipment provided to ensure safety.

This job description is intended as a guide to the duties of post. Other duties may be added as appropriate.

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 wheel chairs, ventilators weighing > 8 kg and stock orders.

Mental Effort

Concentration and accuracy are required in all aspects of this post. There will be frequent times when attention to detail is required such as completing the patient database and performing, assessing and interpreting patients lung function tests.

Emotional Effort

There will be frequent time when it will be necessary to deal with difficult patients or distressing and / or emotional situations involving patient's disease and treatment.

Working Conditions

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

PERSON SPECIFICATION

The person specification sets out the qualifications, experience, skills, knowledge, personal attributes, interests, other requirements which the post holder requires to perform the job to a satisfactory level.

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	<u>ESSENTIAL</u> The qualities without which a post holder could not be appointed	<u>DESIRABLE</u> Extra qualities which can be used to choose between candidates who meet all the essential criteria	<u>METHOD OF ASSESSMENT</u>
QUALIFICATIONS	BSc Biological or Physiological sciences. Registered member of the R.C.C.P. (or working towards registration) ARTP part 1 and part 2. Documented evidence of continuing professional development.	Post registration qualification in specialist areas.	Certificates / document check
EXPERIENCE	Minimum 2 years post registration experience as registered Physiologist. Must be competent in producing accurate full lung function testing data. Must be capable of performing specialist respiratory tests.	Presentation / mentoring / teaching skills.	Application Form Interview Presentation References
SKILLS	Excellent communication skills. Good interpersonal skills. Ability to keep accurate Documentation. Competent in all Microsoft Office application software. Must be able to demonstrate empathy and compassion to patients who are reluctant to commence on non invasive ventilation. Ability to work under pressure and to meet deadlines. This includes planning a broad range of complex activities. Good organisational skills, methodical, reliable. Ability to motivate patients to perform tests to required standards. Ability to motivate staff. Ability to work autonomously.	Ability to analyse and interpret complex lung function data.	Application Form Interview Presentation References

	Good timekeeper. Enthusiastic personality.		
KNOWLEDGE	A thorough understanding of Respiratory Physiology.		Application Form Interview Presentation References
OTHER	Neat / tidy appearance. Car owner with valid drivers licence and insurance required to undertake home visits or visits to other institutions if indicated Flexible to meet the needs of the service including early, late night, weekend and on call work as required.		Application Form Interview Document Check