

## **JOB DESCRIPTION**

**For the post of:**  
**ST3+ Respiratory Medicine**  
**at**  
**BLACKPOOL TEACHING HOSPITALS NHS FOUNDATION TRUST**

**JOB TITLE:** ST3+ RESPIRATORY MEDICINE  
**BAND:** MN37 + 1A BANDING  
**RESPONSIBLE TO:** HEAD OF DEPARTMENT  
**ACCOUNTABLE TO:** HEAD OF DEPARTMENT  
**LOCATION:** VICTORIA HOSPITAL

### **JOB SUMMARY:**

It is an exciting time to join the Respiratory Department at Blackpool Teaching Hospitals, which is looking to appoint a ST3+ doctor in Respiratory/GIM. This is to support the development of respiratory services with a dedicated acute Respiratory Assessment Centre (RAC) and Respiratory High Care facility, an Ambulatory Care service, and a dedicated Pleural Diseases service.

The Trust delivers Adult Cystic Fibrosis services to patients in Lancashire; this is a relatively new service which opened in February 2017.

The successful candidate will join a multi-professional team currently based on Wards 5, 7 & 10 at Blackpool Victoria Hospital.

There is also a well-established, nationally recognised Research Unit and the post-holder will be encouraged to take an active part in this.

There is also a general medical on-call commitment.

## **THE DEPARTMENT OF RESPIRATORY MEDICINE**

The Department of Respiratory Medicine provides services for adult patients throughout the Fylde Coast.

### **STAFF:**

At present there are 7 consultants with an interest in Respiratory Diseases (see later). The remaining medical team establishment consists of:

- 2 Speciality Doctors (including this post)
- 2 Specialist Registrars
- 2 CMT, 1 GPVTS, 1 ACCS Trainees
- 3 FY1 Trainees

Current inpatient services consist of 50 beds on Ward 23 & 24 (ward re-configuration is in progress)

Specialist Nurse Team Consists of:

- 6 Respiratory Nurse Specialists
- 3 Lung Cancer Nurses
- 2 TB Specialist Nurses

1 dedicated Senior Clinical Respiratory Physiotherapist (Oxygen service and NIV)

### **FACILITIES:**

The Chest Clinic has a self-contained suite of clinic rooms on the ground floor attached to the main outpatient block, together with a counselling room and a consultation room for use by the specialist nurses. There is a well-equipped lung function laboratory. Office accommodation is located on the 1<sup>st</sup> floor. There is a seminar room equipped with a computer and digital projector.

Bronchoscopy, including a well-established EBUS, is performed in the Endoscopy Unit situated in the Gastroenterology Department. There are currently 2 lists per week.

In-patient beds are in a purpose built ward block, which opened in June 2001. The chest unit comprises two adjoining 25 bed wards (Wards 5, 7 & 10). A side room on Ward 18 has telemetry equipment for sleep studies: the sleep laboratory is between Wards 18 & 19.

There are plans in place to develop a new respiratory unit comprising a Respiratory High Care area (RHC) and Ambulatory Care service. This new unit will facilitate direct admission to the RHC from A&E, AMU and GP according to set referral criteria.

### **RELATIONSHIP WITH SPECIALIST CENTRES**

Blackpool is a specialist centre for respiratory medicine incorporating a Regional Sleep service, shared care Pulmonary Hypertension and Home Ventilation clinics and a number of other specialist services.

The Chest Clinic currently operates in close liaison with the on site regional cardiothoracic surgical unit. There are 7 consultant cardiothoracic surgeons with a dedicated thoracic surgeon having been appointed recently, and 10.5 cardiologists (7.5 of which are interventionalists), providing angioplasty to a population of 1.6 million. There are weekly combined meetings involving respiratory physicians, cardiothoracic surgeons, radiologists, clinical and medical oncologists, pathologists, palliative care and lung cancer nurse specialists. Video assisted thoracoscopy, bronchial stenting and other specialist facilities are available.

There are 6 to 7 clinics per week run by the oncologists from Royal Preston Hospital incorporating lung cancer patients. The Trust also now has an acute oncology service with specialist nurse support.

## **RELATIONSHIP WITH OTHER SPECIALTIES**

There is a close liaison with the radiology department via weekly joint meetings and direct referral for procedures including CT guided lung biopsies. There is liaison with the CDC and community physicians regarding management of tuberculosis. The Department of Radiology has a complement of 14 consultants, four with an interest in chest disease, and 3 Specialist Registrars. The department is equipped with an Agfa digital imaging system with remote viewing facilities in all wards and outpatient rooms. Images can be accessed via desktop PC in consultants' offices. There is an MRI scanner and 2 CT scanners, with a third CT scanner shortly to be installed.

Respiratory physicians are regularly involved in the general intensive care unit as part of medical take commitments and for specialist respiratory opinions. There is also regular input by one of the chest physicians (Dr Bongers) into the separate cardiothoracic intensive care unit.

## **ADULT CYSTIC FIBROSIS SERVICE**

Dr T Saba and Dr M Etumi lead this new service which opened in February 2017. There is already a well - established Paediatric CF service led by Dr Ned Rowlands.

There is close collaboration with the Manchester Adult CF Centre as a number of existing patients are transferring their care back to Blackpool, along with patients transitioning directly from the Paediatric service. However, we expect that Blackpool would eventually become a stand-alone unit over a period of 3 to 5 years (if not less) caring for 60 to 80 patients.

There are already a number of other consultants in the Trust who have experience in this field including from within Respiratory Medicine, Microbiology, Radiology, Gastroenterology, Thoracic Surgery, Diabetes/Endocrinology, Rheumatology and Obstetrics and Gynaecology.

## **LUNG CANCER SERVICES**

Lung Cancer patients are fast-tracked. It is an extremely busy service; in 2014 and 2015, there were almost 500 referrals on the 2 week wait pathway. A weekly multi-disciplinary meeting is held in the chest clinic. The unit has a close relationship with the departments of cardiothoracic surgery, radiology and oncology. A dedicated thoracic surgeon was appointed last year.

The lead clinician for lung cancer is Dr Mirakhur, with Dr Bhatta as lead for EBUS/Bronchoscopy also having an interest in lung cancer, although all 7 chest physicians see lung cancer patients. There is a weekly EBUS list.

There are 3 lung cancer nurse specialists, who see patients pre-diagnosis and at diagnosis, as well as supporting the thoracic surgeon and oncologists in outpatient clinics.

In addition, there is an on-site EUS service provided by the Gastroenterologists.

The service is actively involved in education and the performance of the service has exceeded Network and national levels in several areas on a consistent basis.

## **SLEEP UNIT**

One of the medical wards contains a dedicated 1 bed suite for 16-channel polysomnography with a third mobile laptop acquisition unit operated by respiratory technicians from an adjacent office. This allows full investigation of obstructive sleep apnoea, narcolepsy and other sleep related disorders. The department is funded for provision of CPAP for obstructive sleep and for local (Blackpool) nasal ventilation in the treatment of nocturnal ventilatory failure. Dr Paracha is the lead clinician for the sleep service.

## **PULMONARY HYPERTENSION**

There is a four-weekly Pulmonary Hypertension clinic run by Dr Saba. This is the only clinic of this type in the Northwest region and provides a diagnostic and shared care service to the local population in association with the regional Sheffield Pulmonary Vascular Diseases Unit.

## **COPD**

The department runs a Hospital at Home service for COPD patients with a weekly MDT and close working relationships with primary care. Dr Bongers is Lead Clinician for COPD. A regional emphysema MDT is in place with collaboration between Blackpool and Preston. The Respiratory Nurse service has collaborated closely with Primary Care to establish COPD pathways interfacing primary/secondary care.

## **PLEURAL DISEASE AND CHEST ULTRASOUND**

We provide a wide range of specialist services for patients with pleural disease including a Bedside Chest Ultrasound service with five Level 1 trained physicians. Dr Saba is Lead clinician for Pleural disease and runs a twice yearly regional chest drain and ultrasound course as well as regular internal chest drain courses. The Cardiothoracic surgical team provide video assisted thoracoscopy and expert advice on large bore chest drainage, including an on call SpR on site at all times. Indwelling pleural catheters (IPCs) are inserted and managed by the surgical team. Our dedicated thoracic surgeon provides a thoracoscopy service for patients under sedation and general anaesthesia.

There are plans to develop a dedicated Pleural Diseases service including a Nurse-led Bedside Ultrasound service, Medical and Nursing bleep holders of the week, twice weekly clinics and procedure lists and a Physician-led IPC service. There will also be a joint Medical/Surgical clinic with Mr Purohit, Thoracic Surgeon.

## **HOME NON-INVASIVE VENTILATION (NIV)**

There is a shared care Home Ventilation clinic in partnership with the Regional Home NIV service at Wythenshawe Hospital, Manchester. This provides a diagnostic and shared care service to local patients under the supervision of the Manchester service. It is however envisaged to change soon to a regionally lead ventilation service encompassing Lancashire and south Cumbria in providing acute and home NIV, weaning and long term home ventilation services for the local population. This development is led by Dr Bongers.

## **PULMONARY FUNCTION LABORATORY**

The Respiratory and Sleep Physiology Department is situated in the Chest clinic Unit in the Out-Patient Department. There is a team of 4 qualified Physiologists, 3 support practitioners and a full time administrative assistant.

The department offers a wide range of routine and specialised respiratory function tests:- Spirometry, Reversibility Studies, Transfer Factor, Lung Volumes (N2 washout), MIP/MEP, Hypoxic Challenge Test, 6 minute walk, Hypertonic Saline Challenge. The Physiologists support the out-patient clinics by offering a same day service for full lung function tests.

The unit is fully involved with the national training programme for new Respiratory and Sleep Practitioners and has hosted students from Manchester Metropolitan University for the last 4 years, supporting them through their Respiratory/Sleep Practitioner training. The department had recently obtained accreditation from the ARTP, allowing us to become a recognised Spirometry Training Centre, with the first session booked for October this year.

The Sleep Physiology Department offers Full Polysomnography, Respiratory Channel Studies, Oximetry, CPAP New Loan, Autoset New Loan, CPAP Titration and follow-up CPAP Clinics. There is a Physiologist led OSAHS clinic, running alongside the Clinician led clinic, where the patients are taken from diagnosis and onto treatment by the Physiologists.

## **BRONCHOSCOPY SESSIONS**

Bronchoscopy sessions incorporating EBUS-TBNA are held on a Monday and Tuesday in the gastroenterology unit.

Dr Bhatta is the lead for Bronchoscopy/EBUS.

## **RESEARCH AND DEVELOPMENT**

We have the largest and most active Respiratory Research programme in Cumbria and Lancashire, itself one of the most successful Comprehensive Research Networks in the UK in recent years. At the time of writing we are running nine NIHR Portfolio studies and have completed five more in the past three years. Five of our consultants are Principal Investigators on open or proposed studies and Respiratory Medicine has the second highest recruitment rate of any speciality in our Trust. Departmental research meetings are held regularly and junior staff are encouraged to participate. In addition, nine abstracts have been accepted for publication at the British and European Thoracic society meetings in the past three years. The Research programme is led by Dr Tarek Saba, who is an Honorary Senior Lecturer at Lancaster University and the team includes four Research nurses, a Junior Trials Fellow and a Physiologist, and the successful applicant will be encouraged to participate.

## **DUTIES AND RESPONSIBILITIES:**

- Co-ordinate the day to day care of patients within the Team ensuring that all patients receive a daily visit at Victoria Hospital.
- In conjunction with the consultant, attend clinics as required, (2 - 3 per week).
- To actively participate in the emergency Medical Admissions Service when on call and to be readily available to provide consultation and advice to Junior Medical Staff and other specialities.

- The on call would form part of the Intermediate on call rota with the other Specialty Doctors and Registrars and would include prospective cover. The Directorate operates a partial shift system.
- The successful applicant will undertake such reasonable alternative patterns of duty as may from time to time be required of him/her to conform with exigencies of the service.
- The successful applicant will undertake such exceptional irregular commitments outside normally rostered duties as are essential for continuity of patient care.
- The post holders duties will be allocated by the Consultant Medical Staff within the Team.
- The postholder will be required to maintain their knowledge and skills. Study leave provision will be available to the post holder.
- To participate in Training of Junior Medical Staff and Medical Students (Manchester University).
- To participate in weekly X-ray meetings, Respiratory Unit teaching sessions, Grand Rounds and Lung Cancer MDT meetings.
- The post holder will be expected to undertake an annual appraisal by their respective Consultant.

Post holders with Research Interests will be actively encouraged.

## **STUDY AND TRAINING**

The postholder will be required to maintain adequate medical knowledge and conform to the requirements for CME (continuing medical education). There is a dedicated CPD/audit session incorporated into the weekly timetable.

## **APPRAISAL**

There is a requirement to participate in annual appraisal in line with GMC regulations.

The Trust has the required arrangements in place, as laid down by the Royal College of Physicians, to ensure that all doctors have an annual appraisal with a trained appraiser and supports doctors going through the revalidation process.

**PROVISIONAL JOB PLAN**

|       | AM         | LUNCHTIME             | PM                              |
|-------|------------|-----------------------|---------------------------------|
| Mon   | Ward Round | Radiology Meeting     | Clinic                          |
| Tues  | Ward Round | Departmental Teaching | Bronchoscopy/ EBUS              |
| Wed   | Clinic     | Grand Round           | CPD/Audit/Research              |
| Thurs | Clinic     | Mortality Meeting     | Ward work<br>CPD/Audit/Research |
| Fri   | Ward Round | Lung Cancer MDT       | Admin                           |

## **ABOUT THE TRUST:**

Blackpool Victoria Hospital, or BVH, as it is known locally, is a medium sized NHS District General Hospital (DGH).

The hospital comprises the major element of secondary health care within the wider combined acute and community trust that is the "Blackpool Teaching Hospitals NHS Foundation Trust".

The "Victoria" site of the hospital has around 900 beds which provide care for Acute Medicine in its wider terms and DGH Surgical specialties, including among others, General Surgery, Trauma and Orthopaedics, Urology and Gynaecology. There is a Women and Children's Unit including both Consultant lead and Midwife lead maternity care.

There is a busy Accident and Emergency Unit, closely linked to the Acute Medical Unit and the Intensive Care Unit. Surgical urgent admissions are managed through a Surgical Assessment Unit.

Two regional specialties are hosted on-site; regional Haematology and the Regional Cardiothoracic Unit (Lancashire Cardiac Centre) which provides Primary PCI and other tertiary cardiac services.

The hospital has had a series of redevelopments over the last couple of decades, providing among others, a phase 5 A&E / AMU / ITU development which opened in 2001, a self-contained Cardiac Wing which opened in 2006, a Phase 6 Surgical Wing incorporating a pre-assessment unit, day-case unit, in-patient operating rooms and ward beds, which opened in 2011. The cardiac wing contains at the current time four catheter laboratories, four operating rooms, twenty intensive care beds, together with supporting day-case facilities for invasive and non-invasive cardiac investigations).

Most recently a new 'Front of Hospital', containing retail outlets and associated multistorey car park opened in early 2014. Recent radiology developments included the provision of modern multi-slice CT located within the cardiac build but for general use.

There is a strong emphasis on enhanced recovery techniques across the surgical specialties, with day of surgery admission being the norm. This even includes Cardiac Surgery where up to 85% of patients undergoing elective surgery are same day admissions.

On-site educational assets include both a Health Education Centre (HPEC) with facilities for both undergraduates and postgraduates, a separate Simulation and Skills Centre including a simulation suite, various seminar rooms and lecture theatres. Within the cardiac building there are wet-lab facilities.

There is a regular teaching Grand Round on Wednesday lunch time together with audits and the other Departmental Governance meetings that one would expect.



Clinical Leadership is provided through a Divisional Structure supporting Clinical Departments with Heads of Department. Alongside this is the Educational Structure managed out of the HPEC. There is a strong Nursing Leadership which works closely with the Medical Leadership.

General management and finance functions work closely with the Divisional structures to provide optimal levels of clinical care. We have a strong and ongoing focus on improvement and risk reduction and clinical quality is overseen through the Divisions which report through to the Trust Board. There is an active Clinical Research department with facilities within the main hospital building.

### **CONFIDENTIALITY:**

In the course of your duties you may have access to confidential information about patients, staff or health service business. On no account must such information be divulged to anyone who is not authorised to receive it. Confidentiality of information must be preserved at all times whether at or away from work. The Trust has in place a 'Whistle blowers Policy' for staff wishing to express concerns.

### **INFECTION PREVENTION AND CONTROL:**

Infection prevention and control is the responsibility of all Trust staff. All duties relating to the post must be carried out in accordance with the Trust hand hygiene and infection control policies and procedures.

### **QUALITY ASSURANCE:**

Every employee is personally responsible for the quality of the work, which they individually perform. It is their duty to seek to attain the highest standards achievable both individually and collectively within their knowledge, skills and resources available to them in furtherance of the Trust's philosophy of pursuing quality in all its services.

### **HARASSMENT AND BULLYING:**

The Trust condemns all forms of harassment and bullying and is actively seeking to promote a work place where employees are treated with dignity, respect and without bias.

### **EQUAL OPPORTUNITIES:**

The Trust actively promotes equality of opportunity for all its employees. (In all the foregoing text any reference to one gender whether direct or implied equally includes the opposite gender unless specifically stated to be otherwise).