

## **HULL UNIVERSITY TEACHING HOSPITALS NHS TRUST**

### **JOB DESCRIPTION**

**JOB TITLE:** Clinical Cardiac Physiologist

**BAND:** Band 5 (Annex U if applicable)

**REPORTS TO:** Head of Cardiac Physiology

#### **JOB SUMMARY:**

To perform a range of cardiac diagnostic tests as appropriate in a Regional Cardiac Centre. Supervises and assists with training of support staff and trainee physiologists. **This post is a fast track post and there is a requirement for the post holder to achieve all the set KPI's within an 18-month period. On successful completion and sign off the post holder will advance to the AFC band 6 payscale**

### **KNOWLEDGE & SKILLS**

#### **Communication & Relationship Skills**

- Communicates with patients, advising them of test procedures, giving in depth explanations about procedures and devices e.g. pacemakers to elderly patients and their relatives.
- Ability to communicate with patients, relatives and colleagues at all levels. Appreciates difficulties with communication.

#### **Knowledge, Training & Experience**

- Theoretical and practical training to Cardiac Clinical Physiology degree or equivalent level with appropriate work experience.
- Certificate in Electrocardiography or equivalent as approved by the Society of Cardiological Science and Technology.
- Training and experience to a level approved by the RCCP for State Registration of Cardiac Physiologists.
- Trained to perform Immediate Life Support.

#### **Analytical & Judgement Skills**

- Analyse ambulatory recordings, assessing abnormalities. Produces accurate documentation of ambulatory ECG and BP recordings.
- Analyses intra cardiac pressures during invasive procedures, informing medical staff of any changes or abnormalities. Accurate documentation and presentation of cardiac pressures and blood sample analysis.

- Able to identify potential risks and act appropriately.

### **Planning & Organisational Skills**

- Prioritises their own work and that of junior staff/trainees.

### **Physical Skills**

- Physical skills necessary for the accurate use of cardiac testing equipment and placement of electrodes/probes.

## **RESPONSIBILITY**

### **Responsibilities for Patient/Client Care**

- Undertakes a range of cardiac diagnostic tests, including:
  - Electrocardiograms.
  - Ambulatory ECG and BP monitoring.
  - Exercise Tolerance Testing (medical and physiologist supervised)
  - Cardiac event/loop recordings.
  - Monitoring and recording pressures, ECG and blood samples during coronary angiography/angioplasty and cardiac catheterization.
  - Monitoring and recording accurate measurements during pacemaker implantation.
  - Interrogate and analyse pacemaker function during follow-up clinics.
- Assists specialist physiologist with exercise tolerance testing. Documents results of the test.
- Advises medical staff of appropriate measurements during pacemaker implantation to ensure correct insertion/positioning.
- Interrogates pacemakers during follow-up clinics, assisting a specialist physiologist to make safe and appropriate changes to optimise the function of the device.

### **Responsibilities for Policy & Service Development Implementation**

- Recognises the need for complete confidentiality.
- Understands national and local codes of practice. Works within detailed policies and procedures and is able to offer opinions on proposed changes to policies.

### **Responsibilities for Financial & Physical Resources**

- Uses complex equipment correctly and safely. Reports any faults to senior staff.
- Assesses stock levels and places orders for consumables under the supervision of senior staff.

### **Responsibilities for Human Resources**

- Assists with the training of junior staff/trainees.

- Supervises junior staff/trainees.
- Able to participate in the appraisal system under supervision.
- Ability to undertake training as appropriate and assess students.

#### **Responsibilities for Information Resources**

- IT skills to allow accurate documentation and analysis of test results.

#### **Responsibilities for Research & Development**

#### **Freedom to Act**

### **EFFORT & ENVIRONMENT**

#### **Physical Effort**

- Movement/positioning of cardiac diagnostic equipment on a regular basis.
- Assisting patients in transferring from wheelchair to treatment/testing couch.
- Positioning patients for diagnostic procedures.
- Wearing protective lead aprons for long periods of time when working under x-ray screening.

#### **Mental Effort**

- Frequent long periods of concentration when performing diagnostic tests/monitoring patients and analysing test results.

#### **Emotional Effort**

#### **Working Conditions**

- Frequent exposure to body fluids, particularly blood during cardiac invasive procedures.
- Occasional exposure to distressing situations.
- Occasionally required to be involved in resuscitation during diagnostic testing.

### **HEALTH AND SAFETY**

In addition to the Trust's overall responsibility for your health and safety you have a personal responsibility for your own health and safety. As such you are required to inform your line manager of any safety issues that you identify that could affect you or others in the workplace. You must co-operate with management and colleagues at all

times in achieving safer work processes and work places, particularly where it can impact on others.

As a Trust employee you will be trained in the correct use of any equipment provided to improve safety and health within the Trust. You are required to use the equipment when necessary and as instructed which will include checking the equipment is safe to use, prior to its use and must report any defects immediately to your line manager.

### **INFECTION CONTROL**

In addition to the Trust's overall responsibilities under The Health and Social Care Act 2008 Code of Practice for healthcare, including primary and adult social care on the prevention and control of infections (revised December 2010) for your safety, you have a personal responsibility to ensure your work adheres to this Code in the delivery of safe patient care within the organisation. This code relates to ALL Trust staff and contractors working within the organisation who are employed to ensure this level of care is provided.

As an employee you will be trained to ensure adherence and compliance to the various Infection Control policies within the Trust.

**This job description is not meant to be exhaustive. It describes the main duties and responsibilities of the post. It may be subject to change in the light of developing organisational and service needs and wherever possible change will follow consultation with the post holder.**