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## JOB DESCRIPTION

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### Job Details

Job Title: Advanced Specialist Cardiac Physiologist Cardiac Imaging (Tertiary)

Division: Scheduled Care

Trust: Manchester Foundation Trust

Base: Oxford Road Site (Cross site working)

Full Time: 37.5 hours (7 day working)

Band: Band 7

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### Organisational Arrangements

Reporting to: Principal Cardiac Physiologist (Section)

Other accountabilities: Consultant Cardiac Physiologist  
Clinical Lead Cardiology  
Directorate Manager Cardiology

### Job Purpose

- 1) Independently practises with a high level of skill and autonomy at Advance Specialist level in Cardiac Imaging
- 2) Independently practises with a high level of skill and autonomy a wide range of other cardiac physiology procedures
- 3) Provides effective day-to-day leadership of the cardiac physiology team within the advanced specialist field and other areas when required
- 4) Actively participates in practical & theoretical training & development of multidisciplinary healthcare professionals from inside and outside of the organisation
- 5) Participates in cardiac & associated medical research as integral to the role
- 6) To undertake any other duties which is deemed appropriate to the band when requested by Principal Cardiac physiologist

### DUTIES AND RESPONSIBILITIES

#### 1. Clinical, General Technical & Professional

Independently practices with a high level of skill and autonomy at Advance Specialist level in Cardiac Imaging, and undertakes a range of other cardiac procedures as an independent and solo practitioner, as per demands of the service

***with responsibilities as follows,***

- 1.1 Employs highly specialist knowledge to independently formulate clinical decisions & ensure appropriate evaluation of patients with complex presentations
- 1.2 employs highly specialist skill in the independent practise of very complex diagnostics and interventions
- 1.3 analyses complex data, performs complex calculations, determines interpretation and independently compiles accurate written complex technical reports for case notes
- 1.4 Independently obtains accurate clinical & symptomatic history from patients from varied backgrounds
- 1.5 independently collates complex clinical information from multiple sources to determine optimal procedure methodology
- 1.6 Independently selects sets-up & operates complex medical equipment as indicated for each procedure.
- 1.7 supervises provocative cardiac testing
- 1.8 monitors complex technical & physiological data, independently takes decision to continue or terminate a procedure
- 1.9 assertively communicates independent interpretations of complex technical & physiological data to guide physicians throughout high risk provocative procedures
- 1.10 independently recognises physiological indicators of haemodynamic crises, initiates timely and appropriate interventions
- 1.11 uses complex IT systems produces accurate records of complex clinical & technical data, maintains an accurate procedure log for audit purposes.
- 1.12 confidently communicates opinion of complex technical data and explains the clinical implications to advise on treatment options
- 1.13 supervises staff working in the clinical environment inc visitors from other Trusts
- 1.14 takes personal responsibility for continuing professional development to ensure skills remain optimal to the role and new elements added to the skills portfolio
- 1.15 supports expert cardiac physiologists & consultant cardiologists in completion of leading-edge diagnostics & interventions
- 1.16 ensures patients receive appropriate information and support in relation to their condition and treatments.
- 1.17 arranges & actively participates in multi-disciplinary clinical review meetings
- 1.18 ensures up-to-date knowledge of medical literature relevant to the field
- 1.19 plays an active role in supporting research projects relevant to the field

**2. Advanced Specialist Cardiac Imaging**

- 2.1 Participates in a wide range of cardiac diagnostics/interventions as required by the service
- 2.2 Participates in the cardiac physiology on-call service
- 2.3 Supervises/ organises staff on a day-to-day basis
- 2.4 Assists in the training & development
- 2.5 Leads a technical field if required
- 2.6 Deputises for section manger when required
- 2.7 Maintains high level exposure and competencies within Advanced Cardiac Imaging

### **3. Leadership**

As a senior member of the cardiac physiology team,

- 3.1 supports section managers in ensuring services are effectively managed day-to-day, to satisfy service demands
- 3.1 supports section managers in ensuring services are continually developed and the centre remains at the fore front of the field
- 3.1 provides educational and professional mentorship of junior staff
- 3.1 assists section managers in effecting regular multi-disciplinary audits and developing benchmarks for best practices alongside other major centres.
- 3.1 ensures appropriate stock management within financial limitations
- 3.1 ensures effective multi-professional teamwork, encourages open, continual dialogue.
- 3.1 takes-up the position of Lead Cardiac Physiologist in a designated (B7) clinical field if required

### **4. Training**

Works in partnership with the Service Manager, Section Managers, HEIs and industry to ensure development of the cardiac physiology workforce in the NHS

- 4.1. effectively imparts knowledge & expertise via formal presentations & practical demonstrations to multi-disciplinary HCPs and patient groups
- 4.2. actively participates in inter-hospital educational meetings to rollout good practises, provides advice and support to cardiac units in service developments.
- 4.3. supports local & national recruitment & retention initiatives
- 4.4. contributes to departmental mentorship program to support development of junior colleagues

### **5. On-call**

- 5.1. participates in 24/7 emergency tertiary on-call service
- 5.2. during participation in the on-call service works as solo independent cardiac physiology practitioner without peer or leadership support on site
- 5.3. during call-out performs complex technical evaluations on the most vulnerable, high risk patient group
- 5.4. supports junior cardiac physiologists undertaking on-call

### **6. General Organisational**

- 6.1. co-ordinates staff group, informs Principal Cardiac Physiologist and service users of staff shortages, etc..
- 6.2. performs all duties in full awareness of financial limitations and the importance of working within them
- 6.3. actively participates in regular staff meetings
- 6.4. supports colleagues and assures consistent service levels by cross-covering during periods of absence
- 6.5. represents the department at meetings within the Trust as required by the Service Manager
- 6.6. Actively promotes Cardiac Physiology internally and externally to the Trust

## **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 of 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 Environmental Factors**

#### **Physical Effort**

Follow manual handling guidelines and principles utilising all aids and applying physical effort, when dealing with patients and equipment. Attend annual updates.  
Frequent physical effort involved in standing for long periods of time.  
Frequent physical effort required to work in confined spaces, or areas restricted by large pieces of equipment.

#### **Mental Effort**

The role frequently requires the ability to concentrate for long periods on complex multi-parameters in noisy clinical environments with many potential distractions.  
Take care of their own safety and others who may be affected by their actions or omissions, working within an environment where they can be exposed to highly unpleasant conditions and hazardous substances.

#### **Emotional Effort**

The role involves frequently working in isolation with patients with terminal illness and high levels of anxiety regarding their condition and its treatments.  
Demonstrate compassion, understanding and empathy when communicating highly distressing and emotional information to relatives and carer's.

#### **Working Conditions**

The role involves regularly working with ionising radiation and exposure to body fluids, including the possibility of contact with blood. The role can involve dealing with agitated, confused and or violent patients and may be highly stressed and verbally abusive. The role can involve working



for prolonged periods in the absence of natural daylight with equipment that generates high levels of heat.