

JOB DESCRIPTION

JOB DETAILS

Job Title:	Specialist Cardiac Physiologist / Healthcare Scientist (Tertiary)
Department / Ward:	Manchester Heart Centre
Division/ Service Area:	Cardiac / WTWA
Base:	Manchester Royal Infirmary
Hours:	37.5 hours

ORGANISATIONAL ARRANGEMENTS

Accountable to:	Managerially: Principal Cardiac Physiologist
Other:	Professionally: Principal Cardiac Physiologist

JOB PURPOSE

- 1) Independently practices, analyses, interprets & reports a wide range of specialist tertiary cardiac procedures.
- 2) Supports advanced specialist procedures as 2nd operator under the supervision of an advanced or expert practitioner.
- 3) Participates in cardiac & associated medical research as integral to the role.
- 4) Actively participates in practical & theoretical training & development of multidisciplinary healthcare professionals from inside and outside of the organisation.

DUTIES AND RESPONSIBILITIES

1. Clinical, General Technical & Professional

Undertakes a range of specialist cardiac procedures as an independent and solo practitioner, (list enc)

with responsibilities as follows,

- 1.1 independently obtains accurate clinical & symptomatic history from medically vulnerable patients from varied backgrounds.
- 1.2 independently collates complex clinical information from multiple sources to determine optimal procedure methodology.
- 1.3 independently selects sets-up & operates complex medical equipment as indicated for each procedure.
- 1.4 supervises provocative cardiac testing previously performed with medical supervision.
- 1.5 monitors complex technical & physiological data, independently takes decision to continue or terminate a procedure.
- 1.6 assertively communicates independent interpretations of complex technical & physiological data to guide senior clinicians throughout provocative invasive cardiac procedures.
- 1.7 independently recognises physiological indicators of haemodynamic crises, initiates timely and appropriate interventions.
- 1.8 produces accurate records of complex clinical & technical data, maintains an accurate procedure log for audit purposes.
- 1.9 analyses data, performs required calculations, determines interpretation and compiles written technical reports for case notes.
- 1.10 assumes personal responsibility for continuing professional development to ensure skills remain optimal to the role and new elements added to the skills portfolio as required.

2. Within a Specialist field (Cardiac Imaging or Cardiac Rhythm Management)

Works with Advanced & Expert practitioners in complex tertiary services whilst progressively developing knowledge and expertise to Advanced Specialist level.

With responsibilities as follows:

- 2.1 employs developing knowledge to assist in formulating clinical decisions.
- 2.2 progressively commences independent practise of highly complex diagnostics, compiles complex reports that may be reviewed by Advanced Cardiac Physiologist or Expert Cardiac Physiologist.
- 2.3 supports “expert” cardiac physiologist & consultant cardiologists in completion of highly complex leading-edge diagnostics & interventions, advises physician on the choice of equipment for individual patients.
- 2.4 ensures patients receive appropriate information and support in relation to their condition and treatments.
- 2.5 Actively participates in multi-disciplinary clinical review meetings.
- 2.6 participates in research projects relevant to the field.

3. Training

Assists in ensuring continuing development of the cardiac workforce in the NHS.

- 3.1. regularly imparts knowledge & expertise via practical demonstrations to educate multi-disciplinary Healthcare Professionals and patient groups.
- 3.2. actively participates in inter-hospital educational meetings to rollout good practises, provides support to smaller cardiac units in service developments.
- 3.3. supports local & national recruitment & retention initiatives.
- 3.4. contributes to departmental mentorship programme to support development of junior colleagues.

4. On-call

- 4.1. participates in 24/7 emergency tertiary on-call service.
- 4.2. during participation in the on-call service works as solo independent cardiac physiology practitioner without peer or leadership support on site
- 4.3. during call-out performs complex technical evaluations on the most vulnerable, high-risk patient group.

5. General Organisational

- 5.1. actively participates in multi-disciplinary clinical audit.
- 5.2. actively participates in regular staff meetings.
- 5.3. supports colleagues and assures consistent service levels by cross-covering during periods of absence.
- 5.4. represents the department at clinical meetings within the Trust as required by the Principal Cardiac Physiologist

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 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 carers.

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.