

Highly Specialist Cardiac Physiologist

Candidate Pack



Job Summary

This summary has been generated using AI to provide a clear and accessible overview of the role. It is intended to support candidates who may find the full job description harder to read, such as those who are neurodiverse, have learning disabilities or lower literacy levels. Our goal is to make the application process more accessible and inclusive for everyone.

- This role is based across two hospital sites and involves working with advanced heart testing equipment.
- You will carry out a wide range of heart tests, including ultrasound scans, ECGs, and helping with heart procedures.
- You'll work independently and help support patients, doctors, and junior staff.
- You'll take part in team meetings, training, and help improve how tests are done.
- You'll help look after the equipment and make sure everything is working properly.
- You'll follow hospital rules and take part in research and learning activities.

Job Description

Job title:	Highly Specialist Cardiac Physiologist
Grade:	7
Site:	The Princess Royal Hospital, Telford with cross site working at Community Diagnostic Centre, Hollinswood House and The Royal Shrewsbury Hospital
Accountable to:	Head of Cardiorespiratory Services
DBS required:	Enhanced

Main Duties

The Cardio-respiratory Department has a base at both hospital sites with Cardiac Diagnostics based

predominantly at The Princess Royal Hospital, Telford with cross site working at Community Diagnostic

Centre, Hollinswood House and The Royal Shrewsbury Hospital. We currently use a combination of GE and

Philips Echo machines and have just had our Cardiac Catheter Laboratory Lab refurbished with the Philips

Azurion system. We perform over 600 ILR, Brady and complex Cardiac device implants a year and perform

over 1000 transthoracic Echoes a month

To undertake a full range of advanced (specialist and highly specialist) cardiological diagnostic procedures

Clinical Responsibilities

To work independently and provide thorough and accurate measurements in all aspects of cardiology,

invasive and non-invasive – to include but not restricted to:

- Independently performing and reporting transthoracic Echocardiography in both in/outpatient

settings and attending local community hospitals when required.

- Performing 12 lead ECGs.
- Fitting and reporting Holter monitors.
- Leading Exercise ECGs
- Diagnostic Cardiac Angiography.
- Basic pacing implants and follow up.
- Assisting Cardiologists in performing complex Echo to include DSE and TOE.
- Assisting with visiting Cardiologists with Adults with Congenital Heart Disease clinics.

Other Responsibilities

- Supporting and contributing to departmental Echo meetings.
- As an independent practitioner, you will be able to use a range of negotiating and problem solving

skills when communicating information to a wide variety of patients and other healthcare

professionals from all backgrounds.

- Supporting and assisting trainees and junior members physiologists across all aspects of cardiology.
- To assist in the line management for the physiology team by participating in the appraisal process

for junior members of the team, identifying training and development needs

- Review reports generated by others providing constructive feedback where required.
- Ensure equipment is well maintained and in a usable condition.
- Report failures to Head of specialty/EBME.

- Ensure BSE and clinical guidelines are adhered to.
- Attend national BSE meetings, maintaining accreditation as per the guidelines.
- Develop protocols to ensure the clinical requirements of each investigation are met.
- To undertake audit and research activities (e.g. equipment evaluation and clinical trials).
- Follow and operate within all relevant departmental/organisational policies and procedures.
- Comply with all statutory and mandatory training, according to trust policies.

Person Specification

	Essential	Desirable
Qualifications	<ul style="list-style-type: none"> • BSc Clinical Physiology or equivalent. Working toward STP and/or BSE accreditation 	<ul style="list-style-type: none"> • ILS • ASCST Parts 1 and II. • Certificate or Diploma in ECG interpretation
Experience and knowledge	<ul style="list-style-type: none"> • Experience and able to independently perform when appropriate a wide range of basic and complex invasive and non invasive Cardiac diagnostic procedures. • Able to support DSE/TOEs. • To include, but not limited to: performing 12-lead ECG, Tape analysis, CPEX/ETT. • Thorough understanding and the ability to independently perform 	<ul style="list-style-type: none"> • Basic Cardiac Device implants and follow up. • Diagnostic Angiography. Specialist courses such as TOE or Echo in GUCH/ACD. Any training provided by Cardiac Device manufacturers.

	<p>Transthoracic Echo.</p> <ul style="list-style-type: none"> • Report independently or with minimal support. • Able to assist with specialist Echo such as DSE/TOE. • Evidence of professional development in this field. • Good understanding of basic pacing/ICD/CRT concepts with some practical experience of implants/follow up 	
Knowledge and skills	<ul style="list-style-type: none"> • Excellent communication and interpersonal skills. • Ability to prioritise work • Organisational and time management skills. • Evidence of independent practice. • Will be able to assess normal and abnormal investigations and act appropriately. • Will know the national guidelines for good practice for the relevant cardiac discipline • Will be computer literate with knowledge of Microsoft Office. 	<ul style="list-style-type: none"> • Knowledge of Patient systems such as • Careflow and/or Cris. • Teaching/mentoring qualification

	and Familiar with an echo reporting database such as Xcelera/ISCV	
--	---	--

General conditions

As they undertake their duties, all our people are required to uphold and demonstrate the Trust's core values of: Partnering, Ambitious, Caring and Trusted. Collaboration and partnership are also central to our approach in delivering our fundamental activities of patient care, teaching, and research.

Health and safety

As an employee of the Trust, you have a responsibility to:

- take reasonable care of your own Health and Safety and that of any other person who may be affected by your acts or omissions at work; and
- co-operate with the Trust in ensuring that statutory regulations, codes of practice, local policies and departmental health and safety rules are adhered to; and

- not intentionally or recklessly interfere with or misuse anything provided in the interests of health and safety

Infection prevention and control (IPC)

The prevention and management of acquired infection is a key priority for the Trust. As an employee of the Trust, you have a responsibility to:

- ensure that your work methods are compliant with the Trust's agreed policies and procedures and do not endanger other people or yourself; and
- be aware of infection prevention and control policies, practices, and guidelines appropriate for your duties and you must follow these at all times to maintain a safe environment for patients, visitors and colleagues; and
- maintain an up-to-date knowledge of infection prevention and control, policies, practices, and procedures through attendance at annual mandatory updates and ongoing continuing professional development; and
- challenge poor infection prevention and control practices of others and to report any breaches, using appropriate Trust mechanisms (e.g. incident reporting policy)

Information governance

The Trust is committed to compliance with Information Governance standards to ensure that all information is handled legally, securely, efficiently, and effectively. You are required to comply with the Trust's Information Governance policies and standards.

Confidentiality and Security - Your attention is drawn to the confidential nature of information collected within the NHS. Whilst you are employed by the Trust you will come into contact with confidential information and data relating to the work of the Trust, its patients or employees. You are bound by your conditions of service to respect the confidentiality of any information you may come into contact with which identifies patients, employees or other Trust personnel, or business information of the Trust. You also have a duty to ensure that all confidential information is held securely at all times, both on and off site.

Disclosure of Information - To ensure that information is only shared with the appropriate people in appropriate circumstances, care must be taken to check the recipient has a legal basis for access to the information before releasing it. Upon leaving the Trust's employment and at any time thereafter you must not take advantage of or disclose confidential information that you learnt in the course of your employment, to protect yourself and the Trust from any possible legal action.

Information Quality and Records Management - You must ensure that all information handled by you is accurate and kept up-to-date and you must comply with the Trust's recording, monitoring, validation and improvement schemes and processes.

Professional standards and performance review

As an employee of the Trust, you have a responsibility to:

- participate in continuous personal development including, statutory and mandatory training as appropriate for the post; and
- maintain consistently high personal and professional standards and act in accordance with the relevant professional code of conduct; and
- take responsibility for the maintenance and improvement of personal and professional competence and to encourage that of colleagues and subordinates

Safeguarding children and vulnerable adults

We all have a personal and a professional responsibility within the Trust to identify and report abuse. This may be known, suspected, witnessed or have raised concerns. Early recognition is vital to ensuring the patient is safeguarded; other people (children and vulnerable adults) may be at risk. The Trust's procedures must be implemented, working in partnership with the relevant authorities. The Sharing of Information no matter how small is of prime importance in safeguarding children, young people and vulnerable adults.

- As an employee of the Trust you have a responsibility to ensure that:
 - you are familiar with and adhere to the Trusts Safeguarding Children procedures and guidelines.
 - you attend safeguarding awareness training and undertake any additional training in relation to safeguarding relevant to your role.

Social responsibility

The Trust is committed to behaving responsibly in the way we manage transport, procurement, our facilities, employment, skills, and our engagement with the local community so that we can make a positive contribution to society. As an employee of the Trust, you have a responsibility to take measures to support our contribution and to reduce the environmental impact of our activities relating to energy and water usage, transport and waste.

Continuous improvement

The Shrewsbury and Telford Hospital NHS Trust is committed to creating a culture that puts Continuous Improvement at the forefront of our transformational journey and our aim is to empower colleagues at all levels have the confidence, capability, passion, and knowledge, to test changes and make improvements at SaTH and in the communities we serve.

Following a successful five-year partnership with the Virginia Mason Institute in the USA, SaTH

continues to further develop and embed the Trust's approach to Continuous Improvement at all levels of the organisation. You will be supported by an Improvement Hub, which will provide the necessary expertise to support you make improvements, while also providing training at various stages of your time at SaTH, as part of your continuing professional development.

Equal opportunities and diversity

The Shrewsbury and Telford Hospital NHS Trust is striving towards being an equal opportunities employer. No job applicant or colleague will be discriminated against on the grounds of race, colour, nationality, ethnic or national origin, religion or belief, age, sex, marital status or on the grounds of disability or sexual preference.

Selection for training and development and promotion will be on the basis of an individual's ability to meet the requirements of the job.

The Shrewsbury and Telford Hospital NHS Trust the post-holder will have personal responsibility to ensure they do not discriminate, harass, bully, or contribute to the discrimination, harassment or bullying of a colleague or colleagues, or condone discrimination, harassment or bullying by others.

The post-holder is also required to co-operate with measures introduced to ensure equality of opportunity.



