

Job Description

Interventional Cardiology Fellow

August 2024



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Information pack on the Taunton and Somerset NHS Foundation Trust

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INTRODUCTION

This is an exciting opportunity to join our team of highly motivated professionals, in a progressive department, providing high quality cardiology services to the people of Somerset.

The Trust operates a busy Emergency Department alongside other acute services covering most of the major specialties. We provide primary angioplasty to the majority of Somerset patients (~550,000). We are in process of merging with Yeovil hospital which will increase our catchment area. We have links with the Bristol Royal Infirmary which provides cardiothoracic surgery and tertiary cardiology facilities within our local Network.

The cardiology department is well supported by the Trust having recently invested in 3 state of the art Siemens Cardiac catheter labs which are all equipped for complex PCI / adjunctive imaging and pacing .

The Trust has clear objectives in terms of delivering excellent, safe and effective patient care and aims for services that are positively rated by patients, families and stakeholders.

Taunton is in a beautiful part of the country and has all the benefits of a modern county town, whilst being only minutes from spectacular areas of outstanding natural beauty and dramatic coastlines.

This is an exciting opportunity for the successful applicant to help support and develop our service to deliver the highest quality care: we can offer you a great working environment and a chance to develop and further your career.

THE CARDIOLOGY DEPARTMENT

Services Provided

In West Somerset, Cardiology Services are provided at Musgrove Park Hospital for a local catchment population of approximately 360,000. In addition, some secondary cardiac services are provided for the population of East Somerset, which serves a catchment population of approximately 170,000.

The inpatient facility comprises a 9 bed Coronary Care Unit with an integral cardiac catheter department with 3 Siemens catheter Labs. There are 12 day-case beds and 6 recovery beds attached to the catheter lab, a cardiology day case unit incorporating a radial lounge. The department has its own dedicated outpatient facilities and 4 echo laboratories. In addition, the cardiologists supervise the care of cardiac patients on Fielding.

Within the Medical Division there is an Acute Medical Unit (AMU), run by Acute Care Physicians. The cardiologists do not contribute to the medical on-call rota. In addition, there is an acute chest pain assessment area in the A&E department, staffed and run by specialist nurses, supported by the consultant cardiologists.

Coronary Angiography and Intervention

PCI 1100

PPCI 250

Full hybrid CTO service

PCI equipment: Pressure wire – Boston Scientific

IVUS – Boston Scientific

Rotational atherectomy – Boston Scientific

OCT – Abbott Vascular

Laser – Spectranetics (Phillips)

IABP – Teleflex / Gettinge

IVL – Shockwave

CSI – CSI (orbital atherectomy)

Radiation protection - Radiaction

The Somerset Cardiac Catheter Laboratory was opened in July 2001 and redesigned, redeveloped and expanded in 2007. It has now undergone further redevelopment and upgrade with 3 new Siemens labs. It is used by the cardiologists in both Somerset acute Trusts. Two sessions are allocated to Yeovil Hospital (Dr C Chung) and the remainder to Taunton. The laboratory has a dedicated day case unit (including a radial lounge with up to 8 Chairs) for diagnostic/interventional/CRT work. We run daily routine angiography, routine angioplasty and urgent (in-patient) query-proceed angiography lists.

The department performs around 1600 diagnostic angiography studies per annum.

The local percutaneous coronary intervention (PCI) service commenced in December 2001, with BCIS peer review and subsequent expansion from 2003, and 24/7 Primary PCI for heart attack rolled out in December 2009. This appointment will join the established interventional on call rota (1 in 6), providing 24/7 PPCI for Somerset. Each year, we perform a total of 1200 PCI and approximately 250 Primary PCI cases with excellent outcomes compared with BCIS National data. Radial access is currently at 90%; adjunctive tools include pressure wire, IVUS, OCT, IVL, Laser, rotablation and CSI.

[Cardiac Devices and Electrophysiology](#)

The department performs over 450 permanent pacing procedures annually, and approximately 1/3rd of those are CRT/ICD procedures. The service is delivered by 3 consultants at present.

We currently refer EP cases to the Bristol Royal Infirmary.

[Non Invasive Testing](#)

The department performs over 1000 24-hour tapes and 600 Novacor investigations per year. Ambulatory blood pressure monitoring is performed on over 300 patients annually. There is access to signal averaged ECGs, reveal devices and tilt testing. In addition, we offer an open access 24-hour ambulatory ECG service for GPs.

[Imaging](#)

The department has four echocardiography machines and performs over 4000 trans-thoracic, 100 trans-oesophageal and 150 stress echocardiograms yearly, with plans in place for significant expansion. A community based open access diagnostic echo service is also provided for Taunton GPs.

We have a cardiac CT and MRI service which is run jointly between radiology and cardiology and currently undertakes around 700 CT scans (Including CTCA and TAVI work up) and 500 MRI scans (including adenosine stress) per annum.

Chest Pain Service

The department runs an average of 5 chest pain clinics a week and we are now compliant with CG95. The service is predominantly nurse-led with consultant support as required.

Cardiac Rehabilitation Services

A highly successful primary/secondary care rehab service has been running in Somerset for many years. The service is led by Mrs D Giblett.

CURRENT STAFFING

Medical staff

Consultants	Sub Specialty Interest
Dr T J MacConnell	Cardiology
Dr D Beacock	Cardiology –CMRI
Dr M Seddon	Cardiology – Intervention
Dr O Gosling	Cardiology –Imaging/ Pacing (Clinical Lead)
Dr G Furniss	Cardiology - Devices
Dr M Sahebjalal	Cardiology – Intervention (Cath lab Lead)
Dr Q Zeb	Cardiology - Intervention
Dr O Samara	Cardiology – Intervention
Dr T Rees	Cardiology – Intervention
Dr M Connolly	Cardiology - Intervention
Dr A Burchell	Cardiology – Heart failure/Imaging
Dr R Baker	Cardiology – Devices/Heart failure

Dr M Mehisen Cardiology – Devices/GUCH

Other Medical Staff

Dr Saadun Abdullah Cardiology – Staff grade

Dr Justin Temporal Interventional Fellow

Dr Stewart Brown CRM fellow/MD

Dr Olivia Clayton Specialist Registrar, Cardiology

Dr Sam Williams Specialist Registrar, Cardiology

Secretarial staff

The department has 5 secretaries and 1 other member of staff who support the 12 Consultants, Registrars, Nursing Staff and Technicians. In addition, there are a number of administrative staff with responsibility for clinic appointments, investigation bookings, clinic notes preparation, research and reception duties.

Each consultant has a named PA which they work with. You may need to share an office. Each consultant is provided with an adequately equipped office, including IT facilities.

Other staff

We have a wide range of other staff, including cardiac physiologists and cardiographers. We have our own dedicated nursing staff attached to the day-case unit. There is a dedicated heart failure pharmacist (Sarah Woolgar).

Dr James Gagg Associate Medical Director

Mrs Deidre Molloy Service Manager

Ms Charlotte Baker Cath lab Senior Sister

Main Duties of the Post

Clinical duties

Outpatient clinics take place at Musgrove Park Hospital, in the cardiology department. We envisage that the fellow will provide on average one clinic a week.

You will have 7 interventional lab session per week with a mixture of acute and elective sessions. This will involve CTO as well as complex PCI lists. We believe that during the year of training you should achieve over 400 first operator PCIs.

you will be expected to provide support for our junior colleagues and helping out with the inpatient referrals to cardiology, however this will not impact your time in the cath lab.

Work Load

Outpatient clinic templates are based on ABN guidelines of 35 minutes for a new patient and 20 minutes for a follow up consultation.

The Ward work levels will be minimal and will only include helping with inpatient referrals seldom to support our junior colleagues.

You will have a mixture of acute and elective cath lists with 4-5 patients on each list depending on the complexity of the procedure. We envisage that by the end of your fellowship you will achieve 400 first operator PCIs with expertise in IVUS and OCT as well as basic CTO techniques

Audit

The post holder will be required to take part in the relevant national audits that apply to their work, particularly the MINAP and BCIS audits. The Trust has an audit department which supports and monitors such activity. There is an active Trust Clinical Audit Committee.

Clinical Governance

All clinical staff are accountable and responsible for their own clinical competence and should limit their actions to those for which they are deemed competent. Clinical staff are also required to comply with the requirements of their professional organisations regarding supervision. A mentoring scheme is available to all new Consultants.

Administration/Budgetary Responsibilities

The post holders will have responsibility for undertaking administrative duties associated with the care of patients and the administration of the department. This is accounted for in DCC and SPA allocations.

Management Duties

The post holders will:

Attend and contribute to the cardiology multidisciplinary meetings.

Attend and contribute to such other meetings as are necessary for the development of the service

Appraisal, Job Planning and Mandatory annual training

The successful candidate will be required to participate actively in the annual appraisal. In addition, you will be expected to attend mandatory annual update training.

Infection Control

The Trust regards Infection Control as an essential requirement in the provision of a safe service to all its patients. All members of staff will be expected to follow the Trust policies in relation to Infection Control, and staff have a duty to make themselves aware of these policies and how they affect them. Decontamination of hands is regarded as an integral part of the provision of the service, and in particular, staff in clinical areas that are in patient contact must decontaminate their hands between patients. Staff who are observed not complying with this policy should be expected to be challenged, and action may be taken in line with the Trust's Disciplinary policy.

Management Arrangements

Accountability

Managerially accountable to: Clinical Director via Directorate Manager

Professionally accountable to: Medical Director via Clinical Director

Groups of specialties are within Clinical Directorates, each with a Clinical Director, Matron and Directorate Manager.

This post is within the Acute Medicine Directorate which also includes Care of Older People, Stroke and Neurorehabilitation, Neurology, Respiratory, Endocrinology and Diabetes, Acute Medicine and Emergency Medicine.

Clinical and educational supervisor:	Dr Mo Sahebjalal
Clinical Service Lead:	Dr Oliver Gosling
Associate Medical Director:	Dr James Gagg
Service Manager	Mrs Deidre Molloy
Directorate Matron	Miss Sharon El-Fetouaki

Programme of work

Sample Job Plan Record

Job	Interventional cardiology fellow
Department	Cardiology
Division	Acute Medicine
Start date	2021

Timetable when not attending wards

Day	Morning	Lunchtime	Afternoon
Monday	PCI (Acute lab)		PCI List (Acute lab)
Tuesday	Clinic		Referrals
Wednesday	PCI (elective lab)	MDT Grand Round	PCI list
Thursday	PCI (elective lab)		PCI (elective lab)
Friday	PCI (elective lab)		Admin/Research

Visiting Arrangements

If you would like to know more about us or to arrange a visit, please contact:

Dr Mo Sahebjalal

Consultant Cardiologist

Mohammad.sahebjalal@somersetft.nhs.uk

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