ST GEORGE’S UNIVERSITY HOSPITALS NHS FOUNDATION TRUST

CARDIOLOGY CLINICAL ACADEMIC GROUP

JOB DESCRIPTION - LOCUM SPECIALIST REGISTRAR IN CARDIOLOGY (2 posts)

Job Title: Locum Specialist Registrar In Cardiology (2 posts available)

Hours of Work (p/w): 48; Band 1B

Service Centre/Directorate: Cardiology Clinical Academic Group

Base: St George’s Hospital

Accountable to: Dr Stephen Brecker, Chief of Cardiology

Report to: Dr Raj Sharma, Head of Clinical Services, Cardiology Clinical Academic Group

Job Summary:

Applications are invited for three separate posts of Specialist Registrar in Cardiology to start from April 2016 based at St George’s Hospital NHS Foundation Trust in the newly created Cardiology Clinical Academic Group. These positions have become available as a result of deanery vacancies. These posts are suitable for doctors ST3-4 level (or equivalent) upwards, who wish to enhance their experience in Cardiology. Applicants must hold a valid ALS certificate. Experience in echocardiography, cardiac catheterisation and temporary pacemaker insertion is necessary for these posts. The successful candidates will also participate in the cardiology on-call rota for out of hours work.

Job Description

The candidate will form part of a team of 12 cardiology ST3-8 doctors responsible for the care of in-patients within the cardiothoracic unit, working a full shift system (1 in 12). The candidate will receive ongoing training and exposure in echocardiography, coronary angiography and pacing (according to experience).

Continued cardiological education is maintained by weekly echocardiography meetings, weekly audit and mortality/morbidity meetings, and weekly angiographic meetings. Participation in clinical audit is essential and there will be the opportunity to perform an audit project.

Principle Responsibilities

1) Provide inpatient services to cardiology patients and to undertake regular ward rounds to ensure effective management during the in-patient stay and early discharge of patients.
2) On-call duties - Participation in the Primary PCI rota for STEMI and high-risk NSTEACS patients. Assessment and management of patients with acute cardiovascular problems from A & E and Acute Medicine, other specialties within the trust, and transferred from the local district general hospitals.

3) Practical procedures: Transthoracic echocardiography, coronary angiography, temporary and permanent pacemaker insertion & central line insertion

4) To be a full member of the multi-disciplinary team, including participation in the rota and attendance and presentation at weekly MDTs.

4) Additional duties
- Participate in new patient and follow-up consultant-led outpatient clinics.
- Supervision of physician assistants, junior doctors (ST1-2) and paramedical staff.

Research
The Cardiology Clinical Academic Group (CAG) is active in research and we are keen to increase the volume, diversity and degree of collaboration. The post holders will have the opportunity to be involved in clinical research projects within the CAG. There are numerous research fellows, cardiac research nurses within the Department.

Medical Education
Medical students are attached to the cardiology firms as part of under-graduate training. The Trust supports continued medical education and expects the post holders to be involved in teaching. There is a dedicated Head of Education and Teaching Fellow to coordinate the delivery of training.

The University has an excellent modern library with electronic access to most journals. There is a wide range of post-graduate activities. There is a weekly hospital wide Medical Grand Round (which includes monthly audit meetings).

Medical Audit
The post holder will also be expected to have a strong commitment to and active participation in medical audit within the CAG and Department of Medicine. Department of Medicine audit meetings are held on a monthly basis and departments are expected to present audit projects approximately annually in rotation. An Audit Department will collect and collate data.

Informal Enquiries / Visits
If you would like to discuss the post informally or arrange a visit please contact:
Dr Raj Sharma, Head of Clinical Services, rajan.sharma@stgeorges.nhs.uk
Dr Robin Ray, Head of Education, robin.ray@stgeorges.nhs.uk
Dr Michael Papadakis, Senior Cardiology SpR and Clinical Lecturer, mipapada@sgul.ac.uk

Terms & Conditions of Service and Trust Policy
The Appointment will be held with St. George’s University Hospitals NHS Foundation Trust.

The Job Description is a reflection of current service needs and may be reviewed and amended, in consultation with the post holder, in the light of future changes or development.
Within the terms of DHSS Circular HC (88) 9 – Protection of Children – applicants are required when applying for this post to disclose any records of convictions, bind-over orders of cautions.

The Trust is committed to providing safe and effective care for patients. To ensure this, there is an agreed procedure for medical staff that enables them to report quickly and confidentially concerns about the conduct, performance or health of medical colleagues (Chief Medical Officer, December 1996). All medical staff practising in the Trust should ensure that they are familiar with the procedure and apply it.

Registration
It is a condition of your appointment to be registered with the General Medical Council and to maintain this registration.

Indemnity
The Trust will cover all medical staff for NHS work under NHS Indemnity. St. George’s University Hospitals NHS Foundation Trust is required to encourage medical and dental staff to ensure that they have adequate defence cover for any work that does not fall within the scope of the Indemnity Scheme (HSG (96) 48 refers).

Confidentiality
All personal matters relating to patients’ diagnosis and treatment and personal information relating to members of staff are strictly confidential and under no circumstances are such information to be divulged to unauthorised person(s). Breach of this condition will result in disciplinary action including dismissal. A breach of confidentiality may also result in a civil action for damages.

Criminal Records Bureau
All Trust staff are subject to a Police check and are required to complete and return the Disclosure application form sent by the Criminal Records Bureau.

Rehabilitation of offenders
All Medical and Dental posts are exempt from the provisions of Section 4(2) of the Rehabilitation of Offenders Act 1974(Exceptions) Order 1975. Applicants are, therefore, not entitled to withhold information about convictions which for other purposes are ‘spent’ under the provisions of the Act. Failure to disclose such convictions could, in the event of employment, result in dismissal or disciplinary action by the Trust. Any information given will be completely confidential and will be considered only in relation to the particular post.

Occupational Health
A full examination will not normally be required but the successful candidate will be required to complete a health questionnaire will need to produce evidence of a satisfactory chest x-ray within the last year.

Hepatitis ‘B’ Screening and Immunisation
Posts are offered on the understanding that the applicant will comply with local requirements regarding immunisations.

Applicants will be asked to supply written evidence to the Occupational Health Department of degree of immunity to Hepatitis B. If not immunised, the result of a test that indicates freedom from carrier state will be required and immunisation should then be commenced.
Applicants should be aware of the guidance to HIV infected health care workers from the Department of Health and the GMC/GDC.

‘IT’ Requirements for All Medical Staff
It is a condition of employment that all medical staff complies with the Trust’s IT policy in respect of secure use and safeguarding confidentiality.

It is a condition of employment that the post holder:

► Attends and satisfactorily completes training on Trust’s clinical IT systems as they relate to the medical care and management of patients
► Conforms to the Trust’s IT security policy, which includes:
  - Safeguarding the confidentiality of his/her password
  - Not allowing the use of his/her password by anyone else
  - Logging off promptly at the end of each task
  - Not using other people’s passwords
  - Not misusing the Internet facilities available through the Trust’s IT system
  - Safeguarding patient confidentiality
► The Trust will require all medical staff to hold the European Community Computer ‘Driving Licence’ as soon as this becomes a requirement for continued registration with the General Medical Council.
► The Trust will provides adequate IT training.

The Trust monitors the use of its IT facilities, passwords, e-mail and Internet traffic. Failure to comply with the Trust’s IT security policy will be taken seriously and may result in formal disciplinary action and has resulted in dismissal for severe offences.

Annual Leave
SpRs on the 1st and 2nd incremental point are entitled to 27 days plus 8 bank holidays
SpRs on the 3rd or higher incremental points are entitled to 32 days plus 8 bank holidays

Sickness
If you are absent due to sickness, notification to the Medical Staffing department is essential together with other key areas; failure to do this will result in nil pay. A self-certificate must be sent from the 1st day of sickness covering you to the 7th day. A medical certificate is required from the 8th day onwards covering the period until you return to work. Without this sickness benefit cannot be paid. Long-term sickness will require you to be seen by Occupational Health prior to return to work.

Equal Opportunities
The Trust is committed to the concept of Equal Opportunities, which is detailed in the organisation’s Equality and Diversity Procedure. You are required to fulfil your responsibilities under this Policy and to ensure that no individual receives less favourable treatment on the grounds of their gender, sexual orientation, marital status, disability, religion, creed, colour, race, ethnic, national origin, HIV status, age, social background, trade union membership or non-membership and is not placed at a disadvantage by requirements or conditions which cannot be shown to be justifiable.

Health & Safety
Employees are required to be aware of health and safety legislation and Trust policy and should take responsibility for ensuring this is adhered to. You have a responsibility to follow the incident reporting system, which will ensure that the Trust can manage risks to patients, visitors and staff.
Contract
Whilst the duties of the NHS appointment will be primarily at the hospital(s) stated, the appointment will be made to the St. George’s Healthcare NHS Trust and there may be a commitment to attend occasionally at any other hospital or clinic in the Trust, as may be necessary from time to time.

Trust Vision & Values:
The post holder is expected to have a clear understanding of how this post contributes to the achievement of the trust vision of:

*We are a Foundation Trust at the heart of an integrated healthcare system; one that delivers improved patient care at a community, hospital and specialist setting, supported by a unique and nationally recognised programme of research, education and employee engagement.*

We expect all our staff to share the values that are important to the Trust, being Excellent, Kind, Responsible & Respectful, and behave in a way that reflect these.

Main Duties/Key Results Areas: Focusing, where possible, on outcomes qualitative as well as quantitative.

The following responsibilities are common to all posts in the Trust and should be included at some point in the job description.

- To have responsibility for the Health, Safety and Welfare of self and others and to comply at all times with the requirement of the Health and Safety Regulations.
- To ensure confidentiality at all times, only releasing confidential information obtained during the course of employment to those acting in an official capacity in accordance with the provisions of the Data Protection Act and its amendments.
- To work in accordance with the Trust’s Equal Opportunities policy to eliminate unlawful discrimination in relation to employment and service delivery.
- To ensure skills are up-to-date and relevant to the role, to follow relevant Trust policies and professional codes and to maintain registration where this is a requirement of the role.

(For management posts the following sentence should also be included: To be trained in and demonstrate fair employment practices, in line with trust policies)

- To comply with St. George’s Healthcare No Smoking Policies.
- To undertake such duties as may be required from time to time as are consistent with the responsibilities of the grade and the needs of the service.

About St. George’s University Hospitals NHS Foundation Trust
With nearly 8,000 dedicated staff caring for patients around the clock, St George’s Hospital is the largest healthcare provider in southwest London.

Our main site, St George’s Hospital in Tooting – one of the country’s principal teaching hospitals – is shared with St George’s, University of London, which trains medical students and carries out advanced medical research. St George’s Hospital also hosts the St George’s, University of London.
and Kingston University Faculty of Health and Social Care Sciences, which is responsible for training a wide range of healthcare professionals from across the region.

As well as acute hospital services, we provide a wide variety of specialist care and a full range of community services to patients of all ages. These services are provided from Queen Mary’s Hospital, Roehampton, 11 health centres and clinics, schools and nurseries, patients’ homes and Wandsworth Prison.

St George’s Hospital serves a population of 1.3 million across southwest London. A large number of services, such as cardiothoracic medicine and surgery, neurosciences and renal transplantation, also cover significant populations from Surrey and Sussex, totalling around 3.5 million people. The trust also provides care for patients from a larger catchment area in southeast England, for specialties such as complex pelvic trauma. Other services treat patients from all over the country, such as family HIV care and bone marrow transplantation for non-cancer diseases. The trust also provides a nationwide state-of-the-art endoscopy training centre.

A number of our services are members of established clinical networks and bring together doctors, nurses and other clinicians from a range of healthcare providers working to improve the quality of services for patients. These include the South London Cardiac and Stoke Network and the South West London and Surrey Trauma Network, for which St George’s Hospital is the designated heart attack centre, hyper-acute stroke unit and major trauma centre.

**About St George’s, University of London**

St George’s, University of London, is distinctive as the UK’s only independently governed medical and health sciences higher education institution. A college of the University of London, we have been providing medical and healthcare training for over 250 years.

With approximately 6,000 students and 850 members of staff, our Mission is to advance, promote and share knowledge of health through excellence in teaching, clinical practice and research into the prevention and treatment of illness.

Our courses range from medicine, biomedical sciences, nursing, midwifery, paramedic science, social work, physiotherapy, to therapeutic and diagnostic radiography as well as postgraduate and continuing professional development courses. A number of these courses are taught through our Faculty of Health and Social Care Sciences, which is jointly run with Kingston University.

St George’s prides itself on providing the highest standard of learning through the latest in teaching and learning resources, exceptional research, innovative course development, enterprise and innovation, and strategic partnerships.

We were the first to introduce a four-year medical degree open to graduates from all disciplines and, more recently, became one of only four universities in the country to pioneer training for physician’s assistants – a new breed of healthcare professionals brought over from the United States.

In research, we are equally as innovative and driven by high standards of excellence to advance healthcare. There are six research centres at St George’s: Biomedical Sciences; Cardiovascular Sciences; Human Genetics; Infection and Immunity; Stroke and Dementia; and Population Health. These Centres undertake research in areas including, but not exclusive to, infection and immunity, cardiology, stroke, epidemiology, cell signalling and genetics.
St George’s success has been aided by our strategic partnerships with other institutions. Our life-long partnership and shared site with St George’s Hospital has created a unique learning and research environment. Our partnership with Kingston University has enabled us to expand our portfolio of courses and to introduce more initiatives, like the foundation-year medicine programme, that broaden access to medical and healthcare education for students who may have been previously excluded from higher education. And our three-way alliance with Kingston University and Royal Holloway, University of London brings together our energy, ideas and expertise to enhance teaching and research opportunities for staff and students. We have also established an Enterprise and Innovation Centre to encourage the transfer of knowledge and skills to business and the wider community.

St George’s academic provision is organised into three divisions: Basic Medical Sciences; Clinical Sciences; Population Health Sciences and Education.

More information about St George’s, University of London can be found at www.sgul.ac.uk.

CARDIOLOGY CLINICAL ACADEMIC GROUP

The Cardiology Clinical Academic Group (CAG) at St George’s is a newly established body across Cardiology, created to execute a shared strategic vision between St George’s University Hospitals NHS Foundation Trust and St George’s, University of London; based on the tripartite mission of

- Achieving high standards of clinical care
- Leading clinical and laboratory research
- Educating doctors and other health professionals

The creation of a CAG is designed to incorporate clinical and academic professionals into a single strategic and operational unit in order to optimise healthcare delivery and foster academic excellence.

The Cardiology CAG is empowered to unify clinical services and academic expertise with clinicians and scientists working as an integrated team to generate the following identified benefits:

- Develop and promote the profile and reputation of St George’s cardiology, through the enhancement of current excellence in service provision, research and education
- Improve or enhance clinical services where necessary
- Identify and secure new income generation opportunities for clinical services, research and education
- Maximise opportunities to win major research grants and advance knowledge in the cardiovascular field
- Expand commercial trial portfolio
- Develop education and training for all health professions for undergraduate and postgraduate students and continuing professional development
- Be prepared to disinvest from those areas that do not fulfil the strategic intent or performance measures agreed by the CAG.

The CAG offers tertiary cardiac care services to patients across South West London and Surrey for the management of the full spectrum of cardiovascular disease including coronary artery disease, valvular heart disease, heart rhythm disorders, heart failure, and inherited cardiac diseases including
Our clinical services form the basis for our research portfolio with a particular focus on sudden death encompassing inherited cardiac conditions, cardiac pathology, cardiac imaging, electrophysiology and sports cardiology.

Queen Mary’s Hospital is part of St. George’s University Hospitals NHS Foundation Trust, and offers a comprehensive consultant led rapid access outpatient service for the diagnosis and effective treatment of all cardiac conditions.

Clinical Electrophysiology and Device Therapy
The electrophysiology group has an established reputation for excellence in clinical and academic electrophysiology. The team consists of a resident consultant body to which this post will add: Prof John Camm, Dr Elijah R Behr, Dr David Ward, Dr Mark Gallagher and Dr Magdi Saba; and external consultants undertaking lab sessions and on-call at the Trust: Dr Riyaz Kaba, Dr Mark Norman, Dr Zia Zubberi and Dr Abhay Bajpai. This provides an assured clinical base for specialist care referrals and management with close links to the inherited cardiac conditions (ICC) services (see below). We provide specialist training to two ST7 fellows and other visiting fellows as part of the South London TPD rotation.

The out-patient and in-patient services are high volume and deal with all aspects of arrhythmia including atrial fibrillation, ventricular tachyarrhythmias and other complex arrhythmias referred from across the South-West London and the Surrey region and beyond. These are supported by two arrhythmia nurses. We offer a specialist VT ablation service as well as basic and complex ablation supported by advanced technologies (CARTO: Smart Touch, PASO and Confidence; Velocity and ESI array; and Cryoaablation technologies including ARCTIC Front). We are the highest volume users of cryoablation therapy and cryoballoon on the NHS. There are also plans for major investment in new technological platforms to support our ongoing and developing research interests in clinical and invasive electrophysiology. These include AF ablation, epicardial VT ablation and novel EP studies and epicardial ablation in the Brugada syndrome.

Device therapy for prevention of sudden death consists of standard transvenous and cardiac resynchronisation therapy for heart failure as well as subcutaneous ICD implantation. Lead extraction services are provided to the region including Surrey with excellent outcomes. Our pacing and ICD clinics are delivered by a superb physiology team lead and trained by Mrs Sue Jones with a routine pre-counselling service and a 24/7 service dedicated to patient support and advice. This post is expected to contribute significantly to these activities and assist with further service development.

Inherited Cardiac Conditions Clinic
The Inherited Cardiac Conditions (ICC) clinics provide a nationally and internationally recognised expert service to South-West London receiving supra-regional referrals from Surrey and the UK including an outreach specialist service to Belfast, Northern Ireland. This consists of 5-6 clinics per week supported by research fellows and led by Dr Elijah Behr, Professor Sanjay Sharma and Dr Maite Tome providing an integrated ‘one-stop’ shop assessment from a multi-disciplinary team in accordance with Chapter 8 of the National Service Framework. The aim is to identify individuals who are symptomatic and/or at risk of sudden death from inherited conditions and treat them appropriately, including specialist ICD implantation, ablation and surgical therapies.

We have a close relationship with the charity Cardiac Risk in the Young (CRY) with a focus on families with unexplained sudden deaths (SADS) receiving approximately 100 such family referrals a year. This is underpinned by Professor Mary Sheppard, the pre-eminent cardiac pathologist in the country, who undertakes over 500 expert cardiac autopsies per year in the CRY Centre for Cardiac Pathology, St
George’s University of London, and collaborates clinically and academically with the cardiology team. We also provide expertise in the management and research of ion channel diseases such as the long QT and Brugada syndromes and cardiomyopathies such as arrhythmogenic right ventricular cardiomyopathy (ARVC), hypertrophic cardiomyopathy (HCM) and dilated cardiomyopathy. We provide a full aortopathy service with an associated research program led by Dr Tome and Dr Child as well as aortic surgery and myectomy services, both supported by specialist surgeons. There are two full-time genetic nurses attached to the clinic with a third planned together with a clinic coordinator. Genetic services are provided by the multi-disciplinary team supported by a nurse genetics counsellor and Dr Tessa Homfray and Dr Anand Saggar (Medical Genetics). They work closely alongside the clinics with monthly meetings and joint parallel lists to facilitate appropriate use of diagnostic genetic analysis and cascade testing. There are monthly joint Paediatric ion channelopathy clinics (Dr Jan Till, Royal Brompton Hospital) and Dr Tome provides an outpatient child and adolescent transition service for cardiomyopathy.

**Sports Cardiology**
St George’s runs the only dedicated sports cardiology clinic in the UK, led by Professor Sanjay Sharma. The clinic is sponsored by CRY and serves the Football Association, Premier Rugby League and Union, the Lawn Tennis Association and the English Institute of Sport. The predominant aim of the clinic is to manage athletes with cardiac conditions, to differentiate cardiac changes from physiological adaptation to exercise from cardiac pathology.

**Heart Failure Clinic**
The one-stop heart failure diagnostic clinic is run by Dr Lisa Anderson, Dr Nesan Shanmugan and Dr Robin Ray, accepting local and tertiary referrals and acting as a triage point to direct patients to the most appropriate treatment strategies:

- **Medical therapy**
  - Community based and delivered via a network of heart failure specialist nurses across the local and southern counties PCTs

- **Electrophysiological intervention**
  - CRT
  - CRT-D
  - Atrial fibrillation, ventricular tachycardia and AV node ablation

- **Revascularisation**
  - Minimally invasive off-pump bypass surgery
  - High risk percutaneous coronary intervention (PCI)

- **Patient with valvular disease**
  - Valve surgery
  - Percutaneous valve replacement programme (TAVI)

The service benefits from an excellent echocardiography department and all patients have full assessment on the day, including when necessary dyssynchrony and trans-oesophageal (TOE) echocardiographic studies. As well as ready access to electrophysiological, surgical and interventional colleagues the extended multidisciplinary team includes the pulmonary hypertension service, sleep clinic, respiratory and renal physicians. Cardiac magnetic resonance imaging is also a vital clinical component of the heart failure/cardiomyopathy service and is performed on-site. The clinic also provides for clinical and translational research in heart failure and CRT.
Echocardiography Department

The Echocardiography Department (clinical lead Dr Raj Sharma) at St George’s was founded in 1971 and has developed a national and international reputation. The Department is one of the largest in the United Kingdom and performs annually some 20,000 transthoracic echocardiograms, 1250 stress echocardiograms and some 600 transoesophageal studies. The Department is also actively involved in cardiac ultrasound studies to determine suitability for CRT and in co-ordinating CRT optimisation. Specific clinics are held for the latter. The Department is staffed by one lead Cardiac Physiologist, four Band 7 Cardiac Physiologists, three Band 6 Physiologists and one clinical fellow who co-ordinates the stress echo sessions. At any one time there are 1 or 2 international clinical fellows. All are full time Echo Technicians. The Department has four vivid E9 machines, five Vivid 7 cardiac ultrasound machines, three portable Vivid I machines and two Phillips IE33 machines. All the ultrasound machines are fully digital and integrated into a local Echo Pac network which provides for digital review, analysis, storage and transmission of patient data. Stress echo sessions are performed using pharmacological agents, treadmill, reclining bicycle or pacing depending on the clinical question. Ischaemia, viability, cardiomyopathy and valve disease patient are routinely assessed. Three Dimensional Echocardiography, contrast and perfusion and deformation imaging are provided for clinical and academic purposes.

During the past five years the Department has been active in research publications and produced over 60 index medicus cited publications in various fields including Stress Echocardiography, three dimensional echocardiography, Strain/Strain Rate Imaging, Cardiomyopathy, Ventricular Function, Valve Disease and Ultrasound Criteria for CRT Selection. The department works closely inherited heart disease and structural heart disease groups both clinically and academically. There is a one stop open access echocardiography service. All images are reviewed by the echo consultant and appropriate clinical recommendations made. There are three technician led valve clinics each week.

Interventional Cardiology

Interventional cardiology service at St Georges Hospital is provided by 4 in house and 8 visiting consultant interventionists and comprises elective, urgent and emergency primary percutaneous coronary intervention; structural heart intervention including atrial septal defect, patent foramen ovale and post-infarct VSD closure, aortic and mitral valvuloplasty and transcatheter aortic valve implantation. In 2012 the unit undertook over 3000 diagnostic angiograms, 1800 angioplasties (including 512 primary angioplasties for acute myocardial infarction), 70 ASD/PFO closure procedures and 40 transcatheter aortic valve implantations. The primary PCI programme is busy and includes part of the Surrey Ambulance catchment areas. The complete range of adjunctive procedures are available including intravascular ultrasound, rotational atherectomy and equipment for retrograde CTO angioplasty.

Consultant Staff of the Cardiology Clinical Academic Group

Dr Stephen Brecker          Chief of Cardiology
Professor Sanjay Sharma     Head of Research
Dr Raj Sharma                Head of Clinical Service
Dr Lisa Anderson             Head of Audit & Governance
Dr Robin Ray                 Head of Education

Electrophysiology Group

Dr Elijah Behr               Arrhythmias, Electrophysiology and Inherited Cardiac Conditions
Professor A John Camm        Arrhythmias and Electrophysiology
Dr Mark Gallagher            Arrhythmias and Electrophysiology
Dr Magdi Saba                Arrhythmias and Electrophysiology
Dr David Ward  Arrhythmias and Electrophysiology

**Intervention and Coronary Artery Disease Group**
Dr Zoe Astroulakis  Interventional Cardiology
Dr Stephen Brecker  Structural Intervention
Dr Pitt Lim  Interventional Cardiology
Dr Sam Firoozi  Interventional Cardiology
Prof Juan-Carlos Kaski  Microvascular angina and coronary artery disease
Professor Abhiram Prasad  Interventional Cardiology

**Heart Failure & Imaging Group**
Dr Lisa Anderson  Heart Failure and Cardiovascular Magnetic Resonance Imaging
Dr Nick Bunce  Cardiovascular Magnetic Resonance Imaging
Dr Robin Ray  Heart Failure and Cardiac Imaging
Dr Raj Sharma  Echocardiography
Dr Nesan Shanmugan  Heart Failure and Cardiac Imaging

**Inherited Cardiac Conditions Group**
Dr Elijah Behr  *as above*
Prof Sanjay Sharma  Sports Cardiology and Inherited Cardiac Conditions
Professor Mary Sheppard  Cardiac pathology
Dr Maite Tome  Inherited Cardiac Conditions including aortopathy
Dr Anne Child  Aortopathy research

In addition there are 13 cardiologists who currently use St George’s as their tertiary base but are primarily based at other hospitals in SW London and Surrey/Sussex:

St Helier  Dr Richard Bogle, Dr U Prasad, Dr Abhay Bajpai
Frimley Park  Dr Sudhir Rathore, Dr Matt Faircloth, Dr Mark Norman
St Peter’s  Dr Adam Jacques, Dr Riyaz Kaba
Royal Surrey County  Dr TP Chua, Dr Mike Hickman, Dr Zia Zubberi
East Surrey  Dr James Sneddon, Dr Rashid Iqbal

Consultant Staff of the Cardiac and Thoracic Surgical Departments
Mr V Chandrasekaran  Cardiac Surgery
Prof Marjan Jahangiri  Cardiac Surgery
Mr Robin Kanagasabay  Cardiac and Thoracic Surgery
Mr Mazim Sarsam  Cardiac Surgery
Mr Ian Hunt  Thoracic Surgery
Ms Carol Tan  Thoracic Surgery
Mr Madham Kuppusamy  Thoracic Surgery
Mr Justin Nowell  Cardiac Surgery
Mr Momin Aziz  Cardiac Surgery

This job description is not an exhaustive document but is a reflection of the current position. Details and emphasis may change in line with service needs after consultation with the postholder.

St George’s Healthcare NHS Trust is an Equal Opportunities employer and operates a No Smoking Policy.
## Person Specification
**Job Title:** Cardiology Registrar (LAS)

<table>
<thead>
<tr>
<th>Factor</th>
<th>Essential</th>
<th>Desirable</th>
<th>Method of Assessment</th>
</tr>
</thead>
</table>
| **Qualifications and Training** | MBBS (or equivalent)  
MRCP (or equivalent)  
ALS (or equivalent) |                                                | A / A                |
| **Experience**             | CMT rotation (or equivalent)  
Training post in Cardiology | Track record in teaching and training. | A / I                |
| **Skills**                 | Basic echocardiography  
Basic coronary angiography  
Temporary pacemaker insertion | BSE accreditation in transthoracic echocardiography  
Competent in coronary angiography | A/I                  |
| **Knowledge**              | ECG interpretation  
Acute and chronic management of cardiology patients |                                                | I                    |
| **Other**                  | Commitment to training and audit.  
Interpersonal skills, flexibility  
Communication skills, leadership | Publications  
Research experience | A/I                  |

**Key:**
I = Interview  
A = Application Form  
T = Practical Test