



# **Consultant in Cardiac Surgery with a Specialist Interest in Septal Myectomy and Digital Remote Monitoring**

## **Job Description**

Date: 10.01.2024



# Barts Heart Centre

## CONTEXT

**In October 2014, NHS England approved the case for change for the way that specialist cardiovascular services are provided across north and east London, enabling the creation of the Barts Heart Centre. The Barts Heart Centre brings together the services and staff from the London Chest Hospital and UCLH's The Heart Hospital, along with those already running at St Bartholomew's.**

**It is the largest specialist cardiovascular centre in the country, bringing together a wide range of expertise in clinical care, research and education for cardiovascular conditions.**

With state-of-the-art facilities, the Barts Heart Centre has 10 operating theatres, 10 catheter labs, 250 general cardiac beds and 58 critical care beds, and performs more heart surgery, MRI and CT scans than any other centre in the UK. It is Europe's largest specialised cardiovascular centre, covering a population of three million people across north and east London, west Essex and beyond. It also creates the world's biggest centre of excellence for adults with congenital heart disease.

As well as outpatients, emergency services are provided 24/7 by expert multi-disciplinary teams and because there are larger pools of expert staff, more services are provided for patients seven days a week and for more hours of the day, providing prompt access to treatment in all departments and helping reduce waits and cancellations. Patients will also be able to take part in a wider range of clinical trials, knowing they will be treated by teams working at the forefront of innovation.

The Barts Heart Centre is also, crucially, part of a wider network of cardiovascular provision delivered by Barts Health, including services at Newham, The Royal London, Whipps Cross, and University College London Hospital. The specialist Barts Heart Centre will work with these and other hospitals in the area to provide a comprehensive network of care for patients, and ensure that the majority of care is provided as close to home as possible.

Our vision is to create a world-class health organisation that builds on strong relations with our partners and the communities we serve – one dedicated to ending the historic health inequalities in east London. We will build an international reputation for excellence in patient care, research and education. And as members of UCLPartners, the largest academic health sciences system in the world, we will ensure that our patients are some of the first in the country to benefit from the latest drugs and treatments. We are looking for the best talent to lead our ambitious new healthcare organisation. In return, Barts Health will provide unsurpassed professional development opportunities, enabling investment in a range of new initiatives that would mean:

- Doctors and Nurses in training will be able to gain experience in different hospitals along the whole patient pathway;
- There will be greater opportunity for career progression – we will retain good staff who might otherwise leave to gain promotion;
- Becoming world-class will enable us to recruit some of the best doctors and researchers in the world – who can share their knowledge and experience;
- Joining forces with other partners in an Academic Health Science System will mean that staff would be able to secure funds and pool their talents to develop new technology, techniques and treatments.

## Consultant in Cardiac Surgery with a Specialist Interest in Septal Myectomy and Digital Remote Monitoring

|                                     |   |
|-------------------------------------|---|
| <b>Title of Post:</b>               | Consultant in Cardiac Surgery with a Specialist Interest in Septal Myectomy |
| <b>Nature of Appointment:</b>       | Full Time   |
| <b>No of Programmed Activities:</b> | 10  |
| <b>Responsible to:</b>              | Clinical Director of Surgery  |
| <b>Accountable to:</b>              | Group Director, Cardiovascular CAG  |
| <b>Employing Authority:</b>         | Barts Health NHS Trust  |

### SUMMARY:

**Barts Health** is looking for a substantive Consultant in Cardiac Surgery with a Specialist Interest in Septal Myectomy. This is an exciting new position with the opportunity for the successful applicant to join the already successful multidisciplinary septal myectomy team and help further develop the programme. In addition, a working knowledge of informatics and virtual patient monitoring would help support and improve efficiency. This will be one of several areas of specialist expertise to which the new surgical department is committed. The successful candidate will be based at the Barts Heart Centre, in the KGV building at St Bartholomew's Hospital.

The Barts Heart Centre is the merged cardiothoracic units of Barts Health (London Chest and St Bartholomew's/QE II site) and the cardiac unit at the Heart Hospital. The Heart Centre performed 2000 adult cardiac surgical cases in the first year and has a projected case load of 3000 cases within 5 years. In its current capacity, it is the largest cardiac surgical unit in the UK. There is currently a team of 18 substantive consultant cardiac surgeons. This workforce includes 2 consultant congenital surgeons in partnership with Great Ormond Street Hospital who deliver the Grown Up Congenital Heart (GUCH) surgical service which currently performs around 100 cases per year.

The co-located and expanding Thoracic surgical department now performs over 1000 cases per year.

The final two theatres of ten opened in November 2016 and offer additionally a state of the art hybrid theatre and a further theatre to accommodate robotic cardiac and thoracic surgery.

The successful candidate will have the opportunity to direct and participate in cardiovascular academic research at the William Harvey Institute.

The advertised consultant cardiac surgical post attracts 10 PA's which will be **8 DCCs' and 2 SPAs'**. The on-call commitment will be a 1:14 adult cardiac surgical rota and an aortic dissection rota of 1:7.

The successful candidate will need to demonstrate professional excellence, leadership and the ability to deliver effective care. He/she will need to agree levels of activity and throughput with the Clinical Director of Surgery.

The successful candidate will be required to adhere to the Trust's policy on Maintaining Medical Excellence and to be committed to maintaining their standard of performance by keeping their knowledge and skills up to date.

**Please contact: Mr Kulvinder Lall, Clinical Lead for Surgery or Mr Stephen Edmondson, Director of Surgery on 0203 765 8839 in order to arrange a visit or for further discussion about the role after shortlisting has occurred.**

## Part 1 JOB DESCRIPTION

### General Duties

1. Continuing responsibility for the care of patients in his/her charge, including all administrative duties associated with patient care.
2. Leadership, development and organisation of the services in his/her charge in line with the Trust's business plans. Liaison and communication with the Clinical Director, the General Manager and the CAG Group Director.
3. Corporate and individual responsibility for the professional management of doctors in training.

### Duties of the Post

1. The post holder will, together with consultant colleagues, be responsible for the provision of cardiac & septal myectomy surgical services to Barts Health.
2. An additional role is to deliver and further develop a new Virtual Ward service using an established digital platform and expand its usage to our referring hospitals.
3. To enhance and further develop a world class septal myectomy service
4. Participate in the multidisciplinary Inherited Cardiovascular Disease team, contributing to the development of complex treatments, innovations and research
5. To undertake 2 days of operating.
6. The consultant clinical responsibilities which are involved in patient care including participation in the Consultant of the Week rota.
7. Once clinic per week with new and follow-up outpatients.
4. To provide diagnosis and treatment of patients in hospitals and clinics within the Trust
5. To provide evidence-based care for all patients.
6. To liaise effectively and on a timely basis with colleagues, managers, general practitioners, community services, and all healthcare agencies.
7. To maintain and promote team and multi-disciplinary work, working particularly closely and regularly with existing post-holders
8. To participate fully in the management of the department and to liaise closely with the general manager and the Clinical and CAG Group Director and management team.

### On-Call Commitments

General cardiac surgical on-call is currently performed by 18 of the cardiac surgeons. The successful post holder will be expected to undertake on-call cover usually for 1 day in a 2 week cycle and 1:14 weekends. There is a separate on-call aortic dissection rota which currently has a frequency 1:7. The successful candidate will have equitable working conditions to their colleagues.

Trauma services at the Royal London are covered by dedicated trauma surgeons and if there is a need for cardiothoracic surgery, this will, ordinarily, be covered by the thoracic surgeons working from the Thorax Centre also located in the KGV building.

### **Accountability**

The appointee will have full professional independence on medical matters but will be managerially accountable to the Trust and the Chief Executive, through his/her Clinical Director /CAG Director.

### **Clinical Governance**

The post holder is expected to participate in the Trust's clinical effectiveness activities, and to encourage and foster improvements in the quality and standards of clinical services. The post-holder will assist with the safeguarding of high standards of care by participating in the creation of an environment in which excellence in clinical care will flourish.

### **Continuing Professional Development, Continuing Medical Education**

The Trust supports the requirements for Continuing Professional Development and Continuing Medical Education activities, in line with the requirements of the GMC and Society of Cardiothoracic Surgeons, and is committed to providing time and financial support for these activities.

The post-holder will be expected to be committed to the concept of lifelong learning and produce and maintain a Personal Development Plan in agreement with the Clinical Director /CAG Director.

Study leave is available as provided for under the Terms and Conditions of Service for Hospital Medical and Dental staff, subject to the approval of the Clinical Director /CAG Director.

### **Revalidation**

The Trust supports activities and processes required to be undertaken by the surgeon to demonstrate to the GMC that they are up to date and fit to practise. The Trust has the required arrangements in place to ensure that all surgeons have an annual appraisal with a trained appraiser and supports surgeons going through the revalidation process, for which time will be scheduled in the job plan.

### **Mentoring**

The Trust will offer every new consultant a mentorship scheme to help the consultant settle into work as easily as possible, particularly, if the consultant wishes to develop a super specialty interest. The department has surgeons with interests in all super specialties and there are already existing mentorship schemes in various super specialty interests.

### **Teaching and Training**

The Trust is committed to sustaining and advancing the provision of medical, dental, nursing and other professional education and to the delivery of high quality postgraduate and undergraduate training.

The post-holder will be expected to participate fully in the education of undergraduate medical students, health professionals and postgraduate doctors across the Trust. This will involve specific timetables and regular teaching commitments agreed with the Lead Surgeon/CAU Director, and supervised by the Unit Training Director and Educational Supervisors.

### **Research and Development**

The post holder will be expected to help develop the clinical research portfolio and a culture of cardiac surgical research in the department, with collaboration and active engagement of the local and regional research networks and institutions.

Research will be carried out under the guidance of the Research and Development department and in line with Trust policies.

### **Equal Opportunities**

The post holder must at all times carry out responsibilities and duties with due regard to the Trust's Equal Opportunities Policy.

### **Health and Safety**

The post holder is expected to undertake the appropriate management responsibilities, and be aware of individual responsibilities in accordance with the Trust's Health and Safety policy and report as necessary, any untoward accident, incident or potentially hazardous environment. The post holder will promote and implement the Health and Safety Policy. The Trust operates a No Smoking Policy.

### **Infection Prevention and Control Roles and Responsibilities**

- To adhere to Trust policy and infection control principles and standards to minimise patient risk and ensure high quality patient care.
- Undertake appropriate training and practice to ensure you (and your teams) have the right skills and are competent.
- Are responsible for keeping the environment clutter free, clean and raising issues of concern in the interest of staff and patient safety.
- Ensure high cleaning standards to prevent infection and increase patient's confidence.
- With others, support and develop evidence based clinical practices consistent with national guidance.
- Advise and support the Director of Infection Control and Prevention (DIPC), Deputy DIPC and infection control team in achieving their objectives and fulfilling their responsibilities
- Advise and support Divisional and CAU Infection Control leads

### **Salary and Conditions of Service**

The post is offered under the New Consultant Contract (2003). It is subject to the Terms and Conditions of Service of Hospital Medical and Dental Staff (England and Wales), to the General Whitley Council Conditions of Service, and to the National Health Service Pension Regulations.

Due to the nature of the work in this post, it is exempt from the provision of section 4 (2) of the Rehabilitation of Offenders Act 1974, by virtue of the Rehabilitation of Offenders Act 1974 (Exemption Order 1975).

Applicants are therefore not entitled to withhold information about convictions, including those, which for other purposes are "spent", under the provisions of the Act, and are required to disclose convictions including those pending, to the Trust. Failure to disclose such information may result in dismissal or disciplinary action.

The successful candidate will normally be required to live within 30 minutes travel time of the Trust.

### **Leave**

Annual leave will be taken as per the current guidelines (currently 32 days until after 7 years service when this would be 34 days and worked Bank Holidays). Study leave will also be available. Notice must be taken of the Trust and Departmental Guidelines regarding leave must be adhered to with 6 weeks notice given.

### **Further Information from**

Prospective candidates are encouraged to visit the Trust, which may be arranged by contacting the following:

Mr Kulvinder Lall [kulvinder.lall@nhs.net](mailto:kulvinder.lall@nhs.net)

Mr Alex Shipolini [alex.shipolini@nhs.net](mailto:alex.shipolini@nhs.net)

### **Other Aspects of the Post / Additional Information**

The above is an outline only. It is not exhaustive and may be altered from time to time in accordance with the needs of the Service. The post holder will be required to be co-operative and flexible in accordance with the needs of the service.

## Part 2 The Trust and the Department

### Clinical Academic Groups

In conjunction with the Medical School, the Trust completed a restructure of the previous Directorate structure to create 4 Clinical Academic Groups for which Cancer and Cardiovascular is one and comprises the Departments of Cancer, Cardiology, Cardiac Surgery, Thoracic Surgery, Critical Care and Vascular Surgery.

### Cardiovascular CAG Management Team

|                   |                         |
|-------------------|-------------------------|
| Dr Charles Knight | Group Director          |
| Ian Haig          | CAG Operations Director |
| Heather Byers     | Divisional Nurse        |

### Cardiac Surgery Management Team

|                      |                                   |
|----------------------|-----------------------------------|
| Mr Stephen Edmondson | Clinical Director for Surgery     |
| Mr Kulvinder Lall    | Clinical Lead for Cardiac Surgery |
| Mr Jonathan Kelly    | General Manager                   |

### Cardiac Surgical Unit

The Barts Heart Centre is the product of the merger of Cardiac surgical services at Barts Health (London Chest Hospital and St Bartholomew's Hospital) and the Heart Hospital.

Barts Health NHS Trust is committed to a model of surgical management which involves clinicians. The Cardiac surgical department is part of the Cardiovascular and Thoracic Surgical Departments which forms part of the Cardiovascular Clinical Academic Group. The department and division work closely with the School of Medicine and Dentistry and the William Harvey Institute to promote clinical translational research. We also have well established links with referring district general hospitals and are committed to providing high quality specialist cardiac services for the whole population of NE London and to work with the Network and partner DGH's to continue to improve access to cardiac care. Barts Health is committed to achieving Foundation Trust status.

### Cardiology and Cardiac Facilities at The Barts Heart Centre

- Cardiologists who run intervention and electrophysiology
- The busiest Heart Attack centre (HAC) and HAC-X service in London
- MRI scanners – full cardiac specification
- 10 digital angiography laboratories, fully equipped for diagnostic and interventional cardiology (including 2 hybrid labs)

### Rehabilitation

A comprehensive rehabilitation programme is provided, supported by senior nurses.

### Undergraduate Education

The Cardiac Surgical Department is responsible for the education of undergraduate medical students from Queen Mary University London (historically St Bartholomew's and The Royal London hospital medical schools). We also accept students from other parts of the UK and elsewhere in the world for elective periods.

### Postgraduate Education

Education and training for our medical staff is given high priority at Barts Health. The Postgraduate meetings, courses and workshops are open to all the hospital junior staff who are encouraged to attend and participate in the programme.

### Audit

Audit is well established and takes place once a month (in association with the regular teaching day) and looks at specific clinical activities. The meetings are chaired by one of the consultant surgeons and presentations are given by junior staff in rotation. There is also a monthly formal clinical governance and



performance review meeting. Joint audit meetings between the departments of cardiac surgery, cardiology, and perioperative medicine within the Trust are well established.

### **Referral Patterns**

The Barts Heart Centre now serves the population of North East London (City and Hackney, Tower Hamlet PCT's), Barking and Redbridge, North Central London (Royal Free, Barnet and Chase Farm, North Middlesex), Reading and East Surrey and operates as the hub of this extensive Clinical Network with a large number of departments in DGH's co-operating with the tertiary referral centre.

### **Consultant Surgeons**

Mr Kulvinder Lall, Clinical Director for Surgery

Mr Benjamin Adams  
Mr Dincer Aktuerk  
Mr Shirish Ambekar  
Mr Wael Awad  
Mr Carmelo DiSalvo  
Mr Shyam Kolvekar  
Mr David Lawrence  
Ms Lopez-Marco  
Professor Aung Oo  
Mr Neil Roberts  
Mr Amir Sheikh  
Mr Alex Shipolini  
Prof Victor Tsang  
Prof Rakesh Uppal  
Mr Kit Wong  
Mr John Yap

### **Junior Staff**

There are 24 Registrars (5 NTN's), 11 SHO's, 10 Surgical Care Practitioners and 3 Surgical Nurse Practitioners

### **Other staff and facilities**

- Each consultant will have a secretary who will provide secretarial support for their clinical practice and administrative work.
- There are offices in the theatre complex for the use of consultants and a further extension of administrative offices at St Martin Le Grand.
- Planning of the surgeon's list will be assisted by a management team (SPOC) which is co-located with the surgical offices within the theatre complex.
- Non-Medical personnel (Surgical Care Practitioners, Pharmacy Technicians, Surgical Nurse Practitioners, Advanced Nurse Practitioners) will be equally shared to assist all the surgeons.
- There is a computerised hospital patient administration system, and Electronic Patient Record System and there is administrative support to facilitate the consultant's participation in national and local audits and registries.
- There is a PACS system for imaging, with high quality viewing screens available in all clinical areas and the surgical offices.

## Part 3 The Post

Barts Trust will employ the successful candidate on a 10 programmed activity contract; the split is 8 DCC and 2 SPA. He or she will be expected to work at the Barts Heart Centre and, very rarely, be asked to review patients at the Royal London Hospital.

The general on-call commitment is 1:14, but if the successful candidate wishes to participate in the aortic dissection rota (and demonstrates willing and competence in this field), this is an additional 1:10 commitment. When the consultant is off-site or not on-call, his consultant on-call colleagues will be responsible to cover any problems / issues.

The job plan has 2 SPAs, but will be reviewed on appointment of the successful candidate who may require further SPAs to fulfil commitments for other non-clinical duties or activities deemed desirable to the Department / CAG or Trust. If there is no change in allocation of SPAs, the job plan will be reviewed within 6-12 months of starting the post so that additional SPA or DCC can be allocated should any additional activities have been undertaken by the appointee.

The new appointment will have equity within the department with fixed clinical commitments (2 regular fixed operating days, clinics, ward rounds, MDT) and allocation for SPA time. The prospective timetable below and the core activities illustrated (clinical and non-clinical) are identical to that of the incumbent surgeons. This job plan will be reviewed within 6 months of commencement.

An outline weekly timetable, illustrating the fixed commitments only, is given below. This timetable is subject to review on appointment:

### **PROSPECTIVE TIMETABLE – Consultant Cardiac Surgeon**

|           |             | <b>Description</b>                   | <b>Frequency</b> | <b>Location</b> | <b>DCC</b> | <b>PA's</b> |
|-----------|-------------|--------------------------------------|------------------|-----------------|------------|-------------|
| Monday    | 09:00-13:00 | <b>Theatre</b>                       | <b>Weekly</b>    | <b>BHC</b>      | <b>DCC</b> | <b>3</b>    |
| Tuesday   | 07:30-17:00 | <b>Admin</b>                         | <b>Weekly</b>    | <b>BHC</b>      | <b>SPA</b> | <b>1</b>    |
| Wednesday | 08:00-09:00 | <b>MDT</b>                           | <b>Weekly</b>    | <b>BHC</b>      | <b>DCC</b> | <b>0.25</b> |
| Wednesday | 09:00-11:00 | <b>Ward Round</b>                    | <b>Weekly</b>    | <b>BHC</b>      | <b>DCC</b> | <b>0.5</b>  |
| Thursday  | 07:30-17:00 | <b>Theatre<br/>(Alternate weeks)</b> | <b>Weekly</b>    | <b>BHC</b>      | <b>DCC</b> | <b>1.5</b>  |
| Friday    | 08:00-09:00 | <b>Ward Round</b>                    | <b>Weekly</b>    | <b>BHC</b>      | <b>DCC</b> | <b>0.25</b> |
|           | 09:00-13:00 | <b>Clinic<br/>(Alternate weeks)</b>  | <b>Weekly</b>    | <b>BHC</b>      | <b>DCC</b> | <b>0.5</b>  |
|           | 13:00-17:00 | <b>Admin</b>                         | <b>Weekly</b>    | <b>BHC</b>      | <b>SPA</b> | <b>1</b>    |

**B: Any other dcc/spa programmed activities not captured in table A**

**C: On-call commitment. 1:14 2PA (Category A 5%)**

**D: External duties and additional NHS responsibilities. None**

| <b>E: Total average number of programmed activities worked weekly</b> |    |
|---|----|
| Direct clinical care  | 8  |
| Supporting professional activity                                      | 2  |
| External duties   | 0  |
| Additional NHS responsibilities                                       | 0  |
| Total   | 10 |

## Part 4 Person Specification

**Post: Consultant Cardiac Surgeon**  
**Base Hospital: Barts Heart Centre**

|                             | Essential   | Desirable   |
|-----------------------------|---|---|
| Qualifications              | MB BS, or equivalent<br>FRCS(CTh) or equivalent<br>On GMC Specialist Register for cardiothoracic surgery or within 6 months of attaining CCT.   | Higher Research Degree<br>MD or PhD   |
| Clinical Experience         | Comprehensive training in Adult Cardiac Surgery in dedicated units.   | Demonstrative subspeciality experience in Septal Myectomy surgery<br><br>Demonstrate experience in perioperative management of patients with hypertrophic cardiomyopathy<br><br>International fellowship in cardiac surgery |
| Management/Audit Experience | Able to provide evidence of clinical audit and demonstrate understanding of impact and challenges this brings.<br><br>Ability to demonstrate knowledge and awareness of current and future NHS challenges and strategy.<br><br>Ability to support team members in business planning via collaboration and discussion. | Evidence of innovative approaches to healthcare<br><br>Clinical guideline development<br><br>Management course  |
| Academic Achievements       | Ability to demonstrate personal experience of academic research and describe and discuss findings and impact.   | PhD/ MD Thesis  |
| Research                    | Experience of research, presentations to learned societies on topics related to general thoracic surgery<br><br>Ability to apply research outcomes to clinical/surgical problems  | Ability to supervise research<br><br>Completed Train-The-Trainers or equivalent course  |
| Publications                | Peer-reviewed publications in indexed journals.   |   |

|                    |  |                     |
|--------------------|--|---------------------|
| Teaching/Training  | Experience teaching and training undergraduates, junior doctors and allied professionals   |                     |
| Personal Skills    | <p>Excellent presentational and verbal skills.</p> <p>IT skills and computer literacy</p> <p>Ability to motivate and develop medical trainees.</p> <p>Ability to manage time well to deliver objectives of the CAU</p> <p>Awareness of best practice through evidence based medicine, and personal drive to enact the change with the team</p>   | Database management |
| Personal Qualities | <p>Self motivated with an enquiring, critical approach to work.</p> <p>Ability to work under pressure<br/>Caring attitude to patients.</p> <p>Commitment to continuing medical education.</p> <p>Willingness to undertake additional professional responsibilities at local, regional or national level.</p> <p>Collegiate approach to work and colleagues</p> <p>Ability to drive change through collaboration and consultation with key stakeholders.</p> <p>Willingness to challenge the norm in a positive manner while building a team ethos, to deliver consistently high levels of care for patients in a productive and cost effective manner.</p> |                     |