



London Bridge Hospital

## CARDIAC SERVICES

Integrated cardiac services from an internationally renowned hospital



# Cardiac Services

At London Bridge Hospital we provide a wide range of diagnostic services and treatments for cardiac patients. Our Cardiac Services are recognised nationally and internationally for clinical expertise, rapid assessment and customised care. We offer the very best facilities with extensive clinical back-up at one of the UK's largest private hospitals.

## An Integrated Approach

Our Cardiac Services incorporate various specialist units, catheter labs and theatres. We operate on an integrated basis, working as a team to deliver a bespoke plan of care for each patient. All clinical services are conducted at one London location for quick, easy access, reducing the need for multiple appointments.

## Quality Care

- Acute, complex and chronic cardiac treatment
- Comprehensive pharmacy service
- Coordinated cardiac treatment programmes
- Dedicated dietetics service for cardiac patients
- Excellent clinical outcomes
- Low MRSA infection rates
- On-site renal dialysis unit and team
- Rapid patient assessment and diagnosis
- Specialists from London's leading teaching hospitals
- Strong clinical governance and audit outcomes



## Cardiology Outpatient Services

A team of highly skilled physiologists work alongside cardiologists to provide a service offering diagnosis of hypertension, chest pain and arrhythmia. We can perform tests including:

- 24-hour and 7-day ambulatory ECG monitoring
- 24-hour blood pressure monitoring
- Cardiac ultrasound
- ECG
- Echocardiography
- Exercise testing
- Myocardial perfusion scanning
- Stress echocardiography
- Tilt table testing
- Trans-telephonic event recording

We can also provide follow-up treatments for patients with implantable pacemakers, defibrillators, biventricular and resynchronisation therapy devices.

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or visit [www.londonbridgehospital.com](http://www.londonbridgehospital.com)



## The Cardiopulmonary Centre

This centre comprises three Masterscreen Cardiopulmonary Exercise (CPX) systems with a full lung function suite for complete diagnostic analysis of dyspnoea.

### We offer:

- Effective measurement protocols to minimise dyspnoea for patients with pacemakers
- Functional added value for patients – return to activity, fitness to fly, sleep assessment
- Quantifiable pre-operative risk assessment for doctors and anaesthetists prior to undertaking cardiac procedures
- Unique diagnosis of complex respiratory/cardiac co-morbidity patients

### Key benefits:

- Advanced and accurate lung function testing
- Highly qualified cardiac/respiratory staff skilled in complex CPX analysis
- Full respiratory assessment – bronchial provocation, heart failure management
- Fully networked reporting system – results instantly available to specialists



## Imaging Services

Patients can expect to receive the very latest techniques for the non-invasive assessment of the function and structure of the cardiovascular system. We have state-of-the-art equipment and use only specialist radiologists and cardiologists to interpret scans and generate reports.

### Services offered include:

- Aortic ultrasound
- Cardiac MRI (stress and rest)
- Carotid and deep venous/arterial scans
- CT aorta
- CT coronary angiography – provides a non-invasive alternative to standard coronary angiography
- CT coronary calcium scoring
- Nuclear Medicine myocardial perfusion scanning (stress and rest)

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## Angiography/Catheter Lab Services

Conditions such as aneurysm, arteriovenous malformation and arterial stenosis, as well as tumours and clots, can all be diagnosed with angiograms performed by our highly skilled team. They can also provide related procedures as treatment for patients under the care of cardiac Consultants.

### Services offered include:

- AF management including radio frequency ablation with Hansen Robot™ and cryoablation
- Cardioversions
- Coronary angiography
- Coronary angioplasty
- Electrophysiological studies and ablation
- Implantable Cardioverter Defibrillators (ICD) including biventricular
- Implantable loop recorder
- Insertion of left atrial appendage closure device
- Pericardial aspiration
- Permanent pacing (including biventricular pacing)
- Related radiological procedures
- Structural disease reconstruction (TAVI, PFO, ASD closure, mitral clipping)
- Vascular disease (AAA)



## Cardiac Surgery

The highly skilled team of surgical nurses, anaesthetic practitioners and perfusionists facilitate the range of surgical procedures which our leading surgeons are able to perform.

- Aortic root surgery
- Aortic valve sparing root surgery
- Ascending and arch aortic surgery
- Cardiac tumour surgery
- Complex mitral valve repair
- Coronary artery bypass surgery
- Endoscopic coronary artery bypass grafting
- Minimal access aortic surgery
- Renal/cardiac tumour surgery
- Surgical atrial fibrillation ablation
- Thoraco-abdominal aortic aneurysm repair
- Transcatheter Aortic Valve Implantation (TAVI)
- Valve replacement surgery: aortic, mitral, tricuspid and pulmonary

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## Clinical Nurse Specialists (CNS)

Working alongside Consultants, Cardiac Services has a number of highly specialist nurses who provide excellent support to patients and their families.

### **These include:**

- Arrhythmia CNS
- Interventional Cardiology CNS
- Rehabilitation CNS

These specialist nurses provide care and a dedicated point of contact from pre-admission to post discharge.

### **Pre-Admission Care**

Our CNS team will contact patients prior to admission and provide:

- Individual contact by email, telephone or text message
- Tailored advice about patient's condition and hospital admission
- Information and guidance regarding medication to be taken prior to admission
- Assistance with discharge planning
- Patient support to answer any questions or queries prior to admission



## During Your Stay

During admission, a dedicated CNS will work alongside the ward nurses and Consultant to keep the patient informed about their ongoing condition, to answer any questions and assist with any complex medical or nursing needs.

## Post Discharge Care

Our CNSs offer post discharge support for patients relating to queries regarding symptoms or medication. The patient will be given a 24-hour helpline number providing direct contact to a cardiac ward nurse.

## Rehabilitation

Our Rehabilitation Specialist Nurse (RSN) is supported by a team of cardiac physiotherapists, dietitians and pharmacists who provide support throughout the rehabilitation process.

The RSN provides assessment of cardiac risk factors, education and support for patients undergoing procedures. All patients will be referred to a cardiac phase III rehabilitation programme which provides ongoing structured exercise, education and physiological support.

Cardiac physiotherapists provide patients with individual tailored exercise programmes to aid the rehabilitation process.

# Nursing and Ward Services

## Critical Care Unit

The Critical Care Unit provides 24-hour specialist care for patients requiring multi-organ support due to complex medical and surgical conditions. It also provides care for patients undergoing complex cardiology procedures e.g. TAVI. The Critical Care Unit submits data to the ICNARC (Intensive Care National Audit Research Centre) database. Critical Care includes:

- 15 beds providing Level 2 and Level 3 care
- 24-hour Consultant Intensivist cover
- 24-hour critical care resident medical officer cover
- 24-hour radiology/pathology services
- Highly experienced critical care trained nurses

## Ward Nursing

The ward has a high nurse-to-patient ratio, providing skilled nursing care to patients as they recover in a comfortable and attractive ward environment.



## Blood Management Services

A team of clinical perfusion scientists utilise the most advanced technology available to offer a range of perfusion techniques unmatched in the UK private sector.

**Blood management strategies:** Ability to reduce bleeding, therefore dramatically reducing the need for blood transfusions. London Bridge Hospital is unique in offering blood management to every single patient, not just those undergoing complex procedures.

**Cardiopulmonary bypass excellence:** State-of-the-art equipment minimises post operative complications.

**Intraoperative cell salvage:** Allows the collection and processing of patients' blood that may otherwise have been lost during surgery, so that it can be returned to the patient.

**Low post surgery stroke rate.**

**Only private centre in the UK to offer Platelet Mapping™ and Multiplate™:** Immediately identifies the effectiveness of prescribed anti-coagulation medication.

**Point-of-care testing facilities:** A laboratory in the theatre uniquely provides rapid assessment of blood-related issues as routine for every patient.



## International Patient Care

We offer a dedicated International Department for overseas patients and their families.

### International Department

The International Department provides support from initial physician referral through to assistance in arranging transport both to and from the hospital and/or airport.

All patients and their relatives are:

- Met upon arrival and assisted with admission
- Helped by staff who can act as a liaison and interpreter between patients and hospital staff
- Staff are available 24 hours a day to handle questions and problems, should they arise

### Customised Hotel Services

The Hotel Services at London Bridge Hospital are highly rated amongst private hospital services. We deliver individual, customised care and attention for each patient in a relaxing and restful environment.

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## Contact Us

For more information about Cardiac Services, please visit our website at [www.londonbridgehospital.com](http://www.londonbridgehospital.com) or contact:

### London Bridge Hospital

27 Tooley Street, London SE1 2PR

Tel: +44 (0)20 7407 3100

### International Department

Tel: +44 (0)20 7234 2459

Fax: +44 (0)20 7234 2258



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