

Delivering excellence in heart and lung care



RB&HH

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Welcome to Royal Brompton and Harefield Specialist Care

World leaders in the treatment of heart and lung disease

RB&HH specialist care provides pioneering diagnostic and treatment services to patients with heart and lung conditions.

Our hospitals, Royal Brompton and Harefield, are world renowned for their expertise, standards of care and research breakthroughs. We are the largest specialist heart and lung centre in the UK and among the largest in Europe, treating patients from across the world.

This brochure provides valuable information on the important, life changing work we do for patients and their families. It will help you form a picture of the services we provide, the staff who deliver world leading expertise and the care that contributes to our world class reputation. It will also provide you with information about our first class facilities and the environment within which our complex clinical work takes place.

We look forward to welcoming your patients here in London in the very near future.



Our mission...

International leadership for the benefit of all


Our vision is to maintain and strengthen our reputation as the world's leading centre for the diagnosis, treatment and care of people with heart and lung conditions.

It is an ambition that relies on recruiting and training the world's most talented clinical, medical, nursing and support staff.

Over 2,500 people work across our hospitals and outpatients clinics, which are located across central London and in Harefield, Middlesex – just North of Heathrow airport.

Our staff provide specialist care, developing and disseminating clinical knowledge that will benefit people today and the generations to come.

Ultimately, we provide a safe, comfortable and cutting-edge service for the people who need us most.

A hand holding a blue stethoscope, with a globe of the Earth visible in the background. The stethoscope is held in a way that the chest piece is positioned over the globe. The background is a soft-focus image of a person in a white lab coat, likely a doctor, with a stethoscope around their neck.

Harefield Hospital is world-renowned for its ground-breaking transplant unit. Harefield consultant, Professor Sir Magdi Yacoub, performed the world's first combined heart and lung transplant. By the end of the decade, he had performed over 1,000 transplants – more than any other surgeon in the world.



Why refer patients to RB&HH?

Heart and lung diseases are the world's biggest killers, and demand for treatment is rising. If you have a patient requiring specialist or complex treatment, referring them to the experts will guarantee the best possible results.

World-leading expertise

Central to our success, is our ability to attract medical staff from around the globe whose combined experience enables us to lead the way in our specialist field.

Supporting them, our nurses are specifically trained in caring for patients with heart and lung illnesses and over 70 of them are highly qualified nurse specialists.

As well as travelling internationally to lecture and share their knowledge, our clinicians hold prominent positions on influential boards, committees, institutions and professional associations.

State-of-the-art facilities

As a large post-graduate teaching centre we can offer the very best care, 24 hours a day, with the benefit of on-site support services uncommon in other hospitals. These include:

- Top-rated intensive care units, staffed around the clock by expert nursing and medical staff
- Specialist diagnostics facilities including high-tech imaging, pathology, radiology and laboratory services
- Access to Royal Brompton's cardiovascular and respiratory Biomedical research units.

Many of our private patients travel long distances to see us, to receive treatment in an environment that is suited to both complex and routine patient care.

Pioneering research programmes

Research programmes play a fundamental role in delivering the highest standard of care to patients and their families. Working closely with Imperial College London, our research teams have gained a five star rating for their contribution in finding new ways to treat heart and lung disease.

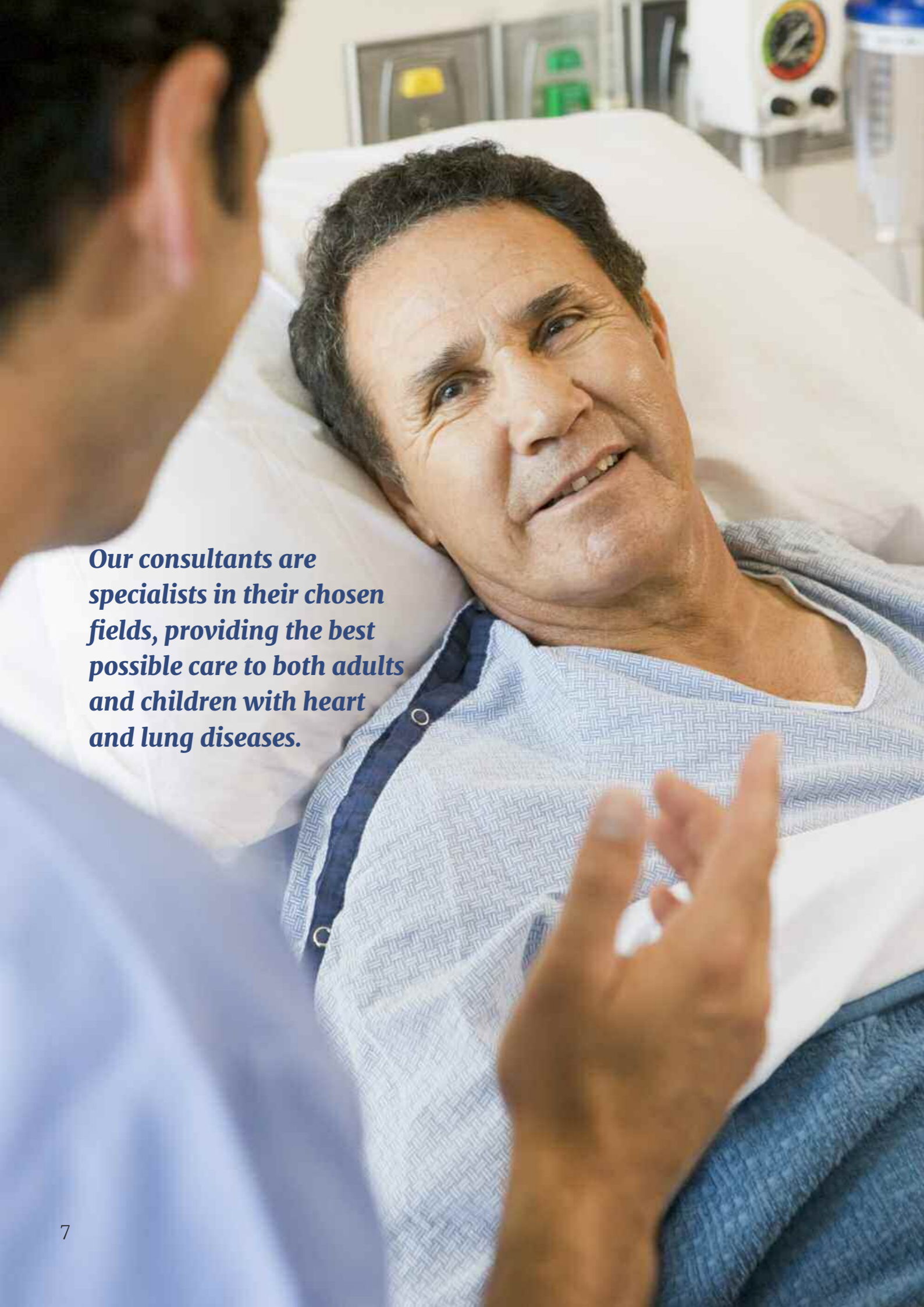
Over the years, our consultants have been responsible for several major medical breakthroughs, including performing the first lung and heart transplant, founding the largest centre for the treatment of cystic fibrosis in Europe and discovering the genetic mutation responsible for dilated cardiomyopathy.

Gold standard patient care

Our private patients arrive from all over the world confident that they will receive first class, round-the-clock medical care and treatment.

We pride ourselves in providing personalised care for all our patients, ensuring a comfortable stay and positive healthcare experience.

Our dedicated concierge services offer practical support to patients and their families, paying particular attention to their cultural, religious and language needs. In particular, our overseas patients benefit from multi-faith facilities, interpreter services, diverse menu options and assistance with arranging transport, accommodation and medical appointments.



Our consultants are specialists in their chosen fields, providing the best possible care to both adults and children with heart and lung diseases.

Our specialities

As the world's leading centre for heart and lung care, our patients have access to pioneering diagnostic and treatment services, in the comfort of private wings within the main hospital buildings.

Our care includes:

- Cardiology
- Cardiac surgery
- Respiratory medicine
- Thoracic surgery
- Paediatric care
- Diagnostic services
- Comprehensive clinical support
- Outpatients clinic

RB&HH

Cardiac surgery and cardiology

Clinical teams at Royal Brompton and Harefield hospitals care for patients with a wide range of heart conditions.

Our world-leading surgeons offer the very latest surgical procedures and have particular expertise in complex cardiac surgery. Our cardiologists, meanwhile, treat all types of heart disease using both invasive and non-invasive procedures.

Valve repair or replacement

With over 40 years' experience in valvular surgery, our cardiac surgeons perform hundreds of valve replacements and repairs each year, with excellent success rates.

Our surgeons have particular expertise in both simple and complex repair of the mitral valve. They also have extensive experience in aortic valve repair using the full range of prostheses (mechanical, biological, homografts and autografts).

Heart bypass surgery

Consultants at RB&HH perform the full range of revascularisation procedures to restore blood flow to the heart, including coronary artery bypass grafts (CABG), robotically assisted keyhole surgery (EndoAcab) and a hybrid approach using EndoAcab and Stenting.

Surgical intervention for heart failure

In addition to Harefield's renowned transplant work, consultants have recently pioneered the use of 'artificial hearts' (left ventricular assist devices, or LVADs) to support failing hearts. Harefield hospital has the largest number of LVAD patients in the UK, many of whom are demonstrating the highest rate of myocardial recovery in the world.

Abnormalities of heart rhythm

Consultants at Royal Brompton and Harefield hospitals carry out approximately 548 electrophysiology studies each year to detect abnormal heart rhythms in patients. Procedures to regulate and manage arrhythmias include radio frequency ablation and the fitting of pacemakers and implantable cardioverter defibrillators (ICDs). Our specialists fitted 3,453 of these in 2012/13.

Narrow or blocked arteries

Royal Brompton and Harefield hospitals are home to seven purpose-built catheter laboratories, where our consultants carry out over 400 coronary angioplasties each year (and stenting) to help widen arteries.

Clinicians at RB&HH have access to advanced X-ray and 3D imaging facilities to help detect narrow or blocked arteries. Our teams of cardiologists, nurses, radiographers and cardiovascular technicians performed over 3,300 angiograms in 2012/13.

Congenital heart disease

We treat congenital heart disease from before birth to adulthood and have one of the largest adult congenital heart disease units in the country. Our experts see over 6,000 adults with congenital disease each year – more than any other hospital in the UK.

The adult congenital heart disease unit is home to ground-breaking research, attracting a large number of clinical fellows from around the world to take part in specialist training and research programmes.



The UK's first coronary angioplasty took place at Royal Brompton in 1980 and the first coronary stent was implanted at the hospital in 1988.

Respiratory medicine

We welcome patients with around 50 different groups of respiratory diseases to Royal Brompton and Harefield Hospitals each year. We have an international reputation for the diagnosis and management of lung disease (including ground-breaking research programmes) – the result of over 160 years' experience.

Asthma and allergy

RB&HH consultants have expertise in the treatment of all types of asthma; as well as allergies, rhinitis and other nasal problems. Our respiratory consultants are responsible for the development of several widely used asthma and allergy treatments.

Chronic lung infection

We treat all types of lung infection and have specialist expertise in bronchiectasis, primary ciliary dyskinesia, antibody deficiency, allergic bronchopulmonary aspergillus and mycobacterial infections.

Fibrosing lung disease

Our consultants lecture worldwide on the management of diffuse lung disease and host international teaching events at Royal Brompton, which has one of the largest lung disease patient populations in the world (1,700).

We diagnose and manage all forms of this condition, including sarcoidosis, lung problems in rheumatological diseases and vasculitis.

Occupational and environmental lung disease

Royal Brompton and Harefield hospitals have developed a worldwide reputation for their capabilities in treating occupational and environmental lung disease, due to extensive research studies spanning a 30-year period.

Our hospitals run the busiest occupational and environmental lung disease service in Europe, dealing with occupational asthma, asbestos-related disease, extrinsic allergic alveolitis, pneumoconiosis including silicosis and hard metal disease.

Chronic obstructive pulmonary disease (COPD)

We treat COPD through medication, nutritional advice, pulmonary rehabilitation and other methods. Our research helped establish the national guidelines for dealing with COPD and we are currently investigating lung volume reduction treatment.

Respiratory failure

We see patients with difficult-to-manage acute and chronic respiratory failure admitted from hospitals from around the UK, and overseas.

Our consultants have particular expertise in treating chronic and acute respiratory failure associated with COPD, neuromuscular conditions and chest wall conditions.

Ventilation at home

We provide home ventilation support for adults and children with neuromuscular and chest wall conditions such as muscular dystrophy and curvature of the spine. We have over 1,000 patients in this programme, making it the largest in Europe.

Sleep disordered breathing

Treating patients for over 20 years, Royal Brompton Hospital has become one of the largest Sleep Centres in Europe. We offer rapid assessment, diagnosis and tailored therapy for a full range of respiratory and intrinsic sleep disorders – most commonly sleep apnoea.

We help almost 11,000 adults who have breathing problems caused by diseases such as COPD and severe asthma.



Thoracic surgery

RB&HH Specialist Care is a major centre for lung, chest and oesophageal cancers, and is the leading provider of complex thoracic surgery in the UK. We deal with more thoracic sarcomas, mediastinal tumours and primary chest metastases than any other centre in the UK.

Cancers of the chest

We use a variety of methods to confirm cancer diagnoses and to identify what stage it has reached. Our hospitals are well-equipped with the latest scanning devices, which allow us to diagnose some patients without performing a biopsy.

For patients deemed to have ‘inoperable’ tumours, our specialists have pioneered ‘cyrosurgery’ where tumours are frozen inside the body. Our consultants also recently pioneered single port surgery for lung cancer to achieve better pain control and shorter hospital stay.

Other treatments such as radiotherapy and chemotherapy are provided by our colleagues at Royal Marsden Hospital (for Royal Brompton patients) and Mount Vernon Cancer Centre (for Harefield patients), or where possible, at a hospital near to the patient’s home.

Airway disease and Chronic Obstructive Pulmonary Disease (COPD)

We are the largest surgical centre in the UK for the management of COPD, performing lung volume reduction and bullectomy with a 0% mortality over the past 100 cases. Where possible, these procedures are performed via keyhole or video-assisted (VATS) surgery.

Furthermore, our hospitals have long-standing experience in treating airway disease and the surgical correction of pectus abnormalities.

Paediatric services

Royal Brompton is an internationally recognised centre for the surgical treatment of neonatal and infant congenital heart disease.

Babies and children are cared for in our specialist paediatric unit. This offers play and schoolrooms specially designed to minimise the unease children might feel when staying in a hospital. Our children's intensive care unit is also located here, offering immediate accessibility 24 hours a day.

Fetal cardiology

RB&HH operates the largest fetal cardiology service in the UK, with five specialist cardiologists. We offer prenatal ultrasound scans from as early as 12 weeks and a range of diagnostic procedures to diagnose heart problems and congenital heart defects. As experts in their field, our consultants lecture worldwide on prenatal screening for heart disease, and participate in a number of global research projects.

Paediatric cardiac surgery and cardiology

Royal Brompton Hospital offers a full range of diagnostic and surgical interventions to treat paediatric heart conditions (including various types of ‘hole in the heart’). We offer cardiac catheterisation procedures to help diagnose heart conditions by taking detailed images of the heart. We also offer a cardiac murmur clinic for children with suspected heart murmurs.

Electrophysiology

As the largest national referral centre for children with heart rhythm problems, Royal Brompton Hospital offers a full range of transcatheter and pacing interventions to diagnose and treat cardiac arrhythmias in children. Consultants at Royal Brompton have undertaken more paediatric electrophysiology procedures than any other healthcare organisation in the UK. We also offer specialist clinics for certain problems, including Brugada syndrome.

Respiratory medicine

From congenital lung malformation to difficult asthma cases, primary ciliary dyskinesia to bronchiectasis, our team of expert consultants treat all types of paediatric respiratory conditions. We are Europe’s leading centre for the treatment of paediatric cystic fibrosis and one of a small number of centres to provide domiciliary ventilation support.

Sleep Studies

Respiratory sleep disorders are a common health problem in children. During sleep, children with conditions such as sleep apnoea, oversized tonsils, muscular dystrophy and troublesome snoring will experience a decrease in oxygen levels and increase in carbon dioxide levels causing disrupted sleep patterns and poor quality sleep. Royal Brompton Hospital offers comprehensive evaluation and care for children with sleep and sleep-related disorders, including non-invasive ventilation and treatment using CPAP machines.



Comprehensive clinical support

Intensive care facilities

Royal Brompton and Harefield's critical care and anaesthesia departments are known throughout Europe for their expertise and level of patient care. As such, we receive a number of patient referrals from across the UK, and overseas, particularly for cases of acute respiratory failure and problems weaning from mechanical ventilation.

Royal Brompton and Harefield's two state-of-the-art intensive care units are staffed by expert nursing and medical staff, 24 hours a day. Our adult intensive care unit comprises 38 beds, whilst our Paediatric Intensive Care unit (PICU) has 20 critical care beds equipped with the latest technology to care for younger patients.

Imaging and diagnostics

Investment in imaging technology has revolutionised the way cardiac patients are investigated. We offer the full range of imaging services including ultrasound, nuclear medicine, CT scans, Cardiac Magnetic Resonance (CMR) and fluoroscopy.

Our dedicated cardiac CT (64 slice) and CMR scanners allow consultants to detect the early signs of coronary heart disease and assess coronary artery blockages using non-invasive diagnostics.

Complimentary services

Furthermore, our on-site pathology, physiotherapy, clinical psychology, dietetics and pharmacy departments offer a broad spectrum of diagnostic, treatment and support services.



Our rooms come equipped with a telephone, room safe and television, screening domestic and satellite channels



Our imaging department undertakes 70% of the UK's CMR imaging workload.

Annual patient attendances

Our hospitals undertake 144,000 outpatient appointments and nearly 32,000 inpatient stays a year: a testament to the experience and expertise of our consultants.

On an annual basis our staff perform:

- > 3,200 angiograms/cardiac catheterisations
- > 2,200 thoracic surgery operations
- > 2,400 coronary angioplasties
- > 1,400 treatments for respiratory failure
- > 1,000 heart bypass operations

As you would expect of an internationally recognised hospital, we ensure that all patients' cultural and religious needs are respected during their stay with us.

Coming to RB&HH

Inpatient accommodation

Our patients benefit from comfortable single occupancy rooms with en-suite bathrooms. Furnished to a high standard, the rooms come equipped with a telephone, room safe, fridge and flat screen television (screening both domestic and satellite channels). We are also pleased to offer our patients free wi-fi, a complimentary pack of toiletries and a complimentary newspaper delivered daily. A wide variety of overseas papers are available upon request.

Catering services

Our chefs offer a wide choice of cuisine exclusively for our private patients in our dedicated kitchens. Patients can select from our à la carte menu or from meals suitable for diabetic, weight reducing, healthy eating, vegetarian, Asian, Halal and Kosher diets.

Food is an important part of the patient's recovery and we work hard to meet individual dietary needs.

Visitors

At both hospitals, our private patient administration team can arrange accommodation within the hospital or provide information about a number of local hotels within a varied price range.

Visitors to Harefield Hospital's private patient centre have the benefit of facilities at Parkwood House, a small, friendly, hotel-style house within the hospital grounds offering single or double rooms at very reasonable rates.

Visiting hours for both adults and children are flexible; we only ask that visitors liaise with the appropriate nursing staff about the best times to visit.

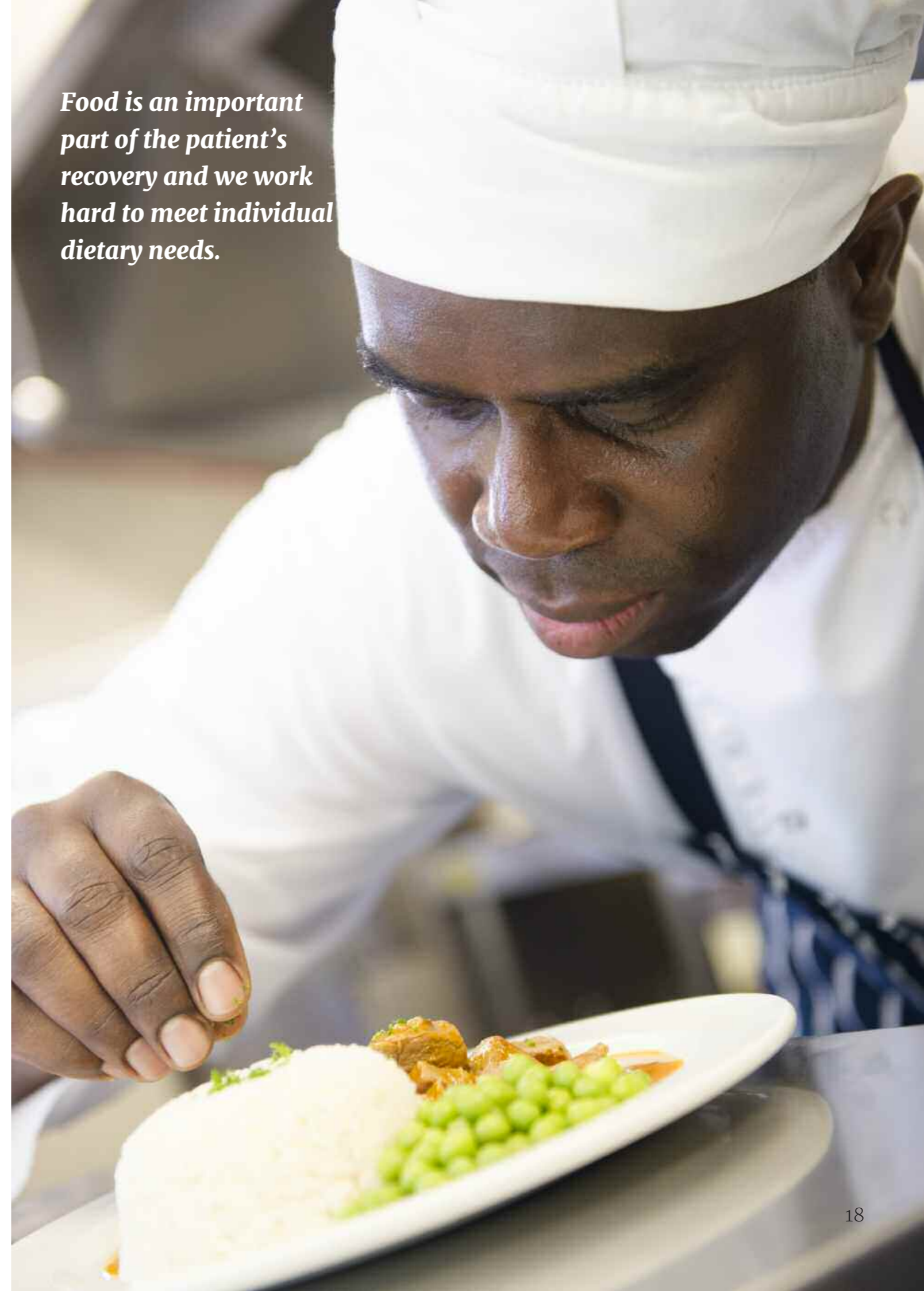
We recognise that coming to hospital can be a worrying time for many, so we will do everything we can to make the patient's stay with us as safe and as comfortable as possible.

Royal Brompton & Harefield Outpatients

Outpatients can be assured of the most attentive care at all times in the relaxing environment of the Royal Brompton Outpatients Clinic. Private outpatients are seen by our consultants in a well-appointed outpatient suite comprising consulting rooms, treatment room, x-ray facilities, kitchen and a restful patient lounge. Our paediatric outpatient rooms are equipped with a designated play area and baby changing facilities.

A nursing sister trained in cardiothoracic care is responsible for the daily management of the consulting rooms and a dedicated private patient radiographer, support nurse and clinical support worker are all based on site to provide additional support.

Food is an important part of the patient's recovery and we work hard to meet individual dietary needs.



Pricing policy

Our pricing policy is based on the principle that it should be simple, open and fair. We believe our prices, when compared to many other comparable private institutions, are very competitive.

We accept self-funding patients, as well as those sponsored by their embassy or covered by private medical insurance. We have agreements with most UK insurance schemes, and some international, although we always advise patients to check with their insurer before starting treatment. For self-pay patients, we require a deposit for expected treatment costs in advance. For patients being sponsored by their embassy, we require a letter of guarantee from the embassy before any treatment can occur.



Contact us

If you would like to find out more about RB&HH and the work that we do, or to refer a patient, please visit: www.rbhh-specialistcare.co.uk or contact us on the details below:

+44 (0) 2031 315 384 (Royal Brompton)

+44 (0)2031 317 857 (Harefield)

Email: privatepatients@rbht.nhs.uk

What our patients say about us:

“I’d like to say a big thank you for all the care and kindness during our stay over 3 weeks at Harefield. We have experienced many top hospitals in the USA and Germany, but none exceed the expertise and quality of your medical and nursing staff – they are unsurpassable. Thanks also to your admin team who have made the whole experience “top class” – the room and food were excellent, and we were amazed to even find a multi-faith prayer room!”

Mr Abdul Rehman Al Teneiju, son of UAE thoracic surgery patient at Harefield Hospital

“I would, without a doubt, recommend Royal Brompton to other patients. My surgeon was highly skilled, eloquent but also very down to earth. The entire referral process was very well organised and the staff helpful and friendly. I now have a whole new lease of life!”

David Busby, a 66 year old patient treated for lung metastases

“Our experience at Harefield Hospital through such a difficult time was made easier thanks to the combined effort of both the customer service team and the doctors. Regular visits to my room helped us feel at home, whilst ongoing support and encouragement spurred on my recovery.”

Mrs Alkaffari , AVR and TVR patient from Saudi Arabia

“It is like a miracle has happened, from being so ill to coming back to life. If I had not sought a second opinion from consultants at Royal Brompton, I would not be alive today. I can breathe again, walk up the stairs. I can even go back to kick-boxing!”

Lisa Brown, a 41 year old patient treated for emphysema



From Bypass to Competitive Cyclist: *The ride of my life*

It has been 11 months since I had my double bypass surgery, and I wanted to take this opportunity to provide an update on my progress.

In short, I walked a kilometre the day I got out of hospital and within four weeks I was running 10km. By the end of week five, I was back out on my road bike and at week eight, I was skiing in the Alps!

As a seasoned cyclist my goal was to re-build my strength, so that I could enter ‘Ride London-Surrey 100’ – a cycling event that took place 26 weeks after I left hospital. Under close monitoring and guidance from my consultant, I put in many hours of training in preparation. On the day of the event, I had a good ride and came in at 4 hours and 21 minutes, just 18 minutes behind the winner.

I hope my story is testament that there can be light at the end of the tunnel. I proved that with hard work, dedication and most importantly the care and expertise of the staff at Harefield, it was possible to get my pre-surgery life back.

Robert Hobson, double heart bypass surgery patient at Harefield Hospital