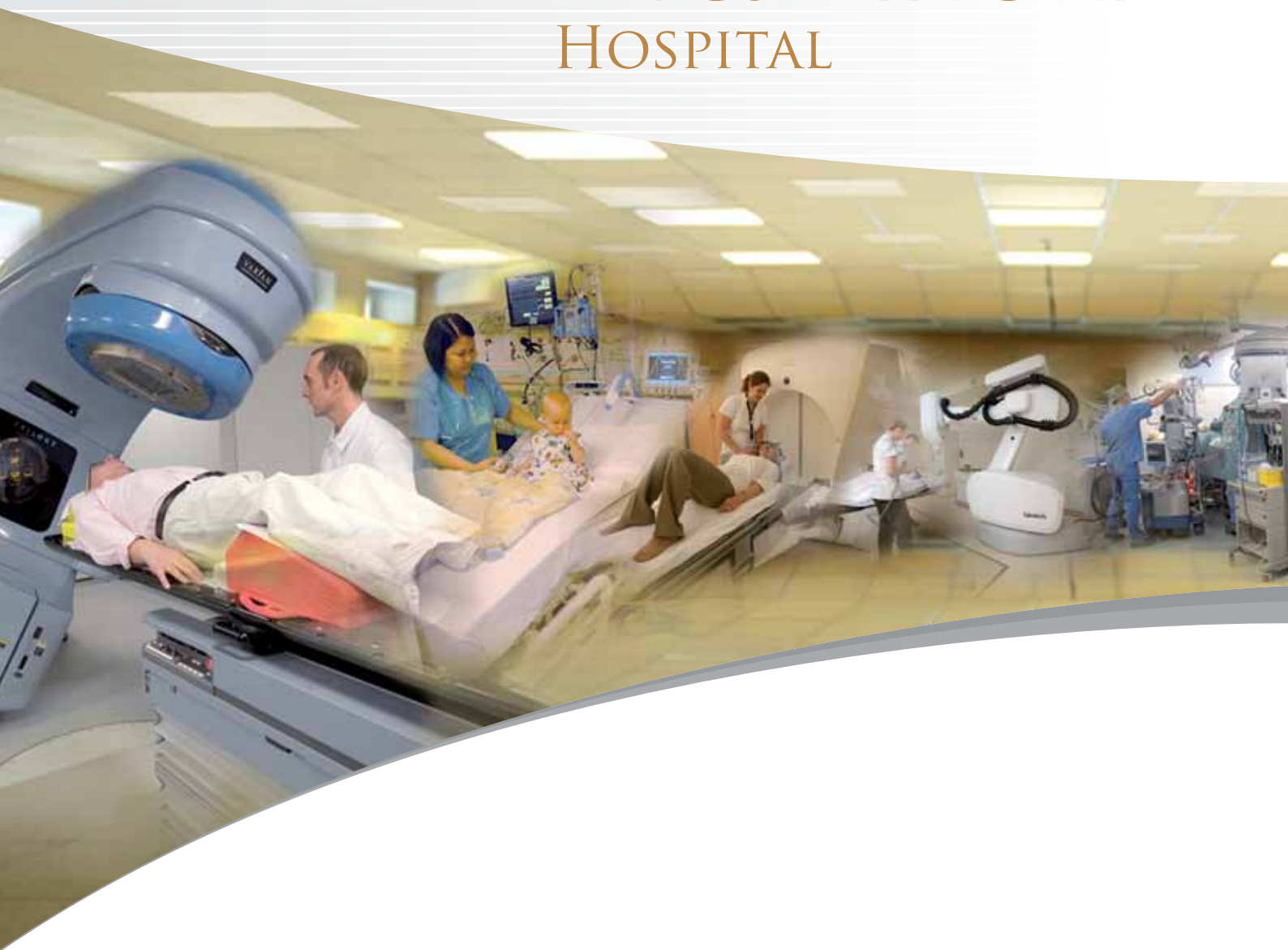


THE HARLEY STREET CLINIC

THE COMPLEX CARE HOSPITAL



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HOSPITAL



Uniquely, The Harley Street Clinic is a specialist private cardiac, cancer and neurosciences hospital providing complex care to adults, children and babies. Supported by HCA International which in turn is owned by HCA Inc, the largest provider of private healthcare in the world, the Hospital has received multi-million pounds in investment and this has attracted leading specialists from major London teaching hospitals who are in turn supported by a full team of caring, experienced and professional clinical staff.

The Hospital has separate paediatric and adult Intensive Care Units (ITU). The paediatric ITU is the largest private facility in the country. This allows us to support cardiology, cardiac, thoracic, cancer, spinal and other major treatments for children from babies to young adults. These facilities attract world-renowned paediatric consultants, who are supported by highly experienced and specialist doctors and staff.

OUR CARDIAC SERVICES

A wide range of adult cardiac procedures are undertaken. These include interventions such as electro-physiology (EP) studies to treat arrhythmias, the treatment for valvular heart disease and heart by-pass surgery. These complex procedures complement the usual angiography tests and therapies that are regularly undertaken. A separate and comprehensive adult ITU provides support when necessary.

OUR ONCOLOGY SERVICES

The breadth of radiosurgical/radiotherapy services that we offer is unequalled in Europe! These services include the UK's first CyberKnife® a new and revolutionary robotic radiosurgery system treating many tumours previously thought inoperable; Gamma Knife® which is run by us at St Bartholomew's Hospital using the latest Perfexion™ technology; and two of the latest Linear Accelerators.

London teaching hospital cancer consultants – including clinical and medical oncologists and cancer surgeons – also perform treatments such as chemotherapy and the latest surgical, radiotherapy and oncology techniques in all tumour types including gynaecological, breast, head and neck, gastro-intestinal, and brain tumours.

We also provide a dedicated paediatric oncology service – a new unit offering a cohesive range of treatment options from a specialist team of paediatric oncologists, and surgeons.

OUR NEUROSCIENCE SERVICES

Consultant neurosurgeons, neurologists and consultants in pain control are supported by the Gamma Knife and CyberKnife facilities and by the specialist theatre teams in addition to the ITUs.

OUR ADDITIONAL SERVICES

The Harley Street Clinic also attracts a full range of consultants in most other disciplines including Ear Nose and Throat, Gynaecology and General Surgery.





INTENSIVE CARE FACILITIES

OUR ADULT ITU

The highest levels of care for adult patients are given in both the main ITU with full 1:1 care and in the supportive clinical environment of the Coronary Care Unit where expertise and technologies are of the highest standard.

The service is provided by a dedicated multi-disciplinary team of consultant intensivists, registrars, nurses, dieticians, pharmacists, physiotherapists and occupational therapists. The Unit is able to provide multi-organ support including the latest in cardiac, ventilator and renal replacement technologies.

As well as specialising in cardiac, neurosurgical and other complex surgical cases, the Unit provides support for any medical/surgical emergencies within the hospital.

Facilities include the availability of isolation rooms and 24 hour / 7 day support from theatres, cardiac catheter laboratory and a full range of diagnostic services. Referrals and second opinions from abroad can be discussed at all times of day with the consultant intensivist on call.

An exciting new Adult ITU is currently being constructed with completion due in Spring 2011.



OUR PAEDIATRIC ITU

The Harley Street Clinic Paediatric Intensive Care Unit (PICU) provides a unique combination of experience, technology and close, well established links with other PICUs throughout London and the world. Specialist 1:1 care is provided in the 13 bedded PICU – which includes 5 isolation rooms. In addition a 5 bedded High Dependency step-down area enables a fast effective progression towards discharge from the critical care team whilst maintaining the highest levels of monitoring.

With a wealth of experience, backed by research, the paediatric cardiac congenital heart team is internationally recognised as a centre of excellence able to cope with the most complex congenital cardiac defects.

The Unit also manages other complex medical and surgical cases such as complex spinal treatment, neurosurgery and cancers and provides support for any emergencies within the hospital.

The multi-disciplinary team is driven through effective communication and lead by best practice and includes consultants, consultant intensivists, resident medical officers, nurses, clinical educators, pharmacists, dieticians, speech and language therapists, physiotherapists, the infection control team and translators. Arabic translators are employed and if necessary we can obtain access to interpretation services for other languages.

The PICU

- maintains all modes of organ support and multi-organ failure, including the latest in cardiac, ventilator and renal replacement technologies
- provides pre-visits to all planned admissions enabling a smoother and quicker progression, enabling patients to receive the best possible medical and holistic care
- prides itself on providing excellent family-centred care

Referrals and requests for second opinions from home and abroad can be discussed at all times of day with the consultant intensivist.



CARDIAC PROCEDURES

OUR PAEDIATRIC CARDIAC

Our paediatric cardiac team have the expertise and facilities to treat the most serious heart conditions in children from birth onwards.

Paediatric heart specialists are attracted to The Harley Street Clinic from leading London hospitals, including Great Ormond Street and The Royal Brompton. They choose us as we have the most up-to-date and comprehensive facilities together with our specialist multi-disciplinary teams.

The paediatric cardiac surgeons and cardiologists are led by International Congenital Cardiac Centre Medical Director, Professor Marc de Leval.

On transfer from the ITU to the dedicated paediatric ward, the babies and children are cared for by registered children's nurses, supported by a team of physiotherapists, dieticians, pharmacists, psychologists, play specialist and if needed, interpreters.

Our aim is to create an environment where the child and family feels happy and relaxed and where parents can be confident that their child is receiving the very best care and attention.



OUR ADULT CARDIAC

The Hospital operates and equips three separate cardiac treatment “labs” supported by consultant cardiologists. There is also a team that assists our consultant cardiothoracic surgeons in theatre performing complex by-pass procedures.

The electro physiologists/cardiologists are world renowned for their achievements and high success rates in curing complex Arrhythmias.

Initial care is usually provided in the Adult ITU, followed by the Critical Care Unit and then in one of the 15 allocated private rooms on the cardiac ward.

Complex cardiac care that is undertaken embraces treatments for the full range of cardiac surgery including by-pass, arrhythmias and valve replacements

- Valvular Heart Disease including the latest minimally invasive valve replacements which include TAVIs and the Mitraclip procedure. These techniques treat patients with severe aortic stenosis or mitral regurgitation who are considered too high risk for conventional surgical aortic valve replacement
- Arrhythmias including atrial fibrillation, ventricular tachycardia using treatments such as catheter ablations
- Electrophysiology (EP) Studies
- By-Pass Surgery

Uniquely we also offer congenital cardiac surgery for adolescents and adults.

The Harley Street Clinic uses the latest in CRYO and radiofrequency ablating techniques to ensure high success rates and patient safety and employs bi-plane imaging technology to reduce procedure times and radiation doses for complex arrhythmia studies.

The latest software systems are used to map the heart and provide positional analysis for catheter placement and treatment location.

Uniquely, The Harley Street Clinic has direct access to a Cardiac Rehabilitation Consultant who can offer a structured approach to achieving primary and secondary cardiac prevention by optimising their post-operative lifestyle. A one-to-one programme is put together to design and support a specific exercise and nutrition schedule for each individual patient. The aim is to help improve the quality of life of the patient minimising the risk of developing further heart-related events and conditions.



CANCER TREATMENTS

The Harley Street Clinic has at its immediate disposal a range of diagnostic and treatment facilities which add up to Europe's most advanced radiotherapy portfolio. These specifically include PET/CT, a separate planning CT, CyberKnife, Gamma Knife and latest generation Linear Accelerators.

The Cancer Centre at 81 Harley Street focuses on all types of cancer treatment including chemotherapy and radiotherapy. All types of cancer surgery can be undertaken in one of our 3 modern operating theatres. The Harley Street Clinic is also one of the few Cancer Centres in the country to perform Thermal Ablation of tumours under radiological control.

Chemotherapy is provided through our collaboration with The London Oncology Clinic.



CYBERKNIFE

The UK's first CyberKnife is housed at The Harley Street Clinic's Cancer Centre at 81 Harley Street. Using revolutionary robotic radiosurgery techniques, CyberKnife treats many inoperable tumours by directing hundreds of concentrated radiation beams at cancerous areas. Because of the concentration, adjoining healthy tissue is barely affected.

The treatment itself is painless and as it is an outpatient procedure does not even involve being admitted to a patient room.

Cancers treated include those of the pancreas, spine, lung, prostate, liver, kidney and brain. CyberKnife also treats certain sarcomas and some secondary tumours.

GAMMA KNIFE

At The London Gamma Knife Centre at Barts we treat patients who have been diagnosed with abnormalities in or around the brain. Worldwide, over 500,000 patients have already been helped by this non-surgical procedure that delivers radiation therapy precisely and safely where it is needed.

The purpose built suite at Barts houses the latest state of the art machine - Perfexion – which offers the advantages of increased patient comfort and more conformal dose planning with less risk of damage to adjacent healthy areas.

Both CyberKnife and Gamma Knife centres utilise expert multi-disciplinary teams made up of all the relevant clinicians and other medical staff to assess cases as and when they are presented.

LINEAR ACCELERATORS

The Harley Street Clinic has two of the latest linear accelerators allowing us to offer state-of-the-art Image Guided Radiotherapy, including Respiratory Gating, Cone beam CT, Kv Imaging and RapidArc™. One linear accelerator also has stereotactic capability which complements the other radiosurgical equipment mentioned above.

PAEDIATRIC CANCER

A comprehensive diagnostic service for cancers in babies and children is provided by expert surgeons and paediatric intensive care specialists. Chemotherapy and radiotherapy treatment is given by an experienced team of nurses, radiotherapists and pharmacists.

These specialists whose NHS practices are at leading centres such as UCLH, The Royal Marsden and King's College Hospital are able to treat cancers such as sarcomas, haematology (acute leukaemia, lymphoma) and brain tumours (neuroblastoma, retinoblastoma).



NEUROSCIENCES

Our neurosciences multi-disciplinary team (MDT) comprises experts in their respective fields. The team can call on neurosurgeons, neurologists, oncologists/radiotherapists, paediatricians, craniofacial surgeons from renowned London teaching hospitals such as Kings College and The Royal Marsden, as well as The Evelina Children's Hospital – a specialist paediatric unit based in St Thomas' Hospital.

The team also includes occupational and physio therapists, who are specially trained in neuro disorders.

The MDT is supported by our specialist nursing and theatre teams as well as separate paediatric and adult Intensive Care Units.



OUR ADULT NEUROSCIENCES

The same expert multi-disciplinary team is responsible for treating adult neuroscience conditions.

Specific adult conditions treated include:

- Brain and Spinal tumours (glioma and meningioma)
- Degenerative spinal problems including
 - Sciatica
 - Back Pain
 - Neck Pain
 - Brachialgia (neck and arm pain due to nerve root irritation or compression)
- Spinal corrective surgery
 - Scoliosis
 - Spondyloisthesis
- Facial pain – neuralgia
- Epilepsy
- Headache disorders including migraine and cluster headache
- Multiple Sclerosis
- Parkinson's Disease
- Spasticity
- Carpal Tunnel

The neurosciences team has access to necessary technology including CT and MRI imaging; the latest microscopes and CUSA – which involves the latest ultrasonic aspiration.

Specialist 1:1 nursing care is available in the separate adult ITU, if necessary, post-operatively. Patients are then transferred to their individual room on the adult ward where expert nursing care is administered.

The Neuroscience team have access to relative technology available via The Harley Street Clinic, including both CyberKnife and Gamma Knife radiosurgery, both of which can treat adults with certain brain tumours.

OUR PAEDIATRIC NEUROSCIENCES

A wide range of conditions - from the routine to the more complex are performed at The Harley Street Clinic on children from babies to young adults.

These include:

- Brain Tumours
- Hydrocephalus – water in the head, including syringomyelia
- Chiari Malformations (structural defects in the part of the brain that controls balance which can cause a range of symptoms including dizziness, muscle weakness, numbness, vision problems and headaches)
- Craniosynostosis (abnormal head shape)
- Spina Bifida and Spinal Untethering
- Head Injuries and Rehabilitation
- Spasticity and Cerebral Palsy

If treatment is required in theatres, then surgeons have at their disposal the latest technology and equipment.

Also, The Harley Street Clinic's 13 bedded paediatric ITU and 5 bedded High Dependency Unit's nursing teams are experienced and able to offer the best care and attention for each child in their responsibility.



THE LATEST TECHNOLOGY

HCA International, the parent organisation, has recently invested £25m in The Harley Street Clinic's range of advanced diagnostic and treatment facilities. CyberKnife, Gamma Knife, the latest generation Linear Accelerators, PET CT and the technology to support the Cardiac and ITU facilities have all benefited from this investment.

This is only part of the story though as The Harley Street Clinic continues to expand.

The Molecular Imaging Centre at 154 Harley Street houses both the latest Diagnostic PET/CT with a latest generation installation of Nuclear Gamma Camera technology.

Also the latest diagnostic CT Scanner is available in the main Clinic building and ready access is at hand for MRI scanning. This diagnostic equipment can be accessed by both adults and children - including babies.



COMPLEX CARE FROM LONDON'S LEADING CONSULTANTS

The Harley Street Clinic and its associated joint venture facilities attract the UK's eminent specialists not only due to the levels of investment but also due to our proximity to some of London's most important teaching hospitals including Great Ormond Street, The Royal Brompton, University College, The Royal Marsden, St Bartholomew's and The Heart.

QUALITY

Technology is not everything though. The Harley Street Clinic prides itself on offering quality clinical and non-clinical services. Every patient is encouraged to complete a satisfaction questionnaire following their treatment and we regularly obtain monthly scores in excess of 94% of patients whose overall satisfaction was either very good or excellent.

At The Harley Street Clinic, minimising the risk of healthcare associated infection - including MRSA infection and C.Difficile - is a matter of continuous vigilance, with robust infection surveillance systems and ongoing training of staff at all levels in hospital hygiene. Our entire infection control procedures are supervised and reinforced by our experienced and dedicated Infection Control Nurses and Consultant Medical Advisers.

REFERRAL PROCESS

UK REFERRALS

Referral to any of our specialists can be made either from a General Practitioner or on a tertiary basis from Consultant to Consultant.

OVERSEAS REFERRALS

The Harley Street Clinic welcomes patients and their families and carers from overseas. We aim to provide cultural support for such patients and have arabic interpreters readily available who are able to liaise between the family and the hospital's clinicians and support staff. We can also arrange for interpreters to be available in many other mainstream languages.

Referrals are generally made from the consultant doctor based in the home country to the Harley Street consultant.

Patients from overseas generally either pay for treatment themselves or are sponsored by their Embassy or Military/Medical Attaché.



SPECIALIST CENTRES OF EXCELLENCE

THE LONDON GAMMA KNIFE CENTRE AT BARTS

The Centre, with the latest Gamma Knife – Perfexion - is based at the heart of St Bartholomew's Hospital having moved in 2009 from Harley Street where the team had amassed 10 years experience using Gamma Knife technology to help and treat hundreds of patients with brain tumours.

MOLECULAR IMAGING CENTRE

The Molecular Imaging Centre has the latest generation PET/CT Scanner and two Gamma Cameras, one with SPECT/CT capabilities.

Based at 154 Harley Street, the Centre offers the latest nuclear medicine diagnostics that investigate physiological processes within the body. Providing doctors with information about both structure and function, nuclear medicine tests gather medical information that would be otherwise unavailable. Unnecessary surgery can be avoided as can more expensive diagnostic tests, whilst the tests can identify abnormalities very early in the progress of a disease.

HARLEY STREET AT THE GROVES

Opened in September 2010, Harley Street at The Groves is a purpose-built , modern private diagnostics and outpatient facility based on-site with The Groves Medical Centre in New Malden, Surrey.

Experienced Consultants from a wide range of surgical and medical specialities including cardiology, ENT, breast care, gynaecology, IVF, paediatrics and orthopaedics have access to the very latest diagnostic technology including MRI, Ultrasound, Digital Mammography and Digital X-Ray. A comprehensive range of cardiac diagnostic testing is also available including stress ECG.



WEB SITES

MORE INFORMATION CAN BE FOUND FROM OUR VARIOUS KEY WEB SITES:

www.theharleystreetclinic.com

www.cyberknifecentre.london.co.uk

www.thelondongammaknifecentre.co.uk

www.harleystreetatthegroves.co.uk

www.molecularimaging.co.uk

HOW TO CONTACT US

THE HARLEY STREET CLINIC

35 Weymouth Street, London W1G 8BJ

Telephone (Switchboard): +44 (0)20 7935 7700

Fax: +44 (0)20 7487 4415

email: info.harleystreetclinic@hcahealthcare.co.uk

HARLEY STREET AT THE GROVES

171 Clarence Avenue, New Malden KT3 3TX

Telephone: +44(0)20 8942 6555

Fax: +44(0)20 8949 2223

email: info.hsatg@hcahealthcare.co.uk

CYBERKNIFE CENTRE LONDON

81 Harley Street, London W1G 8PP

Telephone : +44 (0)20 7034 8588

Fax : +44 (0)20 7034 8589

email: info.harleystreetclinic@hcahealthcare.co.uk

THE LONDON GAMMA KNIFE CENTRE AT BARTS

Kenton Lucas Building, St Bartholomew's Hospital
West Smithfield, London EC1A 7BE

Telephone : +44 (0)20 3465 6006

Fax: +44 (0)20 3465 7277

email: info@thelondongammaknifecentre.co.uk

THE MOLECULAR IMAGING CENTRE (for PET/CT and Nuclear Medicine)

154 Harley Street, London W1G 7LJ

Telephone: +44 (0)20 7725 6800

Fax: +44 (0)20 7725 6868

email: anita.harte@hcahealthcare.co.uk



THE HARLEY STREET CLINIC

35 Weymouth Street, London W1G 8BJ

Telephone (Switchboard): +44 (0)20 7935 7700

Fax: +44 (0)20 7487 4415

Web: www.theharleystreetclinic.com

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