



London Craniofacial Unit

World-class surgery for head, neck and brain

PATIENT BROCHURE

Welcome to the London Craniofacial Unit (LCU), a unique organisation specialising in world-class surgery for the head, neck & brain for both adults and children.

Our leading team of experts undertake over 100 transcranial Craniofacial cases per annum, which makes us one of the largest services of this kind globally.

Our patients are managed via a highly specialised multidisciplinary team approach, where adults and children are cared for by the best doctors and allied health professionals in the industry, spanning Paediatricians, Craniofacial surgeons, Neurosurgeons, Oral & Maxillofacial surgeons, ENT specialists, Ophthalmologists, Speech and Language Therapists, Geneticists, Orthodontists, Psychologists, Plastic Surgeons and other specialist experts.

Family-centric practice

LCU is a family centered practice and our specialist team is passionate about caring for you, your child and their wellbeing and not just the issues that the world can see. We support your whole family through the various challenges and are there for you when you need us most.



Day Shift 08:00-18:00
We have planned to have an study today
We have no study today

Night Shift
We have planned to have an study today
We have no study today

Nurse in Charge today is
Ward nurses name is

Visitors Information
We kindly ask that all visit
left this ward by 18:00pm
children to rest.

Please speak with the
Nurses in charge if you
need more information

Activities on at QCCS
Today:
10:00-11:00
11:00-12:00
13:00-14:00
15:00-16:00
17:00-18:00
19:00-20:00
21:00-22:00
23:00-24:00

Mother's Admission Day
New Dates:
1. 08 December 2016
2. 29 December 2016
3. 14 December 2017

Infusion pumps
You can now use for operating in the operating
an entire 4 year old machine

- 100% of the machines are working

1/16/17

Compassionate experts with unrivalled experience

LCU was founded by Mr Owase Jeelani, Head of Clinical Neurosurgery and Professor David Dunaway, Head of Craniofacial & Reconstructive Surgery at Great Ormond Street Hospital, with the mission to offer patients the only full-service private trauma, head, neck and brain surgical practice in the UK and internationally. Our founders have performed more international complex cases than anyone else in the world and are able to treat the most minor of conditions to the most highly complex. We have access to the best medical facilities, allied with the best neurological rehabilitation facilities available in the UK. Our founders successfully performed the separation of the conjoined twins Rital and Rigag from Sudan in 2011 at the head and have now successfully separated two pairs of twins.

Our clinical practice is supported by a dedicated research programme termed 'FaceValue', based at the Institute of Child Health at University College London. This is a team of surgeons, research scientists, biomedical engineers and software specialists that focus on defining what constitutes normal and abnormal Craniofacial Morphology and developing distractors and surgical techniques to affect this change in a safer and more predictable fashion.



**LCU offer
the largest
full spectrum
reconstructive
trauma practice
in the UK**



To know when to operate requires just as much experience as how to operate – the risk and benefits of all treatments are carefully considered for each case



Meet the team

Mr Owase Jeelani

BMedSci, MBBS, MBA,
MPhil (Medical Law), FRCS
(NeuroSurg)

Mr Owase Jeelani is a Consultant Paediatric Neurosurgeon and has worked at Great Ormond Street Hospital for Children (GOSH) part time since 2000 and full time since 2009.

He is the Head of Clinical Neurosurgery and holds an Honorary Senior Lectureship at the Institute of Child Health, University College London. Mr Jeelani says: "We believe that the care our patients receive within the Neurosurgery and Craniofacial departments at GOSH is second to none.

This is based on decades of high case volumes, sub- specialisation within paediatric neurosurgery, a multidisciplinary approach to patient management and a stringent contemporaneous audit of all our activity".



Mr Jeelani's vision was to replicate the same high standard of integrated care available at the Neurosurgery and Craniofacial facility at GOSH in the private sector, with the inception of London Craniofacial Unit.

Mr Jeelani was named in 'The Times' top 100 surgeons in the UK in 2011 and the top 100 Children's doctors in 2012.



Professor David Dunaway
CBE FDSRCS FRCS (Plast)

Professor David Dunaway is a Plastic & Craniofacial Surgeon. He graduated from the University of Manchester in 1989 and became a Fellow of the Royal College of Surgeons in 1992.

In July of 2000 he joined the Plastic Surgery and Craniofacial Unit at Great Ormond Street Hospital for Children where he now leads the Craniofacial Service. He is a member of the Adult Craniofacial Service based at University College London Hospital and the Eastman Dental Hospital.

David is also Professor of Craniofacial surgery at the UCL Institute of Child Health where his research interests include the study of congenital facial deformity, craniosynostosis, three dimensional facial imaging and craniofacial distraction devices. In 2014 he was awarded a Hunterian Professorship by the Royal College of Surgeons for his surgical research.

David Dunaway's independent Craniofacial practice takes place through the London Craniofacial Unit.

In 2016, David received a CBE in the Queen's Birthday Honours list for services to facial surgery. He is named in 'The Times' top 100 Surgeons list, 'The Times' top Children's doctors list and by 'Tatler' magazine as a leading cosmetic surgeon for facelifts.



Mr Tim Lloyd
BDS MB BS FDS RCS Eng. FRCS
(OMFS)

Mr Lloyd is the Senior Consultant Craniofacial, Oral and Maxillofacial surgeon at the Eastman Dental Hospital and was appointed at UCLH NHS Foundation Trust in 2002 with a primary role in leading the facial deformity and maxillofacial trauma services.

Mr Lloyd qualified as a dentist in 1984 from UMDS (Guy's Hospital). After a period as an oral surgery registrar at Stoke Mandeville Plastic Surgery and Jaw Injuries Unit, he entered medical school with a Newland Pedley Scholarship in 1988. He qualified with a distinction in surgery in 1993. While studying medicine in 1991, he obtained his fellowship in dental surgery. He completed his specialist

training in Oral and Maxillofacial surgery at Queen Mary's Hospital Roehampton and University College Hospital London in 2001. Post fellowship, Mr Lloyd spent a brief time at the world renowned Facial Deformity Unit in Chapel Hill, North Carolina in the USA.

Since his appointment in 2002, he has been the clinical lead for Oral surgery until 2011, appointing three consultant colleagues. He continues to support his Oral surgery colleagues and trains Oral surgery trainees on regular Oral surgery lists.

Mr Lloyd's major focus over the past ten years has been developing a multidisciplinary Adult Craniofacial and Facial Deformity service with his colleagues at University College London Hospital, Great Ormond Street Hospital for Children and the Royal National Throat Nose and Ear Hospital. He has one of the busiest Orthognathic practices in the UK. With his colleagues, Mr Lloyd has been able to have the same multidisciplinary approach in his private practice based at 152 Harley Street. Working alongside his colleagues since 2010, he has regularly worked with charity "Facing Africa" to reconstruct the faces of Noma victims.



Having treatment with us

When you choose LCU for you or your child's procedure, you can expect only the highest level of patient care and satisfaction available in the industry.

Our united and dedicated team will look after you from the very first phone call or meeting and provide you with detailed treatment plans, containing clear and precise pre and post-operative information, to ensure a smooth patient journey.

For our Middle Eastern patients, we have an Arabic speaker who can assist you with all of your language needs at every step of the journey.

Our Clinics & Hospitals

London Craniofacial Unit is based on the 3rd floor at 152 Harley Street. Consultations, local anaesthesia cases for adults and children and sedation cases for adults are all undertaken here.

We also operate at a number of other hospitals, including The Wellington Hospital for adult plastic & reconstructive procedures and The Portland Hospital & Great Ormond Street Hospital for children's procedures.

Our facilities have world-class reputations and medical support staff, so you can rest assured that you or your child will be in the safest hands at all times.



LCU have the in-house ability, capacity & unrivalled experience in dealing with even the most complex of surgical cases



Appointments

When you or your child attends an appointment with us, please note that;

- On arrival at your appointment you will be asked to fill out a registration form.
- Self-funding patients should call **0207 467 3009** for payment details and quotes prior to their appointment.
- Patients who are insured by a UK based insurance company will need to provide a GP referral letter, membership number and pre-authorisation number in order for LCU to invoice the insurance company directly.
- Patients who are insured by an International insurance company will be required to self pay for the initial consultation and claim directly from their insurance company.
- If surgery is required, this can be billed directly to an international insurer with a letter of guarantee for payment.
- Patients who are sponsored by an embassy are required to provide a letter of guarantee prior to their appointment.
- Letters of guarantee can be faxed to our office on **0207 467 3009** or emailed to **office@LCUUK.com**

A letter of guarantee can also be given to the practice manager on the day of your appointment.

Craniofacial Surgery

Craniofacial deformities are rare, complex medical conditions and should only be managed by a team of professionals with extensive experience. We start by undertaking a comprehensive craniofacial assessment in the various LCU clinics (Ophthalmology, ENT, Genetics clinic etc). Some patients may only be required to attend 2 or 3 of these clinics, whereas others may need to attend a larger number of clinics for this assessment depending on their diagnosis. At the end of these assessments, a comprehensive report is put together highlighting the various issues involved. We would then discuss the management plan. Treatment options range from local measures to improve breathing, vision and other modalities to craniofacial surgery. Parents and carers are thus educated in the management of these children with craniofacial conditions.

Trauma & Reconstructive Surgery

LCU offer a complete service for reconstruction and rehabilitation following cranial and facial trauma. We have specialist experience in treating facial and head traumas such as gunshot wounds and wounds caused by ammunition.

Recovery from facial and head injuries is often a complex and lengthy process. Facial and cranial trauma requires the use of modern diagnostic techniques and treatment strategies and often needs to be integrated with therapies to aid neurological and functional recovery.

Successful rehabilitation needs to take into account the need to restore form and function along with the psychological challenges of recovery. For adults and children with complex problems, our treatment starts with a detailed assessment, where all of the key specialists required address the various issues. LCU has access to all the imaging and investigative techniques needed for such bespoke treatment planning. Following this assessment, a detailed treatment plan outlining the surgery and rehabilitation is made and the treatment is undertaken in one of our state-of-the-art facilities.

Neurosurgery

The Neurosurgical aspect of craniofacial conditions, require the services of a specialist Paediatric Neurosurgical Service. These conditions may be complicated by IntraCranial Pressure issues, Cerebrospinal Fluid circulations problems, Venous hypertension and problems at the Foramen Magnum such as Chiari Malformations. These are rare conditions that can often be difficult to diagnose and managed by non-specialists, as the treatment strategies that may be appropriate in children that do not have craniofacial conditions do not necessarily prove effective to this section of patients.

At LCU, our Neurooncology services are based within the multidisciplinary team at Great Ormond Street Hospital, the largest of its kind in the UK. We have expertise in managing all paediatric brain tumours, as well as craniofacial tumours. These are rare tumours that often require multimodal treatment in the form of surgery coupled with adjuvant treatments such as chemo and radiotherapy.

Hydrocephalus is the most common condition managed by paediatric neurosurgeons. A number of treatment options are available including endoscopic procedures and a detailed understanding of cerebrospinal circulation problems is required to advise on and carry out the most optimal treatment plan. Managed inappropriately, infections and other complications can often result in the child requiring multiple surgical procedures with sub optimal results.

Selective dorsal rhizotomy SDR is a neurosurgical procedure, which involves dividing some of the dorsal nerve roots running from the legs to the spine. This procedure is effective at reducing lower limb spasticity permanently in children with cerebral palsy and spastic diplegia. We use the single level microsurgical technique, as developed by Dr TS Park in St Louis. In carefully selected children, SDR leads to increased mobility, independence and improved quality of life.

Oral & Maxillofacial Surgery

As an integral part of the multidisciplinary approach, LCU offer a complete Oral & Maxillofacial surgery service for both adults and children. Oral and Maxillofacial surgery is a medical specialty and the service is provided by consultants who have both a medical and dental qualification. The service at LCU is led by Mr. Tim Lloyd, a senior Consultant Oral & Maxillofacial surgeon from UCLH NHS Foundation Trust and the Eastman Dental Hospital, the largest post graduate dental hospital in the U.K. Mr. Lloyd previously led the Oral surgery department at the Eastman Dental Hospital and continues to be a highly regarded trainer by the post graduate dentists. He is now clinical lead for facial deformity and Craniofacial surgery at UCLH. We provide a comprehensive service dealing with the diagnosis and treatment of patients with diseases & defects affecting the mouth, jaw including temporomandibular joint, face and neck. LCU specialise in treating children who have been born with or who develop deformities of the skull, face or jaws. Our adult Maxillofacial service focuses on reconstructive surgery following injury or trauma & treatment for oral cancer and skin tumours of the face and head. In addition to surgery, we also deal with the diagnosis and non-surgical management of facial and dental pain & oral mucosal disease. Our goal is to replicate the world-class multidisciplinary service available at UCLH and GOSH in the private sector.

Orthognathic and Facial Deformity service

In addition to Oral & Maxillofacial surgery, LCU is proud to offer patients a specialist Orthognathic treatment, to correct conditions affecting the bite and facial balance, due to a discrepancy in the growth of the jaws. Patients often have problems biting on their front teeth and find it very difficult to eat sandwiches or pizza. This can often be treated by orthodontics alone and joint orthodontic and surgical approaches that move the jaws. These procedures can be supplemented with facial aesthetic procedures such as genioplasty, cheek implants and soft augmentation and resuspension. Mr. Lloyd has one of the biggest orthognathic practices in the UK and works with Dr. Daljit Gill, both at UCLH and LCU. The continuity of the team providing the treatment is paramount in obtaining the optimum result. Additionally, orthognathic surgery can be used to treat sleep apnea.

Head and Neck Surgery

With the expertise of Mr. Luke Cascarini, LCU offer a specialist service for the diagnosis, treatment and care of head and neck cancer, which includes tumours of the mouth, jaw, throat and neck. Our head and neck diagnostic service ensures that patients have access to the rapid investigation of unexplained cervical lymphadenopathy, abnormal red or white patches in the mouth, persistent oral ulceration or swelling, voice change and dysphagia. Our patients can immediately undergo diagnostic tests including blood tests, ultrasound and needle aspiration cytology, upper aero-digestive tract endoscopy and biopsy under local anaesthetic. Mr. Cascarini surgically removes cancerous tissue and reconstructs bone and soft tissue using evidence-based reconstructive techniques. In cases of mouth and throat cancer, Mr. Cascarini is pioneering robotic surgery, which allows him to gain access to otherwise difficult inaccessible tumours, whilst minimising tissue damage to aid a smooth recovery and achieve an overall great outcome in terms of both functionality and cosmesis.

International Patients

At LCU, we pride ourselves on our exceptional care & experience in looking after our international patients. We liaise with recognised entities such as Embassies & Insurance Companies to ensure that your experience with us is second to none. Our specialist team can assist you with everything from selecting the best medical treatment for you or your child's specific needs, to arranging appointments, in-patient care, organising final accounts & billing. LCU can give detailed medical opinions and potential treatment plans and costs remotely, whilst the patient is in their home country. We can also advise regarding specific diagnostics that can potentially be performed in the home country to save time and potential costs.



**Complex Adult & Paediatric surgery
from the UK's top head & neck surgeons**

Self-funding Treatment

For patients who are self-funding, LCU will design a bespoke package incorporating all of the necessary diagnostics, surgery and aftercare following an initial consultation and assessment or a remote video consultation for international patients.

Your bespoke package will incorporate;

- Consultant & Anaesthetist fees
- Diagnostic fees, i.e. scans or other diagnostic consultations
- Hospital/Facility fee

Insured Patients

LCU is recognised by the majority of private health insurance companies. Your medical insurance company will pay the anaesthetist & surgeon fees separately to their payment to the hospital for the facility fee. Please be sure to check with your insurance company that they cover all aspects of you or your child's treatment. You are liable for any fees unpaid by your insurer.

Please be aware that your private medical insurance might not cover everything, for example take-home medications & non-clinical services & there will be a charge for these, which will automatically be added to your personal account & settled before you or your child are discharged.

We look forward to welcoming you to LCU very soon. Rest assured that our friendly team is here to help you every step of the way. Please refer to our website for further information about the practice, our surgeons and having surgery with us.



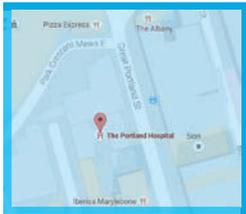
Our Locations



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**152
Harley Street**



.....
**Great Ormond
Street Hospital**



.....
**The Portland
Hospital**



.....
**The Wellington
Hospital**

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London Craniofacial Unit

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