

# Telemedicine Great Ormond Street Hospital for Children



# Introduction to Great Ormond Street Hospital for Children

**Great Ormond Street Hospital (GOSH) is a globally renowned children's hospital, championing innovation across more than 60 clinical specialties and providing ground-breaking treatments for the rarest and most complex conditions.**

GOSH is a pioneer of cutting-edge and innovative medical technology, working at the forefront of the field to continuously deliver the medicine of the future.

Our expert team of over 300 world-leading consultants deliver 360-degree, multi-specialty care with the child at the centre. As champions of the highest calibre of paediatric care, our teams are dedicated to quality, integrity and safety, and are supported by a globally recognised National Health Service.

We are committed to achieving the best possible results by consistently measuring outcomes and value against the highest international standards, and our collaborative approach to international partnerships mean we are dedicated to sharing best practice in a transparent and empowering way.

Located in the heart of London, GOSH is a British institution with royal patronage and a 160-year history.

## **GOSH as a world leader:**

- The leading centre in the world for gene therapy in children
- One of the three largest centres for children with cancer/leukaemia in the western world, and the largest in Europe
- One of the two largest centres in Europe for paediatric bone marrow transplantation (BMT)
- One of the largest heart transplant centres for children in the world and the largest paediatric cardiac programme in the UK
- The largest epilepsy surgery centre in Europe and the largest centre for paediatric brain surgery in the UK
- The leading centre in Europe for the management of conjoined twins
- The largest paediatric centre in the UK for intensive care
- The largest paediatric centre in the UK for renal transplantation
- The largest paediatric centre in the UK for craniofacial reconstruction
- As part of the UCL Great Ormond Street Institute of Child Health (ICH), GOSH provides Europe's largest academic centre for research and education in children's health and disease
- The largest paediatric centre for Interventional Radiology in Europe - we perform 3,600 procedures each year in state-of-the-art facilities



## Telemedicine at GOSH

**GOSH has a collaborative approach to international partnerships and is dedicated to sharing best practice in a transparent and empowering way.**

Telemedicine helps eliminate geographical barriers and improves access to world-leading medical services for patients and clinicians across the globe. It offers convenience to patients and clinicians with consultations scheduled to suit their requirements.

“GOSH is a world-class hospital with international reputation. GOSH's video consultations are arranged very efficiently and the consultants are very patient and meticulous. We are touched by GOSH's professionalism and dedication. In the future, I expect more Chinese patients and families to know about GOSH, trust GOSH, and finally choose GOSH for medical treatment. I hope that through the close cooperation between Saint Lucia and GOSH, we can help more Chinese children who suffer from illness and let the children smile.”

**From Dr Fei LIU, Medicine Director of British Project Dept, Saint Lucia Consulting**

### **The mission of our telemedicine service is to:**

- Ensure world-leading healthcare is accessible to children from around the world
- Encourage the sharing of expertise among healthcare professionals, so that more children around the world can benefit from developments in paediatric healthcare

### **Benefits of telemedicine at GOSH**

- Rapid access to world leading experts in children's healthcare
- Case discussion in GOSH multi-specialty team setting to optimise treatment plans for complex patients
- A dedicated overseas referral team to manage your enquiries
- Flexible scheduling: London has core business hours which overlap with most other global zones. We offer flexibility scheduling to link at your convenience
- High quality healthcare advice which may be otherwise unobtainable.
- Opportunities to establish clinical partnerships with GOSH experts to share knowledge, experience and skills
- Cost and time effectiveness through reduced traveling and more effective consultations
- Secure data transfer of medical reports and clinical imaging to protect patient privacy and confidentiality

## Telemedicine services

We offer a wide range of telemedicine services to meet your individual needs, including:

### **Second Medical Opinion:**

When faced with a complex or rare medical diagnosis, patients, families and healthcare professionals can ensure they make the right decision for treatment with the help of an expert opinion from one of the world's leading paediatric specialists at GOSH.

Our second opinion consultation gives patients, families and clinicians access to a GOSH specialist without having to travel. A GOSH consultant will review the patient's medical records and provide a detailed report within 5 business days. The consultant is also available to discuss the patient's case and subsequent report via video conference with both the patient, family and local consultant.

### **Regular clinic slots and MDT case discussions:**

Our consultants are available to attend weekly, bi weekly or monthly 2-hour slots for patient case discussion to review, discuss diagnosis and treatment options. Multi-specialty team (MST) case discussions are also available with a team of GOSH experts from a range of relevant specialities. These formal discussions will allow both teams to benefit from mutual knowledge sharing.

### **Grand Round support:**

The GOSH team can be present to join your Grand Round discussion, if broadcast through video conferencing technology.

### **Training sessions:**

As part of our wider education and training service, we offer ad hoc bespoke lectures that can delivered online by GOSH experts to your clinical teams. Our online, interactive training sessions use videoconferencing technology to allow various teams in multiple locations to access and participate in an educational event run by GOSH.

### Interpreting support

We will work with you to provide and deliver expert medical interpreting support should this be needed. This must be agreed beforehand so we can deliver on your language requirements.

## Service Options

Service	Overview
<b>Second Medical Opinion</b>	Mostly one off ad hoc session with GOSH specialist Session might include more than one GOSH consultant, case dependent
<b>Ad hoc consultation</b>	Consultant-to-consultant conversation
<b>Regular clinic slots</b>	Agreed weekly/bi weekly/monthly 2-hour slots for case discussion
<b>MST case discussion</b>	GOSH multi specialty team present
<b>Grand Round support</b>	GOSH multi specialty team present to join Grand Round discussion
<b>Training sessions</b>	Ad hoc bespoke lectures delivered by GOSH experts to clinical teams

## Technology

GOSH works with BlueJeans, the world's leader in cloud video conferencing, to provide secure telemedicine consultations across the world. Multiple audiences are able to join a secure virtual meeting space where all shared documents are protected by encryption. For more information about BlueJeans visit [bluejeans.com](https://bluejeans.com)

Our telemedicine consultation process is simple, requires no software installation and is accessible across the globe:

**Step 1:** Email your request and any relevant information to [IPPtelemedicine@gosh.nhs.uk](mailto:IPPtelemedicine@gosh.nhs.uk)

**Step 2:** We will respond to arrange the consultation and acquire any further information needed.

**Step 3:** Prior to the consultation you will be emailed a link that once clicked, will allow you access to the virtual meeting space.

Our expert IT telemedicine team will be on hand to provide support during the set up and are available to arrange test runs half an hour before the agreed time slot, if required. GOSH has a multi-disciplinary team to support telemedicine delivery that includes clinical, administrative and IT departments.

## Specialties

**Telemedicine is offered in a range of specialties including:**

Audiological Medicine	Haematology	Oncology
Bone Marrow Transplant	Haemophilia	Ophthalmology
Cardiology and Cardiac Surgery	Immunology	Orthopaedics and Spinal
Cleft Lip and Palate	Infectious Diseases	Pathology
Craniofacial	Intensive Care and Neonatal Intensive Care	Plastic Surgery
Dental and Maxillofacial	Metabolic Medicine	Radiology
Dermatology	Nephrology	Respiratory Medicine
Ear, Nose and Throat	Neurodisability	Rheumatology
Endocrinology	Neurology	Specialist Neonatal and Paediatric Surgery
Gastroenterology	Neuromuscular	Urology
General Paediatrics	Neurosurgery	

### Make a referral

To make a referral for telemedicine or for more information about the service, please get in touch via [IPPtelemedicine@gosh.nhs.uk](mailto:IPPtelemedicine@gosh.nhs.uk)

Great Ormond Street Hospital for Children NHS Foundation Trust,  
International and Private Patients Service,  
Octav Botnar Wing,  
London,  
United Kingdom  
WC1N 3RD

**T** +44 (0)20 7762 6822

**F** +44 (0)20 7762 6743

**E** [ipptelemedicine@gosh.nhs.uk](mailto:ipptelemedicine@gosh.nhs.uk)

**W** [www.gosh.ae](http://www.gosh.ae)

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 [Great Ormond Street Hospital for Children NHS Foundation](https://www.linkedin.com/company/gosh)