

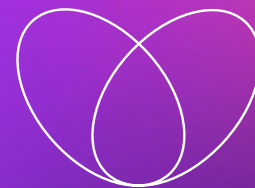


Children's Hospital Appeal

Transforming care for children



Creating a world-class children's health campus



We are taking a bold step forward and creating a world-leading children's health campus that will accelerate breakthroughs in care and treatment.

Central to our vision is establishing the UK's largest Centre for Children's Heart and Lung Health, but we need your support to do it.

For children with complex cardiac and respiratory conditions, we offer more than treatment—we offer a future. By bridging the gap between advanced maternal medicine and specialist paediatric care, our experts provide a lifeline that begins in the womb and sustains a child through every milestone.

Twenty years ago, with support from people just like you, we created a hospital that doesn't feel like a hospital. Crucially, we put the needs of children and families at its heart. Over the following pages you can read about just a few of the thousands of lives that have been changed forever thanks to the generosity of those people. Now is your chance to build on this legacy.

We need partners and supporters who are ready to make a transformative difference. You have the power to advance specialist care, accelerate breakthroughs, and improve children's lives for generations. Join us in our unwavering commitment to putting children and families at the heart of everything we do, and help ensure every child can thrive.



Gubby Ayida, Chief Executive,
Evelina London Children's Hospital

Holding a lifetime of hope in your hands



A child's heart is a tiny yet mighty thing. First beating in the womb at just 21 days, and no bigger than a walnut at birth, a heart powers a lifetime of hope. It is also extraordinarily intricate – and vulnerable to complex, life-threatening, congenital problems.

Today at Evelina London we have a once-in-a-generation opportunity to establish the UK's largest Centre for Children's Heart and Lung Health, by developing a new, state-of-the-art hospital, and harnessing a concentration of world-leading expertise.

Right now, thousands of children's hearts, lungs, and futures depend on expert hands, compassionate care, and the most advanced medical techniques. And they depend on your support, too.

Housed in a purpose built, 12-floor building, designed with patient and family experience at its heart, our new Centre will provide long-term diagnostic services, critical care, and surgical capacity for children with the most complex heart and lung conditions.



“I feel like my heart is fixed!”

Born with a heart condition called ‘transposition of the great arteries’, seven-year-old Hamza has now had two cardiac surgeries and receives ongoing care at Evelina London.

After receiving a diagnosis at their 20-week scan, Hamza’s parents were referred from their local hospital to Evelina London for specialist treatment and care. When he was born, baby Hamza was taken straight to the neonatal intensive care unit for surgery to widen his arteries, using a balloon catheter. A week later, Hamza had an arterial switch operation.



“The care we received at Evelina London was amazing,” says Isata, Hamza’s mum. “Everyone is so understanding and kind. They make the hospital experience way less stressful.” As Hamza recently told his mum, “I feel great; I feel like my heart is fixed!”

Isata, Hamza’s mum



The heart and lungs work as one tightly connected system to keep our bodies supplied with oxygen and energy. Children often present with cardiac problems which directly impact their lungs – or respiratory conditions which place strain on the heart.

Each day, 13 babies in the UK are diagnosed with congenital heart disease

Asthma is the most common long-term condition among children and young people, and is among the top 10 causes of emergency hospital admissions

Respiratory conditions are one of the top three leading causes of death in children aged 5-9

New technologies and treatments mean that more children with complex conditions are surviving infancy and living longer with specialist care needs

But continued advances in genomics, AI, robotics, and advanced gene therapies – including those driven by clinicians and researchers at Evelina London – have the potential to deliver even more effective treatments

Now is the moment to act

Philanthropy will be at the very heart of improving children's care in the new hospital building.

This **£330m** project will be funded through a distinctive financing partnership across private, public, and philanthropic funding. This innovative model is the first of its kind in the NHS - keeping clinical services in public hands, and ensuring philanthropy adds value, rather than replacing state responsibility.

Evelina London seeks **£100 million** in philanthropic funding to establish this complete children's health campus in the heart of London, with the range of services to treat every child, whatever their needs.

Guy's & St Thomas' Foundation will match up to £30 million of this, to help make every donation from individuals and organisations go further.



2026

Preparation of the site underway

2027

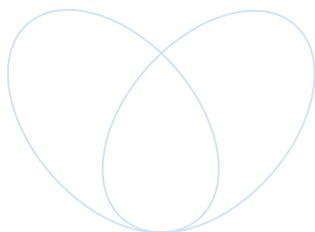
Construction begins

2031

Doors to our new hospital building will open



Professor Steve Turner,
President, Royal College of Paediatrics
and Child Health



“The creation of this new Centre will allow Evelina London to go even further in bringing together all of the holistic medical expertise necessary to really transform young lives for the better.”

Struggling to breathe is one of the most terrifying things that can happen to a child.

As a specialist in respiratory paediatrics, I know that the expert clinicians at Evelina London will bring the absolute best of the NHS to children in London and the South East, as well as providing specialist support for patients and families across the country.”

Creating the UK's largest Centre for Children's Heart and Lung Health

A new child-friendly building, with six floors of clinical capacity and six further floors of life sciences innovation space.

Level 1:

Respiratory unit

A highly specialist respiratory unit for children with the most complex lung conditions, with at least 14 beds and modern inpatient spaces designed for longer stays.

Ground floor:

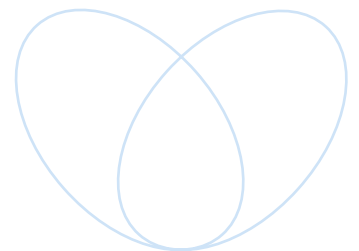
Welcome and Rapid Assessment Centre

A welcoming, child-friendly area that will include play spaces, a café, and waiting areas, all designed to make children feel at ease and as comfortable as possible. We will also create multi-purpose flexible bays for medical services which do not require children to stay overnight, as well as a rapid assessment centre for children arriving from other hospital sites.

Basement:

Specialist imaging and diagnostic suite

Two new MRI scanners, doubling our MRI capacity, and our first dedicated CT scanner for children, to enable earlier diagnosis, better treatment planning, and more personalised care. The imaging suite will also include a dedicated recovery space for children who need to be sedated, so they will no longer need to be admitted overnight.





Level 4:

Cardiac ward

Includes 26 beds, with more single rooms giving children and families privacy and dignity during their care and recovery. The ward will be used for cardiac surgery and post-surgery recovery.

Level 3:

Paediatric intensive care unit

Providing specialist care for critically ill children, this unit will predominantly serve children with complex cardiac and respiratory conditions. With 17 beds, this will increase Evelina London's PICU capacity by over 50% and provide flexible capacity where demand for our neonatal intensive care unit is high.

Level 2:

Surgery

Includes two new cardiac operating theatres with two catheter labs and anaesthetic rooms, with 'smart hospital' technology for improved surgical procedures and improved outcomes. The configuration of new catheter labs (a cross between a theatre and an x-ray room, to carry out non-surgical procedures on the heart) will free the space to create a new general operating theatre in our main site, providing further capacity for surgery in areas where there is an existing NHS backlog, including for children with spinal or orthopaedic conditions.



The top six floors of the new building will house life sciences partners, supporting discovery science, translational research and rapid adoption of new technologies and therapies into clinical practice.

The design will bring together industry, academic institutions, and healthcare teams to foster partnerships and commercial opportunities. These will generate income to reinvest in further development of NHS services while accelerating innovation.



Professor David Barron,
Chief of Paediatric and
Congenital Cardiac Surgery,
Evelina London Children's Hospital

"This will be the only children's health campus in the country that has everything together on site, from fetal diagnosis to neonatal care, and from paediatric into adult care, and with the patient volumes to drive innovation in treatments and surgical techniques.

With this new building, Evelina London will be in a prime position to be the leading children's hospital in the UK."

The new hospital in numbers

The new building, transfer of services, and reconfiguration of services at our existing site will result in:

55%

projected total
gross increase
in capacity to
treat and care
for children and
families

103

additional
inpatient
beds across
Evelina London
Children's
Hospital

4,300

more children
treated as
inpatients
each year

**2,500 CT scans
and 8,000 MRI scans**

each year to enable faster
diagnosis for children with
complex conditions

**600 non-cardiac
and 800 cardiac
surgical procedures**

every year in new and
repurposed theatres,
expanding access to
life-changing and
life-saving operations

More life-changing surgery

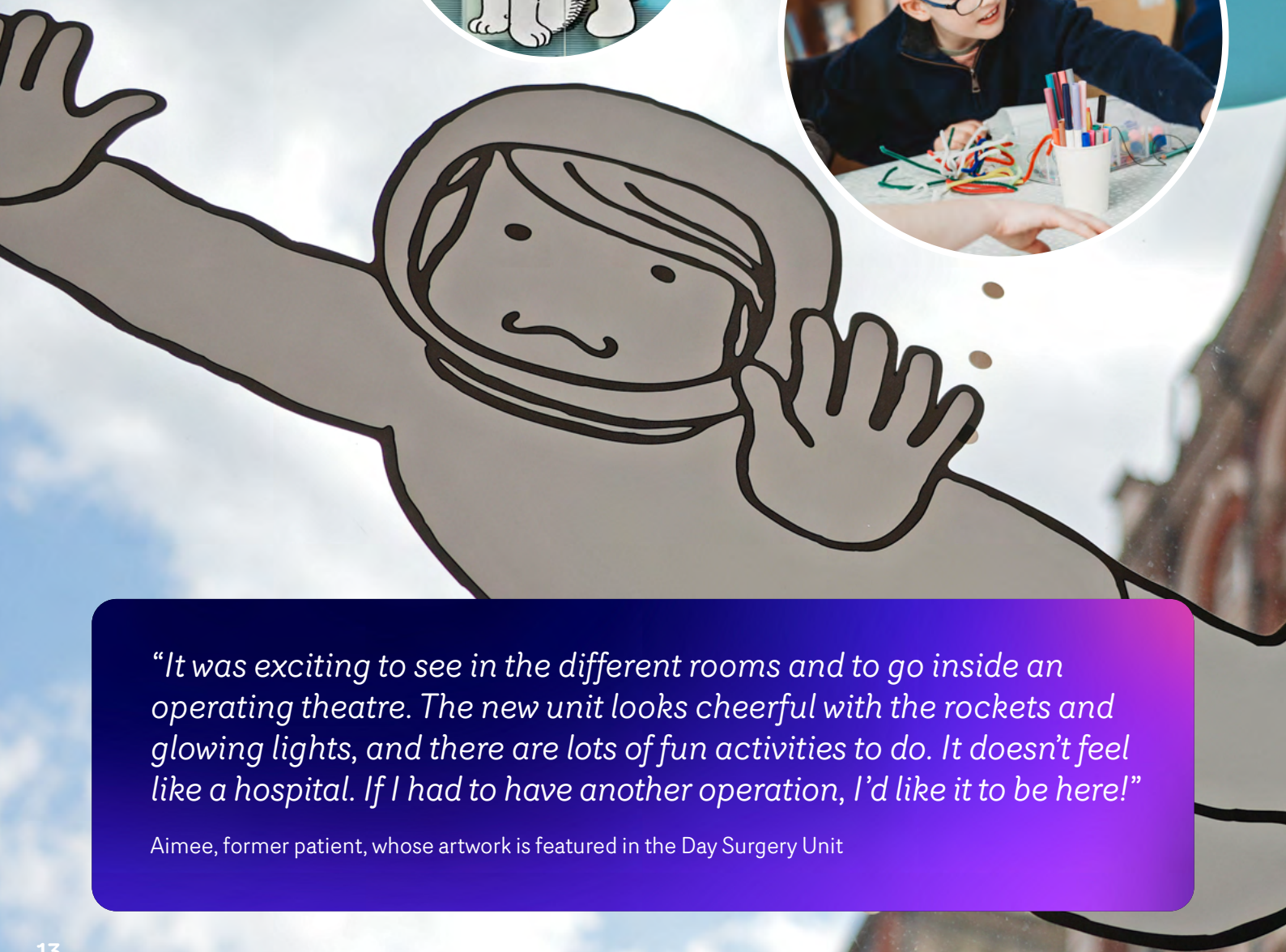
At Annabelle's 20-week-scan she was diagnosed with a congenital heart disease. Living in South Lanarkshire, Scotland, her parents and doctors felt that Evelina London's cardiology team would give her the best available care. They didn't hesitate: they made the 400-mile journey.

With the creation of two new cardiac operating theatres our new hospital building will be equipped to perform more life-saving surgeries. This additional capacity will also free up theatres in the existing hospital for non-cardiac procedures meaning more children and young people can access the treatment they need.



“Annabelle was one of the smallest patients with Hypoplastic Left Heart Syndrome that we’ve cared for at Evelina London. This means that she’s needed more surgeries to make sure her body is getting enough blood and oxygen. As one of the few specialist hospitals in the UK that performs surgeries needed to treat such small babies with HLHS, we’re proud to provide exceptional care for children and families.”

Hannah Bellsham-Revell, Consultant Cardiologist, Evelina London Children's Hospital



"It was exciting to see in the different rooms and to go inside an operating theatre. The new unit looks cheerful with the rockets and glowing lights, and there are lots of fun activities to do. It doesn't feel like a hospital. If I had to have another operation, I'd like it to be here!"

Aimee, former patient, whose artwork is featured in the Day Surgery Unit

Designed with children

We are working closely with patients and families to shape the design, so that the new spaces closely match their needs and aspirations.

We are running in-person focus groups, workshops at local primary schools, and interviews on wards and in waiting areas.

Children and families value:



**Calming spaces
and sensory
tools that reduce
anxiety**



**Toy stations, games
consoles, and arts
and crafts to reduce
boredom while
waiting**



**Books and
a library to
maintain
learning**



**Comfortable
beds and chairs,
with music in
waiting areas**

Evelina London has always taken this approach, and demonstrates the value of art, design, and facilities in making our buildings feel less like a hospital. This helps calm and distract children at what can be an extremely frightening time in their lives.

Spotlight: Advanced Medical Imaging

Expanding our hospital creates the space to place advanced imaging side-by-side with critical care, cardio-respiratory clinical teams, and research.

Top-of-the-range MRI and CT imaging equipment will support children with cancer, cardiac conditions, respiratory disease, and rare disorders.

Imaging innovation has already enabled major developments in treatment, including the ability to scan very young children without anaesthesia, reducing risk and trauma.



Our new Centre will:

- ♡ Advance fetal imaging in combination with computational modelling, so we can more accurately determine the risk of babies being born with serious and life-threatening cardiac issues requiring immediate intervention
- ♡ Develop our 3D printing to support surgical planning for babies born with congenital heart disease
- ♡ Use computational fluid dynamics and VR to model the impacts of different surgical options to determine which surgical approach will give a better outcome for the baby



Pioneering life-saving treatment for Molly

Born 10 weeks premature, Molly contracted a rare virus that developed into bronchiolitis and sepsis. She was urgently transferred to Evelina London for Extracorporeal Membrane Oxygenation (ECMO), a temporary life support system used when the heart or lungs fail. She spent seven weeks in intensive care, supported round the clock by specialist ECMO nurses, while her loved ones stayed in nearby accommodation for families, which is partly funded by the Charity.

Every year, approximately 200 children in the UK require lifesaving ECMO treatment. Evelina London was the first paediatric hospital in the UK to pioneer a specialised form of respiratory ECMO for very small babies, returning blood through a vein in the groin rather than the carotid artery to reduce the risk of complications such as stroke.

Since Molly's treatment, Evelina London clinicians have trained teams across the UK and internationally, helping to spread this life-saving approach.



"If it wasn't for the ECMO machine and the amazing team at Evelina London, Molly would not be here today. What Evelina London did for Molly, and our family was nothing short of a miracle."

Rose, Molly's mum



For more information on how you can help, please contact:
philanthropy@gsttcharity.org.uk

Alternatively, click [here](#) to visit the project website.