

BEAR FACTS

Find out about
the Charity with all
the latest news
and updates from
2022/23

tchc.org.uk
0114 321 2470



**The
Children's
Hospital
Charity.**

Registered Charity No. 505002

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The Charity Team would like to say a big thank you to the children and families featured in this edition of *Bear Facts*.



Hello,
I'm Theo

Get in touch

The Children's Hospital Charity,
Western Bank,
Sheffield, S10 2TH

Tel: **0114 321 2470**

Email: **support@tchc.org.uk**

Web: **tchc.org.uk**

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**Your support
changes lives
like Dexter's**

On 22nd December 2022, three-year-old Dexter left his father's side and ran between two parked cars in the road, where he was hit by a car going 30mph.

The driver of the car gave rescue breaths at the scene and then, when emergency services arrived, Dexter was intubated and ventilated before being airlifted to Sheffield Children's.

Following the accident, Dexter had an MRI, which diagnosed him with a Diffuse Axonal Injury, which is when the brain has areas of bruising and swelling. He spent a total of 12 weeks in hospital and has since come a long way, learning to walk, talk and eat all over again.



He underwent various ultrasounds, scans and blood tests to find out how much damage had been caused by the accident. Dexter was put in a medically induced coma, which are often used following a severe brain injury to reduce the risk of further raised brain pressure and allow a period of brain pressure monitoring.

Dexter was sedated for three days in a coma like state, and it was nearly another week before his eyes opened fully after the team stopped giving him medication.

He was discharged at the beginning of January 2023 and his family are now learning to adapt to the next stage of his journey.

The completion of our Helipad Appeal this year means that, thanks to your support, future patients like Dexter will land directly on the hospital, providing privacy and dignity for families.

Find out more about the helipad on **page 10**.

Sheffield Children's is amazing

Our doctors and nurses at Sheffield Children's treat every condition imaginable to change the lives of our patients and families. Every day we can help to make a difference.

Did you know Sheffield Children's is one of just three specialist standalone children's hospitals in the UK?

- 1 **Sheffield Children's**
- 2 **Alder Hey**
- 3 **Great Ormond Street**

Children and young people travel to Sheffield from all over the country, and even the world, for ground-breaking medical treatment. This makes the hospital one of the nation's best for paediatric care, and home to some of the UK's leading clinicians. Sheffield Children's even had patients from the **United States, India and Egypt** in 2022/23.



How much do you know about Sheffield Children's?

Mental Health Support Teams currently work with

50 schools

in and around Sheffield to provide children and young people with early intervention and preventative mental health support.



Patients travel as far as **100 miles** to Sheffield Children's Sleep Team for specialist treatment.

Sheffield Children's respite centre, Ryegate House, had **895 overnight stays**

in 2022/23, to help families of children with neurodevelopmental conditions.

341 active research studies

are run in the Clinical Research Facility, with sponsors from across Europe and as far as USA.

10,214 inpatients

were admitted to one of the wards at Sheffield Children's, staying for a total of **42,483 nights**.

More than **65,000 patients** were seen in the Emergency Department in 2022/23.

The transport service, Embrace, completed **1,908 patient transfers** across Yorkshire and the Humber and beyond.

Ophthalmology's paediatric contact lens service has been working for **21 years** with babies and children who've had cataracts removed.

About the Charity

The Children's Hospital Charity changes lives every day. The money raised supports the incredible teams at Sheffield Children's.

Sheffield Children's NHS Foundation Trust is a special place, providing the best possible care for children all over Yorkshire, the UK and beyond.

The Children's Hospital Charity helps to ensure the ongoing needs of the hospital and wider Trust continue to be met by going over and above the NHS provision. Donations and fundraising help to fund four key areas:

Specialist medical equipment

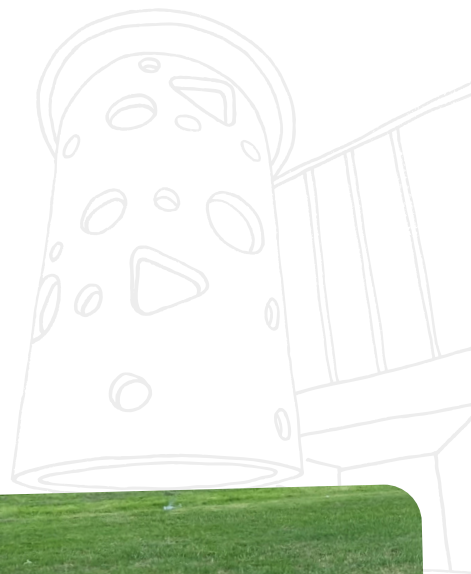
New facilities

A creative, child-friendly environment

Vital research into the prevention and cure of childhood illness



Sheffield Children's has always depended on charitable support; by supporting us you are making a difference every day to the thousands of children and their families who visit. Charitable donations, fundraising and gifts from trusts help to ensure our doctors and nurses have exactly what they need, when they need it, to deliver the best care for our patients.



Little things make a big difference

Your support helps to fund things, big and small, at Sheffield Children's. Even our smaller projects make a big difference.



Specialist Bed Ryegate House Respite Facility **£5,508**

A brand-new specialist bed for children and young people with complex neuro-disabilities has been provided for the short break respite care facility at Sheffield Children's. The new bed is two metres tall and is enclosed to give users a calming and safe environment.

Book bundles and hair wigs Haematology and Oncology **£185**

The Charity has funded books to help patients in Haematology and Oncology, as they provide a distraction, but are also tailored to contribute to mental health discussions. Hair wigs have also been funded for patients to cut, style and play with them, to help them cope with hair loss.



Active User Wheelchair Ryegate Therapy Block **£800**

To help children and young wheelchair users, the physiotherapy team offer wheelchair skills training. The Charity has funded an active user wheelchair so the team can physically demonstrate skills to help in patient understanding.

Two reclining chairs Neonatal Surgical Unit **£2,486**

Mothers with small babies staying in the Neonatal Surgical Unit have a unique set of needs as they are still bonding, and potentially feeding, their children while being in hospital. Donations have funded two reclining chairs for mothers. These chairs are designed to provide comfort while mothers breastfeed or have skin-to-skin contact with their babies.

Teenage games and craft kits Ward 1 **£530**

Charity funding provided games and craft kits for teenagers to enhance and improve the provision of appropriate entertainment and distraction for them on the ward.



Specialist medical equipment

Donations help to fund specialist medical equipment. From scanners and cameras, to surgical equipment and defibrillators, your support provides the best possible technology and equipment to ensure our hospital is at the forefront of paediatric care.

Here are just a few examples of equipment that has been funded in the last year...

Hip Surgery Power Tools £30,000

Total Hip replacement is a procedure that has been introduced at Sheffield Children's and is revolutionary in paediatric care. To complete the procedure, two power tools are needed - the sagittal saw and the dual rotary drill. The sagittal saw is used to cut the femoral head and the rotary drill is used to ream the acetabulum and to drill in the implant. There are then various attachments that are used and all have their own role. The Charity funded both of these, as well as a third piece of equipment - the Stryker S8 Precision Saw. Previously these tools had to be loaned from other hospitals, meaning the service was reliant on availability and had to pay thousands each time the equipment was loaned to them. The Hip Replacement Equipment was funded thanks to attendees of our Charity Clay Shoot in 2022.



Magstim Spinal Surgery Medical Equipment £35,200

Thanks to donations from Portland Clinical and Dutton Recruitment, new specialist equipment has been funded for the theatres department at Sheffield Children's. The equipment is capable of stimulating the central nervous system non-invasively and painlessly, using time-varying magnetic fields. This equipment is referred to as a magnetic stimulator (MS) device. The use of spinal cord monitoring during surgery to correct spinal deformity is well-established and reduces the risk of paralysis. For some patients, there can be a degree of uncertainty as to whether the motor aspect of the spinal cord can be monitored during this surgery. By using this equipment during pre-assessment clinics, a judgement can be made as to how successful the surgery will be.

Specialism: Sleep and Narcolepsy

Sheffield has the biggest behavioural sleep service in the country, where children with a range of conditions are treated. The team is highly specialised in offering support with some patients travelling over 100 miles for care.

Conditions that are supported include:

- Sleep apnoea
- Parasomnia
- Night terrors
- Sleep disturbances and deprivation
- Narcolepsy

Charity funding has supported the service over the years, and has recently funded a Narcolepsy Family Day for patients and families to hear from others with the condition, while learning about leading a healthy lifestyle. Funding has also provided cloud cuddle mattresses, that help provide a cocoon for patients, and active watches to monitor sleep in patients. These pieces of specialist equipment aim to support patients with a condition known as Rhythmic Movement Disorder which can be very disruptive to sleep.



New facilities

Together with our supporters, we fund new facilities at Sheffield Children's. In 2018, we launched a major appeal to dramatically improve key areas for patients and their families.

£11million raised*

Completed

Safeguarding Support Unit 2019 ✓

Haematology & Oncology Ward 2021 ✓



In early 2023, the fundraising for a new Helipad was completed, with construction due to be finished later in the year. In an emergency transfer, it is important children are taken to the best place for them to receive care. As Sheffield Children's is a dedicated Major Trauma Centre, it is the best place for children to access care in the region.

Previously, air ambulances had to land in Weston Park, and then patients were stretchered across the busy main road to the hospital. The Helipad will bring patients directly to the hospital, providing families with privacy and dignity, and making access to life saving care easier for our patients.

Helipad £6 million



*Approximate figure as of May 2023

WHAT'S NEXT: NATIONAL CENTRE FOR CHILD HEALTH TECHNOLOGY



FIND OUT MORE ABOUT NCCHT

We need your help to raise £2million to support the build of a new world class research and technology centre. The National Centre for Child Health Technology (NCCHT) will be run by Sheffield Children's NHS Foundation Trust and will be based at the Sheffield Olympic Legacy Park.

The Centre will bring together children, clinicians, inventors and engineers under the same roof, and be a place to develop world leading research and build new technologies.

The NCCHT will focus on preventing and managing health conditions, particularly the biggest health challenges of our time: obesity, mental health problems, disabilities and cancer.

ART+ PROJECTS



Art+ is our charity funded arts team, who work together with the Trust and those that use it to create a more comfortable environment.

Art+ commission all kinds of creative practitioners including landscape architects, multimedia artists and designers to transform the patient experience. Collaboration is at the heart of what they do, taking care to make every aspect bespoke to meet the specific and complex needs of each space. Engagement activities that support the wellbeing of staff and patients are also a key part of their work to improve and develop the patient journey.

“Myself and my friends/colleagues had such a lovely evening at the wellbeing workshop, and can’t thank everyone enough for putting it together. A wonderful activity and amazing that it was all funded by the Charity.”

- Sheffield Children’s colleague



Art+ was formerly known as Artfelt

Art+ Wellbeing

Workshops for colleagues at Sheffield Children’s continued with new opportunities for staff to try something different and unwind after work. This year saw the introduction of in-person workshops, beginning with a very successful series of floristry-based activities.



Mental Health

Art+ delivered a bespoke workshop for young people at The Becton Centre to create the colour palettes, design and furniture choices for the dining room before fully refurbishing the space, making a more inviting, comfortable, and fun environment for patients.

Clinical Research

The Art+ team are working with an artist to refurbish the Clinical Research Facility at Sheffield Children’s. The aim is to create a more inviting and comfortable environment for patients and their families through well-considered, holistic design, including murals created with sensory needs in mind, artworks and furniture.





Research

The Charity funds pioneering research to find treatments and cures for some of the most complex illnesses, benefiting children here in the UK and worldwide.

At Charity HQ, with your help, we are able to fund up to £250,000 of research projects each year.

Here are some examples of what your support achieved in 2022/23:

A toolkit to improve the independence and functional ability of children and young people with Juvenile Idiopathic Arthritis (JIA)

Researchers conducted a proof-of-concept study into three products known as the 'JIA toolkit' that aim to support children and young people with JIA to be

independent and functional in the management of their condition. The products being tested were:

- 1) A wearable device to promote pain self management
- 2) A motivational physiotherapy tool
- 3) A device to promote discrete communication between children and young people and their teachers

Based on the data gathered, the study was successful and the team will now look to undertake more testing on a larger group of children and young people.



3D printed, custom-made headgear for children using Non-Invasive Ventilation

Non-Invasive Ventilation is the delivery of breathing support via a facemask used to treat people whose natural breathing is ineffective. It is important these masks fit properly as poor air supply can cause adverse effects like pressure sores or, in extreme cases, the need for a tracheostomy.

Mass-produced masks are available, but finding a mask that provides an adequate fit for children can be difficult. The research team have developed custom-made 3D-printed masks, but for these to be operational they needed to investigate headgear to successfully attach them to, which Charity funding has allowed them to do.



More research funded in 2022/23...

Your support has funded research that aims to develop gene therapies, which can be used to provide single-dose treatment for genetic forms of epilepsy including HNRNPU syndrome.

Steroids given by mouth are an important first-line treatment for children who have asthma attacks. Dexamethasone is commonly used because it is well tolerated and only a single dose is needed. A new study compares two different doses of dexamethasone in children who have asthma attacks to investigate if they correspond with the need for a repeat prescription in the two weeks following first treatment.

Fundraising Hall of Fame!



Marcel Hinde

Marcel, aged 86, took on a 100-mile challenge to say thank you for the care of his son more than 50 years ago. Marcel's son, Michael, received care from an orthopaedic surgeon at Sheffield Children's that saved him from having his foot amputated. **Marcel walked 10 miles a day for 10 days and raised over £8,000!**



Tesco raises over £20,000

Tesco has supported The Children's Hospital Charity since as far back as 2008, with snowflakes, in store fundraising and toy machines. From bringing gifts for patients to supporting events, they have gone above and beyond for Sheffield Children's.



Austin Law

Austin Law, aged 8, was diagnosed with a rare genetic disorder called cystinuria in July 2018. To say thank you for the care he received for his condition, Austin cycled 102 miles in nine days around Lytham St Annes, to achieve the same distance from his home in Lancashire to Sheffield Children's Hospital. **Thanks to Austin's hard work he raised an incredible £1,773!**



Bake Battle and Roll

Bake Battle and Roll, in Doncaster, has supported the Charity since 2019 by hosting an annual 24-hour gaming marathon. **In 2022 the event raised over £1,000** and saw a wonderful group of colleagues come together for Sheffield Children's.



Freya Johnson

Freya, aged 8, has now taken on a sponsored silence two years in a row in support of Sheffield Children's. She is a chatterbox, and in 2022 she took it one step further by being silent for a full day of school. **Freya has raised over £580 to help children like her.**



Adam Gillett and Penistone Grammar School

Adam, a teacher at Penistone Grammar school, has led his colleagues and students in **supporting Sheffield Children's for many years and they have now raised over £50,000.** Adam is also part of the organisation Minds Ahead, that is currently raising £5,000 to fund a room at our Becton Centre for the community mental health team.



Tommy Lipski

After being diagnosed with Type 1 diabetes in 2018, aged 8, Tommy has received consistent care at Sheffield Children's. **In 2022 Tommy took on a seven-day marathon on his scooter** to say thank you for the care he received, and managed to raise an amazing £885!

All about you

Without your support, we wouldn't be able to fund specialist treatment from head to toe. This includes life-saving equipment, new facilities, a comfortable environment and vital research, which changes paediatric care for thousands of children from across the world. Every donation, fundraiser, sponsored challenge and more make a difference.

Our first Charity Clay Shoot raised over **£93,000**

90 abseilers were roped in



Over 300 runners raced to the finish line



We had our first ever Lunar New Year light display with **16 sponsors**

Over 50 skydivers took to the skies

£580,000 was raised through Charity of the Year partnerships

130 workplaces signed up to fundraise

Over **£364,000** was raised through our snowflake campaign



Last financial year **over £800 was donated every month** through payroll giving

£17,129 was raised through our first two quizzes with The Wildcard Bar and Grill



FUNDRAISE

There are lots of great ways to fundraise from your home, in work, with a group, or with your friends and family. From a tuck shop to a marathon, everything you do can make a difference. Alternatively, you could join us at one of the many events we run throughout the year.

DONATE

Give a one-off gift or donate little and often. Donating £10 a month really does make a huge difference as it helps to fund projects within Sheffield Children's, where it's needed most.

PARTNERSHIPS

Join the charity in a partnership through your business. This could be as a Charity of the Year partnership, endorsements or adding a donation to the bill.

LEAVE A LEGACY

Create a Will with our discounted Will writing scheme, which donates straight to the Charity, or leave a gift in your Will.

SHOP

Visit our online shop or the Charity Hub at our Western Bank site and shop whilst supporting a good cause.

Find out more and get in touch

Charity Office

Sheffield Children's Hospital
Western Bank, Sheffield, S10 2TH

0114 321 2470

tchc.org.uk

support@tchc.org.uk

for any general queries you have.

fundraising@tchc.org.uk

for any fundraising questions or tips.



communications@tchc.org.uk

to share your stories with us.

events@tchc.org.uk


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Thank
you!



Heidi, aged 7

BEAR FACTS
2023/24



Your support
changes lives at
Sheffield Children's



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