

BEAR FACTS

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the charity
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latest news
and updates



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The
Children's
Hospital
Charity*

BEAR FACTS 2020/21

The Children's Hospital Charity

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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

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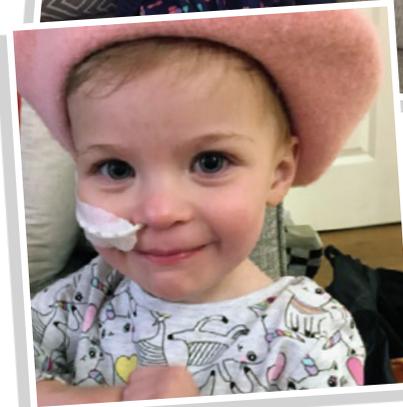


A week before her second birthday in January 2019, we received the devastating news that our daughter Alice had cancer.

18 months later, Alice has just finished her treatment and we can't thank Sheffield Children's Hospital enough for Alice's care.

The month before she was diagnosed, she'd had a chest infection and chicken pox. Her tummy became swollen and we noticed she was losing weight.

We were transferred to Sheffield Children's and Alice had an ultrasound scan which revealed a large mass in her abdomen. After a few weeks of tests and scans, we were devastated to



find out Alice had a particularly aggressive form of cancer, a high-risk neuroblastoma which meant the tumour was more likely to spread in the body and less likely to respond to treatment.

Alice had an 80-day rapid course of chemotherapy to reduce the size of the tumour before a nine-hour operation to remove it. To our amazement, just five days later, she was home and dancing around the living room!

She has made our hearts burst with pride with her miraculous resilience. It's hard to imagine many

things tougher than witnessing your child endure what she has, just to give her a chance at a life which we took for granted before. We call her 'Alice the alley cat' because she keeps bouncing back.

From Alice's end of treatment tests and scans, she is showing no signs of any disease, which is incredible. It is hard to explain a parents' viewpoint, as we would be forgiven for shouting from the rooftops following the mountain she had to climb, but the results are more 'pleased but guarded' as we cannot let ourselves get too carried away.

Alice will still need regular checks and will use the incredible oncology services of the hospital and there may be times we will need to rely on the team on the ward for help, support and advice. Our thoughts are with those parents who are just embarking on a similar journey or those who are still going through it.

Jamie Latham Alice's Dad

Sheffield Children's is amazing

Our doctors and nurses treat every condition imaginable, battling the most complex illnesses to save lives. They do this every day and every day we can make a difference for the 280,000 patients a year who visit, that's enough to fill Wembley Stadium three times!



DURING THE COVID-19 CRISIS:

Sheffield Children's took part in eight clinical research studies into COVID-19, joining the international effort to understand and manage the virus.

Patients from other areas in South Yorkshire, Chesterfield and Bassetlaw were treated for surgery at Sheffield Children's to help other busy trusts during the coronavirus pandemic.

Sheffield Children's supported the newly set up Nightingale Hospital by sharing staff and expertise.

A new mental health support line was created.

Facts and figures

OUR HOSPITAL IS SPREAD ACROSS FOUR SITES:

1. Sheffield Children's Hospital
 2. Ryegate Children's Centre
 3. The Becton Centre
 4. Centenary House
- and we have community based teams too!



Children and young people travel from all over the country and worldwide to Sheffield for ground-breaking medical treatment, making the hospital one of the nation's best for paediatric care and home to some of the UK's leading clinicians.

8	Guernsey, Isle of Man, Jersey
18	Scotland
20	Northern Ireland & Ireland
25	Wales
148	London
193	South
300	North
334	Manchester
11,116	Midlands



Sheffield Children's is **1 OF ONLY 3** specialist standalone children's hospitals in the UK



Knee operations and treatment has grown by 400% since 2015!



UP TO 200 CHILDREN a day visit our Emergency Department



Sheffield Children's is a dedicated Major Trauma Centre.



1,976 transfers were made by Embrace, our ambulance service.



Our Cancer and Leukaemia Ward treats up to **90 CHILDREN** a year from babies to teenagers.



Ground-breaking sleep study programme helps over 800 families and children with chronic sleep problems each year.

We also see **25** bone marrow patients a year.

About us

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

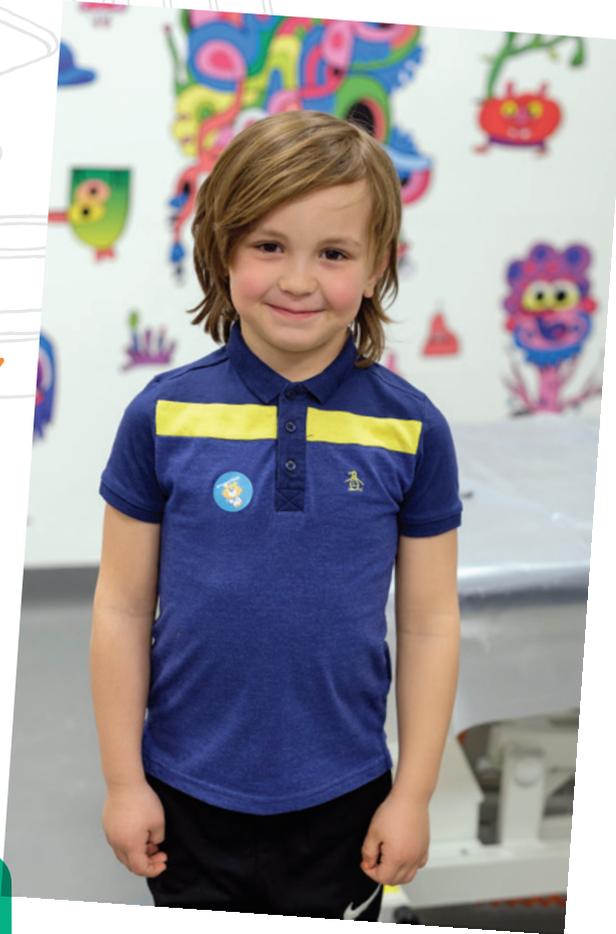
The Children's Hospital Charity helps to ensure the ongoing needs of the hospital continue to be met. Donations and fundraising help to fund four key areas:

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 that make a big difference



Bathing Lift Trolley **£5,000**

This height-adjustable bath lift trolley can be used for lifting, transferring and bathing patients who need to remain in a laid down position.

Tiny Trax Motorised Wheelchair **£8,224**

We funded a specialist outdoor motorised wheelchair at Ryegate to help determine if a child can use this type of powered wheelchair. It will also teach them how to use one effectively and safely.



Parent Paging System **£6,120 PACU**

The parent paging system lets carers know when their child is in the recovery room after an operation. It allows carers to distract themselves by going for a drink or getting fresh air to relieve anxiety while the operation is taking place.

Sensory toys **£8,000**

We also fund smaller things like sensory toys which significantly enhance a child's experience and reduce anxiety whilst in hospital.



Patient and families day trips **over £3,000**

Departments such as the Burns Unit organise day trips for patients and their family, offering additional support and comfort outside of the hospital setting

OUR COVID-19 APPEAL FUNDED:

- Play equipment, arts and crafts for individual patients
 - Artfelt Anywhere patient and staff packs
 - Staff wellbeing resources
 - Spirometers to monitor patients' respiratory conditions at home
 - Supermarket vouchers for families suffering hardship
- Plus lots more, please visit our website to find out more.



Specialist medical equipment

Donations help to fund specialist medical equipment from scanners to cameras, to tens machines and bedside monitors. Everything funded is above NHS provision and helps to ensure our hospital is at the forefront of paediatric care.

Here's an example of equipment funded by your donations and fundraising over the last year...

Arthroscopy Stacker £28,000

Our Trust is known internationally as a centre of excellence for knee surgery. This equipment was funded by generous donations from our Children's Champions

(You can find out who Children's Champions are on our website). The specialist piece of kit has made a significant difference to not only the quality of care delivered

by the knee team but also increased the number of patients treated annually. Incredibly, the knee service at Sheffield Children's has grown by 400% since 2015!



Nicolas Nicolaou, Consultant Orthopaedic Surgeon at Sheffield Children's explained:

"The new arthroscopy equipment has a 4K screen, which allows us to see in much greater resolution what's going on inside the knee. It also has a better range of devices, allowing us to do more.

We can download video and intra-operative photographs of procedures for patients, which many request so they can see what's happened. It's often for curiosity, but seeing the procedure also gives children a sense of ownership and control, even if they don't necessarily understand the full complexities of the procedure.

The equipment allows us to do more operating, potentially seeing two lists of patients at the same time and doubling our capacity to treat children. More than 200 patients, up until the age of 16, have already benefitted from the equipment and only 60% of our knee cases are from Sheffield; the rest come from a huge geographical area, from the South East of England to the North West"



Integrated Theatres £470,000

Thanks to the generous support at our Winter Ball we funded new equipment for our theatres department, which will dramatically improve the capture of endoscopic images during surgery. It will also enable operations to be broadcast internationally, helping surgeons across the world learn from the world-class experts right here in Sheffield.



vCreate Neonatal Surgical Unit

vCreate is a Secure Video Messaging service that allows the clinical teams to send video updates to parents for those times when they're unable to be with their child. Parents access videos of their child without the worry of missing out but also to receive reassurance of their child's wellbeing and minimise any separation anxiety. It's safe, secure and parents download their child's videos to keep when they leave the unit.



New facilities our appeal

In 2018 we launched an appeal to dramatically improve the facilities for patients and their families in three key areas within Sheffield Children's Hospital. Thank you to all who have supported our appeal so far. Your support and donations mean we have already completed the first stage of the appeal.



APPEAL UPDATE: OUR NEW SAFEGUARDING SUPPORT UNIT OPENED

The first stage of the appeal is complete with the opening of the new £1m Safeguarding Support Unit at Sheffield Children's Hospital,

complete with innovative and interactive artwork.

The service which has been at Sheffield Children's since 2013, is now in a brand-new space, complete with

bigger rooms, specialist artwork and a unique space for play.

The specialist facility has been sensitively developed as it supports children and young people where there have been safeguarding concerns. This includes patients with potential neglect or physical, sexual or emotional abuse, where specialist children's doctors are required.

The unit was previously adjoined to the Emergency Department and has moved into a new space to allow for the expansion of ED.



Read about this on page 12

WE NEED TO BUILD A NEW CANCER & LEUKAEMIA WARD £2.75million

During the unprecedented coronavirus pandemic, many people experienced for the first time the difficulties of social distancing, shielding and isolation. For many families of young patients staying on our Cancer and Leukaemia ward, these are daily realities of their treatment.

Our Oncology and Haematology department treats children from babies through to 19-year olds, in South Yorkshire,

Lincolnshire, Derbyshire and as far south as Northampton. One of twenty principle treatment centres in the UK, we care for children with cancer and leukaemia as well as patients who have other blood problems such as bleeding and inherited disorders.

The care and attention from the doctors and nurses is second to none, but the facilities for the young patients do not match the quality of their treatment.



BUILDING A BETTER CANCER WARD

We want to make the ward facilities better for our patients, staff and families as they go through the most difficult time.

We want to build single patient rooms with en-suite facilities, giving patients a place to make their own, with room for all their toys and space for a parent to sleep comfortably alongside them.

EMERGENCY DEPARTMENT £4.5million

Our Emergency Department at Sheffield Children's sees up to 200 children a day from across the region. The staff treat every condition from a break or sprain to critical illnesses and brain injuries.

We need to build a bigger ED, with bigger and improved resuscitation areas, dedicated space for patients with mental health issues and more treatment space for children who visit 24 hours a day, 365 days a year.



BUILDING A BETTER EMERGENCY DEPARTMENT

HELIPAD £6million

In an emergency transfer every second counts, so we want to build a helipad on the roof of Sheffield Children's to give every child the best chance.

Currently air ambulances have to land in Weston

Park opposite the hospital, patients are brought across the road on a stretcher and this takes extra time. A helipad on the roof will help us to get patients to surgery as quickly as possible.



BUILDING A BETTER HELIPAD

Artfelt

Artfelt is our charity funded arts programme which makes the clinical more comfortable by transforming our hospital's walls and spaces with bright art, helping children recover in an environment tailored to them.

The programme also provides workshops for youngsters as a distraction aid before an operation, or to break up long stays on the wards.



ARTFELT PROJECTS

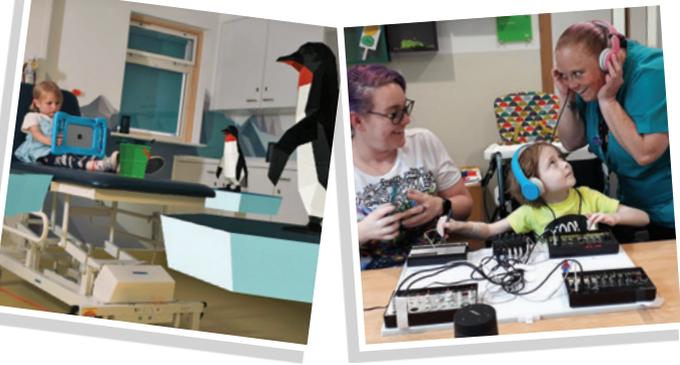
Augmented Reality App

Artfelt collaborated with digital arts studio, Megaverse, to deliver an augmented reality game which helps patients through their treatment with burn-related injuries at Sheffield Children's.

This innovative application changes the patient experience of treatment, transforming the clinical space into a virtual environment to help children and young people recovering from burn injuries.

Colourwall in the Safeguarding Support Unit

Artfelt also worked with Megaverse to produce a large interactive light wall to provide distraction and relax patients and families.



The wall allows anyone who uses it to colour-in the digital wall together using only touch, with Signify supporting the project by providing all the Phillips Hue smart lights free of charge. Whilst inside the assessment and treatment rooms, a mesmerising ceiling sees bubbles move around and bounce off inanimate objects. These can be played with and 'popped' by patients, creating distraction and an instant sense of achievement.

Embrace Ambulances

Working with artists, Tado, we created artwork for a fleet of Embrace ambulances. They transformed four ambulances for the Embrace Transport Team, a service which helps some of region's sickest children.

Artfelt workshops

This year more than 1,700 patients benefitted from creative workshops run by Artfelt. We have also expanded our music workshop offering and delivered more musical workshops for patients. Thanks to the support of Youth Music UK Here's what one mum had to say...

"My daughter is severely blind and disabled; she loves music to help her relax. The music making is a brilliant idea for children who cannot talk or play. Olivia has complex needs and this really helped her to relax."

TADO said,
"The artwork itself had to be pretty calm in nature and not too overwhelming, appeal to a broad age range and include some elements on the ceiling to provide interest on long journeys. We also had to be mindful not to induce motion sickness!"



Research



Your donations help us to fund vital research each year through our dedicated Paediatric Clinical Research Facility and our partnership with the Advanced Wellbeing Research Centre.

An exciting charity-funded research project involving staff at Sheffield Children's and students from the University of Sheffield and Sheffield Hallam University has made promising advances in better diagnosing breathing difficulties in children.



While the cause of the condition is unclear, symptoms can be triggered by chemicals, odours, anxiety, vocal tasks and stress. Due to the lack of a diagnostic tool and its similarities in symptoms, ILO is commonly misdiagnosed as asthma.

Inducible laryngeal obstruction (ILO) is a debilitating condition, caused by malfunctioning structures of the upper airway and leaving people unable to exercise or participate in normal daily activities.

The condition, previously known as vocal cord dysfunction, is the abnormal closure of the vocal cords during respiration, most commonly when breathing in. It can result in a choking sensation, wheezing and breathlessness.

The project, funded by £25,000 of donations to The Children's Hospital Charity, has seen researchers work alongside Chesterfield-based medical equipment company Talarmade Ltd to design a device to monitor the upper airway during exercise.

RESEARCH INTO PHYSICAL ACTIVITY IN CANCER PATIENTS.

The results could influence and change the national guidance for cancer treatment.

AUTISM SPECTRUM DISORDER

We funded a pilot study of four children with Autism Spectrum Disorder, ASD to interact with two social robots. Research has shown that children with ASD respond positively to robots, which can help lower anxiety levels, and aid communication and attention skills.

Sophie's story



Seven-year-old Sophie was left with a hole in her oesophagus after she swallowed a button battery in 2015 when she was just two-years-old.



Now five years on mum Clare said:

"She is fantastic now, running around like nothing ever happened. She is a really happy little girl."

Sophie was playing in the front room at home when her mum noticed she become agitated and start to cry. Her mum, Clare, could tell she had swallowed something and took Sophie straight to the Emergency Department, where an X-ray revealed she had swallowed a lithium battery the size of a 10p piece. Within two hours of arriving, she was rushed to surgery to have it removed.

Sheffield Children's surgeon Mr Sean Marven fitted a 'T' tube from the hole to her stomach which drained fluid to a bag outside her body. She was then placed on life support for six days so she could recover from the painful surgery.

The youngster spent the last five weeks of her stay on the ward at Sheffield Children's Hospital, while her throat healed over. After eight weeks, she was finally discharged.

Sophie was in theatre for less than an hour while doctors removed the battery from her food pipe. But because the inflamed area around her throat had swollen over, they were unable to detect the hole that had been caused by the corrosive caustic acid.



Thanks to your donations we have been able to fund specialist equipment for our Theatres Department which will allow procedures like this to be done using the best technology available. The new Integrated Theatres (on page 9) will also mean that complex surgeries like this can be shown to surgeons across the country and overseas, allowing the amazing care delivered at Sheffield Children's to set the standard around the world.

All about you!



We couldn't fund vital equipment, research projects and everything in between without the support from you. Every donation, fundraiser, sponsored challenge and more makes a big difference.

Here are some of the amazing things you've done to make a difference over the last year:

400
of you joined our first ever Chatsworth Walk




£335,000
raised through snowflakes

More than **300** runners




600
Glow Runners


45
skydivers jumped out of planes for us!

Over **£176,000** raised from raffle tickets with Matalan




£12,000 raised through our virtual 30 in 30 challenge

£6,000 raised by our online quizzers during lockdown




£50,270 was raised through Facebook donations during 2019/20


£200,000 raised at the last Winter Ball


£750,000 raised from corporate donations

Fundraising hall of fame!



OUR COVID-19 APPEAL FUNDRAISERS

During the coronavirus pandemic we were blown away by the incredible fundraising efforts of our supporters. Here are some special mentions and just a few of the amazing ideas that kept us inspired:

9-year-old Tobias raised over **£150,000** for our hospital and his school by walking the length of a marathon up and down his road.



EVENTERS

Thank you to everyone who took part in a charity event in 2019 whether you laced up your trainers for the Sheffield 10K, rocked your neon tutu for Theo's Glow Run or joined us at Chatsworth for our first ever Chatsworth Walk. You helped to raise over £434,000 through charity events last year!

SNOWFLAKES

In 2019 we had more snowflakes on our hospital than ever before, with more than 290 schools and businesses sponsoring them and helping us raise £335,000 for our hospital!



Daisy completed a sponsored swimathon in a paddling pool in her back garden!



Nigel raised over **£1,000** for our Cancer Ward appeal by cycling 100 miles from Leeds to Rotherham.



Thank you to everyone who raises money for us and supports our hospital, you are amazing.

How you can help!



There are lots of ways you can get involved and take your support for Sheffield Children's Hospital even further!

HERE ARE SOME IDEAS ON HOW YOU CAN JOIN TEAM THEO



FUNDRAISE AT HOME

Could you hold a movie night in with your family and donate what you would have spent going out? Maybe you fancy a sponsored step challenge around the garden or up and down your stairs? There are lots of great ways to fundraise from your home.

JOIN ONE OF OUR EVENTS

We've got something for everyone on our events calendar, now featuring virtual events too, so you can join in from anywhere!

VOLUNTEER FOR US

We couldn't do what we do without our volunteers! Our volunteers are part of the charity team. If you'd be interested in volunteering for us please get in touch.



DONATE £3 A MONTH

Giving a gift of £3 a month really does make a huge difference. By setting up your regular donation you will change the lives of thousands of patients and their families who visit Sheffield Children's Hospital.

VISIT OUR SHOP

There are lots of things you can buy at the Charity Hub at Sheffield Children's or online on our website.



We're here for you!

Whether you fundraise, donate, become a volunteer or give a regular gift you will be making a difference for families & children through life-saving treatment.

A charity contact will help you every step of the way and together we can make a difference and support Sheffield Children's.



Contact us

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support@tchc.org.uk
for any queries you have

fundraising@tchc.org.uk
for any fundraising questions or tips

communications@tchc.org.uk
to share your stories with us



**Thank
you!**

**The
Children's
Hospital
Charity***

Registered Charity No. 505002



**Your support changes
lives like Myla's whose life
was saved by Sheffield
Children's on the Cancer
and Leukaemia Ward.**

**BEAR FACTS
2020/21**



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