

Making your great hospitals even better

Our impact 2022





Welcome

There is no doubt that 2022 was another year of uncertainty as the impact of Covid continued to be felt and the cost-of-living crisis started to bite. But despite these challenges, the support of our donors, our fundraisers, and our sponsors has remained strong and constant.

This commitment never ceases to amaze me. Last year, with the help of all our supporters, we raised a staggering £8.2 million; every penny helps to make our great hospitals even better.

We launched a new 5-year strategy for the charity in April – helping us deliver exceptional benefits for patients, including supporting two new hospital builds. Sadly, three of our trustees retired; Keith Wade, John Ayton, and our Chair of nine years, Dr Rosalind Smith. Their unwavering commitment over many years has helped us to be innovative and bold in our ambition. and to deliver outstanding results for our hospitals. Charles Packshaw joined our Board of Trustees in September, and took over as Chair in November. He brings with him a wealth of experience including his time as the Chair of Trustees at Prostate Cancer UK. We also welcomed Dr Annette Doherty to our Board as our link Trustee.

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Last year, with the help of all our supporters, we raised a staggering £8.2 million; every penny helps to make our great hospitals even better.

One of our fundraising goals over the past 18 months was to raise £1.5 million to buy Addenbrooke's a new surgical robot. With your help, we did it! This means even more Addenbrooke's patients will benefit from faster and often less intrusive surgery with quicker recovery times and reduced scarring. Quicker recovery times, means shorter hospital stays, freeing up more beds to treat more patients. Six new specialities are able to benefit from robotic surgery. This is life changing, not just for patients, but their loved ones too. More than 3,000 supporters and fundraisers played a part in helping us to achieve this goal.

Some of that support came via the Cambridge Dragon Boat Festival. After the isolation and cancelled events as we all socially distanced to reduce the spread of Covid it was fantastic to see so many people enjoying a fabulous family day out, cheering on our corporate sponsors as they took to the river Cam.

It is a great pleasure to work closely with our hospital's Workforce Directorate to ensure much-needed support for staff is delivered, and this year we have enabled some wonderful new initiatives to support our devoted colleagues within the hospital.

There isn't the space or time to mention all of the tireless work and generosity that has helped so many patients and staff at our hospitals over the last year, but your continued support is appreciated, inspiring, and humbling.

Shelly Thake, CEO

Looking forward

We are embracing the future with renewed positivity. From attending local events to fully engaging with our corporate sponsors, we can't wait to spread the word about the wonderful things that happen here at our incredible hospitals. It makes such a difference.

One of the main priorities for Cambridge University Hospitals is 'building for the future,' part of which includes the development of two major new hospitals, Cambridge Cancer Research Hospital and Cambridge Children's Hospital. Fundraising for these capital projects are also priorities as we aim to match Government funding with philanthropic donations to ensure the hospitals deliver on their ambitious plans.

The ground-breaking Cambridge Children's Hospital will be the first children's hospital for the East of England region and the first in the world to integrate physical and mental healthcare alongside cutting edge medical research – the advancement of genomics research will also play a significant role. The Cambridge Cancer Research Hospital will be the first research hospital in the UK focusing on early detection, prevention, and personalised cancer care. With construction for the hospitals due to start in 2024, there are exciting times ahead for ACT and our supporters.

Aside from these two capital projects, we will continue to raise funds to support research, technology, and facilities above and beyond what the NHS provides to help your hospital. It is by doing this that, together, we will continue to ensure your great hospitals become even better and our Addenbrooke's patients receive the very best treatment and care – always.



About ACT

Our sole purpose at ACT is to make our wonderful hospitals even better for staff and patients alike. Everything we do is totally dependent on the funds we raise, through generous donations from businesses of all sizes, foundations, charitable trusts and philanthropic individuals, as well as our community of donors and fundraisers across Cambridge and beyond.

These donations, large and small, allow us to invest in Addenbrooke's and its staff – from cutting edge robotic technology that is transforming the lives of thousands of patients, to pioneering research across the healthcare spectrum. We fund additional specialist services, provide extra comforts that make all the difference to patients' lives and support our remarkable staff so they can better cope with the enormous pressures they face.

The last few years have demonstrated the vital importance of the unrestricted funds we receive. They allow us to react quickly and give us the flexibility to invest in programmes when and as needs arise.

Highlights of 2022

The Cambridge Dragon Boat Festival

We were very excited to see the return of this fun-filled event after a Covid break. Over 30 crews battled it out while having enormous amounts of fun and raising £11,000 for Addenbrooke's and the Rosie hospitals in the process.

Ruth's Green-e Get Around

A wonderful partnership between well-known patient governor, Ruth Greene, CUH and ACT has launched two new electric buses to provide a cleaner, more frequent service around the expanding hospital campus. Ruth said, "Getting around the hospital can be a real challenge, especially for those with limited mobility like me. The new bus service

helps overcome that challenge and the fact it has now been extended and has an additional stop at the main bus terminal, will be greatly welcomed by everyone."

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The ALBORADA Trust

The trust's generous support has continued this year in a number of ways, from innovation and equipment, including our surgical robot appeal, to staff wellbeing through the provision of packs containing tea, coffee and mindfulness materials. They were gratefully received by staff across the hospital as they faced

unprecedented challenges at work.

London Marathon

This year nine runners raised a staggering £50,000 for ACT by taking part in the London Marathon, including Gavin, who was inspired by the fantastic, life-saving care he received in intensive care and on the wards to run his first marathon in 38 years.

Acts of Kindness

Increasing the programme of planned activities has formed a large part of our support for staff – including giving out daffodils, chocolates at Easter and team hampers at Christmas, as well as funding the first annual staff awards. We have committed a further £100,000 to grow this still further over the coming year.

The John Addenbrooke Lecture

Almost £10,000 was raised for the Robot Appeal on the evening of our annual lecture. Guests heard from leading Addenbrooke's surgeons, Professor Grant

Stewart and Mr Siong-Seng Liau, about their experiences and how robotic surgery can transform the care for thousands of patients. ACT Chief Executive, Shelly Thake, said, "We hope the event shone a light on the need for another surgical robot and reinforced our call to the wider public to help us smash our target." You can view a recording of the lecture at helpyourhospital.co.uk/robot

Helping your hospital

Helping to make your hospitals even better has been our first focus this year, reinforcing our commitment to invest in innovation, improving patient care and providing novel treatment across departments.



Although Covid numbers are in decline, we are still some way from business as usual at our hospitals. Its far-reaching impact continues to have a significant effect on the welfare of hospital staff. That's why we have been supporting projects that will benefit staff physical and mental health, enhance staff retention and make CUH an appealing place to work.

Building even more capacity to innovate

Unusually for a hospital, Addenbrooke's has a department dedicated to finding pioneering solutions. This year we have helped build an innovation space within the Clinical Engineering Innovation department, complete with prototyping equipment, to further improve the hospital's capacity to find ground-breaking solutions and its ability to do so more quickly.





Improving treatment across the hospital

An ACT funded improvement programme is looking at multi-disciplinary care for older patients undergoing surgery. Through coaching and development events, it considers the whole service, from pre-op and the surgery itself, to the recovery period. With particular expertise in the post-operative period, it is setting an international standard for post-operative complications and length of stay.

Reminiscence Interactive Therapy Activity systems (RITA) are devices that allow patients with conditions such as dementia to rediscover songs, films and memories that they love – helping to distract and comfort patients who may be distressed. ACT has funded a pilot project and eight RITA systems in the hospital that has recently found these devices enabled a 60% reduction in the rate of falls during the trial period.

Improving diagnostics across the hospital

When patients become seriously unwell, ultrasound is an invaluable imaging tool to help with diagnosis and treatment. However, training to use ultrasound at the bedside is a huge challenge due to the sheer number of scenarios a clinician may encounter. The good news is that ACT funding has enabled the purchase of a highly advanced ultrasound simulation training device with over 100 different patient scenarios and 10,000 pathology variations.

Improving recovery across the hospital

The Critical Care Diary App was initially funded by ACT in 2017 and has been helpful for a patient's recovery phase after their time in critical care, of which many have no memory. We provided an additional £15,500 of support to develop the app further, including the ability to add photographs and for relatives to be able to write in the diary.

ACT funds have purchased a new bedbased exercise bike that will help patients recovering from major trauma to build back lost strength, helping them return to independent living where possible.

We have also continued distributing sleepwell packs containing ear plugs and an eye mask to help patients get a better quality of sleep, which is critical to recovery.



Improving psychological support across the hospital

Addenbrooke's is the sole provider in the UK of the National Severe Insulin Resistance Service, which works with individuals with rare conditions of severe insulin resistance and lipodystrophy. ACT had previously supported research in this area looking at the relationship between lipodystrophy and mental health. With a further ACT grant of £22,500, a pilot project for a bespoke psychological service has been set up to provide support which, if successful, is hoped to be funded on an ongoing basis by the NHS.

CUH Arts Programme

CUH Arts is a wonderful programme that promotes wellbeing, distracts from illness and provides creative and cultural opportunities for patients, staff and visitors. Its rich and diverse personcentred programme is led by professional artists and its public art collection is viewed by over one million people a year. Our longstanding support continued this year, making a vital contribution to the care of the hospital community through in-person and online events. Find out more at helpyourhospital.co.uk/cuh-arts

Taking care of the siblings too

Paediatric intensive care is a challenging time for young patients, but it is also very difficult for those who are separated from them, especially siblings. ACT funding is helping to ease that with the creation of sibling packs containing books explaining what happens in intensive care, fun activities and a photo frame for a picture of themselves, which they can decorate for their sibling's bedside.

Free will service

After teaming up with the National Free Wills Network, ACT supporters can now write or update wills free of charge using local solicitors – many may leave a gift for Addenbrooke's as a result. After all, leaving a gift of any size is a lasting legacy that will help transform care for the generations to come.

Wellbeing boost for the haematology ward

Patients on haematology ward C10 are often admitted for up to six-week periods due to the high risk of acquiring an infection during cancer treatment. Thanks to ACT support, a visiting beauty therapist provides a range of uplifting treatments to help patients through challenging times.

Our surgical robot appeal reaches £1.5m target

Just 18 months ago we launched the Robot Appeal and we are delighted to say our ambitious £1.5m target has been reached, thanks to the wonderful support of our local community.

It means thousands more patients at Addenbrooke's will soon benefit from the transformational effects of robotic surgery. Patients across six more specialities will be able to return home to loved ones within days, face less discomfort and be able to bounce back to their normal lives more quickly.

Despite the disruptions of the last two years, donors and fundraisers stepped up to the challenge in so many ways. Supporters have taken part in the annual Dragon Boat Festival, they've run the London Marathon, taken a penalty kick challenge, walked up a flight of stairs ten times a day for 100 days, learnt Welsh for 1000 minutes and generously responded to our appeal mailing, to name but a few.

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We are bowled over by the impressive efforts of our fundraisers and the generosity of our donors in helping us to reach our target. We owe a massive thank you to everyone who supported this important appeal and a special thank you must go to the ALBORADA Trust, who have yet again donated so substantially to this appeal.

Many more people undergoing surgery will now benefit from a reduced risk of complications and infection, less pain and scarring and they will be able to get back home to their loved ones so much sooner.

Shelly Thake, ACT Chief Executive

The exciting technological advances in surgical robots is nothing short of a revolution in surgery and the effect on patient care is transformational. Robotic surgery is a form of keyhole surgery where a surgeon controls a computer-enhanced robot that mimics their hand and wrist movements, making small incisions with absolute precision. Whereas it can take weeks or months to recover from traditional 'open' surgery, following robot-assisted surgery, patients can be discharged within a matter of days.



Helping children in hospital

Plans for the new Cambridge Children's
Hospital are developing quickly but
there is much that we continue to do for
children right now. ACT funding improves
diagnosis, treatment and recovery, as well
as providing smaller comforts, such as the
teddy bears given to every child transported by
the ACT-supported paediatric ambulance service.

Improving treatments

Studies show that delayed clamping of the umbilical

cord in preterm babies especially can greatly improve outcomes. However, the benefits of this often need to be balanced with the need to keep the baby warm and provide resuscitation. Funded by ACT, the two LifeStart machines heated, mobile platforms with the facilities to give respiratory support – mean preterm babies can be stabilised while leaving the cord intact.

ACT is also supporting important research aimed at learning more about non-verbal communication between mother and baby. Our investment of £17,700 has provided two EEG machines to facilitate the study.

Improving mental health support

A core component of the new Cambridge Children's Hospital will be the alignment of physical and mental health services. ACT funding of £25,000, matched by NHS England, is supporting a project that is laying the groundwork for this.



It consists of a series of courses that can be prescribed to the young person to help support their mental health. If successful, it is hoped it can be rolled out across all specialities to become part of the complete care needs of children.

Sparing children lengthy hospital stays

The stop-start breathing caused by obstructive sleep apnoea is a serious disorder requiring a lengthy hospital stay to diagnose. ACT funding is helping evaluate a new device that could provide a fast, home-based diagnosis, sparing children an unsettling hospital stay and enabling quicker treatment.

A much-needed service for children with brain injuries

ACT support is helping over 170 families of children affected by an acquired brain injury. Children and their families will benefit through counselling, practical assistance for returning home and in arranging care in the community.



The East of England is the only region in the UK without a dedicated children's hospital. However, that is set to change when the brand new Cambridge Children's Hospital opens its doors opposite the Rosie Hospital, on the Addenbrooke's campus.

This innovative new hospital will revolutionise healthcare, providing a whole new way of caring for children and young people aged 0-19. It will be the first in the world to fully integrate physical and mental health, together with cutting edge research into the prevention and early diagnosis of diseases.

Many of our children and their families have to travel long distances for specialist treatment. The new hospital will finally provide that much-needed care for the East of England's 1.5m young people much closer to home, and in parallel, its trailblazing healthcare and research will have a truly international impact.

We have launched a fundraising campaign to raise £100m in collaboration with the University of Cambridge. We have an exceptional network of Regional Ambassadors working with us to increase awareness across Bedfordshire, Cambridgeshire, Essex, Hertfordshire, Norfolk and Suffolk.



They have been tireless in helping us realise funding opportunities and our thanks go to them all for their achievements. Event highlights included the Children's Hospital Gala at Trinity College which was led by Ginny Robinson and the Gala Committee and raised £1.5m.

To date ACT and the University have secured pledges of £39.2m towards our goal – an outstanding result – and we look forward to sharing more about this important project and ways in which our communities can help over the coming years. To find out more visit **cambridgechildrens.org.uk** and hear Stephen Fry tell our story.

124 inpatient beds

for children and young people across mental and physical healthcare

Seven operating theatres with diagnostics and imaging

36,000m² of space

A pioneering research institute with six research centres embedded within the hospital

Treating children 0-19 years old and helping them to transition into adult healthcare services

Co-created with children and families who will inspire the design

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Supporting patients with cancer

While we prepare to fundraise for the new cancer hospital, there's still so much we are doing right now to improve the experience and outcomes for people with cancer.

Improving diagnosis

With one of ACT's largest ever investments, patients with cancer, suspected cancer and other conditions will benefit from enhanced diagnosis and disease monitoring. We have committed £2.5m to upgrading four MRI scanners to greatly improve image quality for more accurate diagnosis. The upgrades will also allow whole-body scans for disease progression monitoring and increase the use of MRI in effective radiotherapy planning.

Improving treatment

Our investment in the fast-developing field of 3D printing for surgical planning continues and we have been able to spend £40,500 on

the creation of a dedicated 3D printing studio. This houses the team and their



hi-tech equipment and gives them a quiet environment in which to focus on the intricate task of digital image manipulation.

Improving recovery

Thanks to £35,000 of ACT support, patients recovering from a brain tumour can now benefit from a new, dedicated physiotherapy-led recovery package. It forms part of the ACT-supported REACT programme (Rehabilitation and Exercise During Addenbrooke's Cancer Treatment), which was recently awarded excellence status for its brain tumour care by the Tessa Jowell Brain Cancer Mission.

Kidney cancer surgery gets a robotic boost

Until recently, one type of kidney cancer could not benefit from robotic surgery, meaning patients required open surgery at Addenbrooke's with a longer recovery and greater scarring or travel to another centre for surgery. Now, with our purchase of a £72,000 robotic ultrasound

system, surgeons have the visibility of the tumour they require to make robotic surgery on this type of kidney cancer possible.

Patients help to improve radiotherapy services

A new display at
Addenbrooke's funded by
ACT – with further funding
and support from the CRUK
Cambridge Centre and RadNet
Cambridge – highlights how
patients have helped shape
radiotherapy treatment.

The installation in the entrance to the Radiotherapy Department at the hospital has been co-produced with a group of patients and is based around a timeline illustrating how key advances in radiation research, patient participation in radiotherapy clinical trials and patient campaign groups have shaped the service today.



Cambridge Cancer Research Hospital – changing the story of cancer

The Cambridge Cancer Research Hospital has a bold vision – to change the story of cancer. Set to open in 2027, opposite the new Astra Zeneca HQ on the Addenbrooke's campus, it will pioneer new ways to detect cancer earlier and to treat it in a more precise, personalised way. Its advances and innovations will change the way cancer is treated here, across the UK and around the world.

With a pioneering, multidisciplinary approach, the Cambridge Cancer Research Hospital will unite clinicians, computer scientists, physicists, engineers, patients and industry experts, taking scientific advances from the lab to the patient more rapidly than ever before. And being located at the heart of Cambridge's thriving biomedical campus will allow it to work seamlessly with nearby industry partners like Astra Zeneca, Illumina and GE Healthcare.

We will shortly launch our fundraising campaign, working with the University of Cambridge to raise £67 million to build our pioneering new hospital. To find out more visit www.cambridgecancer.org.uk





At the Cambridge Cancer Research Hospital, we will harness scientific breakthroughs to create a stepchange in the way we diagnose and treat cancer, ultimately saving lives and improving the quality of life of patients. We will do this by:

- Providing state-of-the-art facilities for cancer patients in Cambridge and the Eastern region
- Creating a testbed for cancer innovation across the NHS
- Making early diagnosis and personalised cancer medicine part of routine NHS care
- Pioneering new care pathways that are patient-centred
- Providing global leadership in the management of cancer.

Embedding research

Over seven floors, the Cambridge Cancer Research Hospital will co-locate patient-designed clinical space with three cutting-edge research institutes.





Research is the heart and soul of innovation at Addenbrooke's and thanks to the funds we raise ACT's investment in research has once again been significant.

We have been able to support our talented staff through the funding of five fellowships this year. Fellowships are a wonderful starting point for aspirational clinicians whose research benefits patients through clinical trials and cuttingedge developments that improve future patient care. Many of those who receive a fellowship are inspired to remain at Addenbrooke's to pursue research careers and help advance patient health.



To find out more, visit helpyourhospital.co.uk/research This year we have again made a significant investment into research with direct patient benefit.

Projects funded this year have included:

Developing a tool to empower patients' choice in managing melanoma (skin cancer)

Research in pursuit of developing artificially created livers



Parkinson's disease research

Examining factors that affect the survival and proliferation of stem cells in kidney disease

A study looking at clinical infection and rejection in small bowel transplantation

Study of a novel test to detect group B streptococcus in pregnant women

Exploring the functional impact of tinnitus in adults who use cochlear implants

Investigating a novel approach to early detection of breast cancer metastasis

Cambridge Global Health Partnerships

Working with partners around the world, our link charity Cambridge **Global Health Partnerships (CGHP)** aims to inspire and enable people to improve healthcare globally.

Despite the global disruption caused by Covid-19, CGHP's partnerships have endured and even strengthened thanks to the use of technology. This year, however, has seen the welcome return of in-person visits, which are invaluable in gaining in-depth understanding of other health care systems and developing strong personal relationships.

We are struggling to recruit and retain staff. Opportunities for staff to work on our critical care project in Uganda will be a huge motivational and retention tool, will allow us to develop as professionals and will impact on the care we give and how we support each other as a team. I look forward to watching our nurses grow as they work with Uganda.

In March, a Cambridge team visited partners in western Kenya and in May they came to Cambridge to continue our work on improving antibiotic stewardship and infection prevention and control practices to tackle antimicrobial resistance – a significant threat to populations across the globe.

In June, staff from intensive care units in Cambridge visited Uganda to partner with the Ugandan Ministry of Health as part of their SCALE programme, focusing on critical care. We have since co-created a training programme which will help increase critical care nursing expertise in Uganda and provide a valuable development opportunity for nurses in Cambridge.

In Myanmar (Burma), we continue to support a telemedicine project run by Burmese doctors which, in the past year, has provided more than 80,000 telephone and video consultations reaching patients in more than 96% of townships across the country.

Here in the East of England, we have delivered the Global Health Fellowship scheme for senior medical trainees, as well as awarding bursaries and supporting placements for students for their electives within our established partnerships.

We look forward to continuing work across our partnerships over the coming year and we are immensely grateful to everyone who generously supports our work.



Our income and expenditure 2021/22

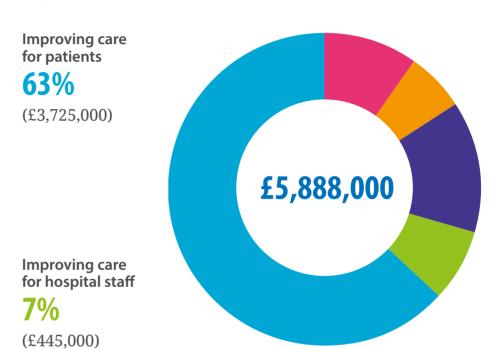


Voluntary income



(Total income including other sources £8.2m)

How we used our funds



Medical equipment costs

10%

(£564,000)

Other direct charitable expenditure

6%

(£356,000)

Research

14%

(£798,000)

We care about spending your gifts well



For every £1 we spent on fundraising last year, we raised another £2.28 to help make your hospitals even better



Our supporters

Thanks to all our wonderful fundraisers, donors, ambassadors and supporters who continue to give so much to make your wonderful hospitals even better. Here are just a few of their stories.

Rita's raffle

Just after Christmas in 2020, seven-year-old Rita woke up unable to see. Tests revealed she had bilateral optic neuritis, a very rare condition for someone so young. Despite initially positive results, her condition sadly deteriorated and she is now severely sight impaired.

Over the months, Rita became well acquainted with our wonderful, ACT-funded Play Team who help children get through unsettling times in hospital through play. But when Rita moved to a new ward, she was sad to find it did not have her favourite sand art equipment. So, this remarkable little girl decided to raise funds for the Play Team so they could buy more equipment.

She designed a raffle poster, asked local companies for raffle prizes, sold tickets at school, to neighbours and at her dad's workplace, where she also held a bake sale. In all, Rita raised an impressive £1,010 to spend on play equipment. Rita said, "I thought it would be a nice thing to do as they don't have as much as the downstairs ward, so if they had more stuff other kids might like it."

A marathon inspired by Harry

Congratulations to Sarah Stanford and indeed all of our courageous ACT runners, who completed the London marathon this autumn to raise funds for our hospital. Sarah was inspired to run after her nephew, Harry, was rushed to Addenbrooke's shortly after he was born with a life-threatening bleed on the brain and a torn lung. The PaNDR ambulance team saved Harry's life after making an emergency stop en-route and managed to stabilise him until his arrival at Addenbrooke's.



D Brown Building Contractors

Showing plenty of drive at their annual charity golf day, the players, supporters and sponsors raised a brilliant £10,040 to be shared between their three chosen charities - Addenbrooke's, Peterborough and Leicester hospitals.



Hanson Services

The team raised an incredible £26,100 at their annual golf day, which will support the appointment of a specialist paediatric apheresis nurse. It will transform the lives of families of young children who will now be able to receive this cancer treatment locally without the added stress of long journeys and overnight stays.





CPS Building Services

With over 150 attendees at their annual golf day, CPS raised £26,838 for the Rosie Hospital's neonatal ward. CEO Liam Connelly said:



Supporting Addenbrooke's is a cause that we will always be passionate about, so many of our employees are connected to the hospital in many different ways. I personally will always be grateful for the work the Rosie / Neonatal unit did supporting my wife and my identical twin boys.

Cambridge Commodities

Over the last 18 months, the staff at Cambridge Commodities have played an integral role in our fundraising efforts for the robot campaign – with bake sales, bike rides, litter picking, charity balls and everything in between. Their amazing efforts have raised over £70,000 toward our appeal. CEO, James Stevens, said, "Our bond with ACT continually grows stronger and this year has been no exception. We are inspired by the incredible team at the hospital and seeing the smiles on the staff and patients alike motivates us. We are most proud of how throughout the pandemic our staff found innovative ways to continue to raise money whilst improving their physical and mental wellbeing."







Addenbrooke's Charitable Trust Box 126, Addenbrooke's Hospital Hills Road, Cambridge CB2 0QQ

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• actfundraising

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Thank you to the photographers at Media Studio for images used in this report.



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