

Making your great hospitals even better

Our impact 2021

act
Addenbrooke's
Charitable Trust





Welcome

We are fast running out of new ways to describe this pandemic but, suffice to say, it continues to test our hospitals and those across the world. Throughout it all, however, our colleagues at Addenbrooke’s and the Rosie have risen to every challenge, again and again. We are so very proud of their immense personal sacrifices, their innovation and their sheer determination to find new ways of working.

We feel incredibly fortunate that, thanks to the wonderful support of donors, ACT has been able to play its part. With your help we have supported those new ways of working with digital apps, technology and equipment, as well as ongoing research into Covid-19 and more. That’s as well as providing some much-needed care for our hospital staff in a number of ways, all designed to help them through the toughest of times.

Our hospitals are still grappling with the impact of this pandemic while working on the recovery of the NHS after the past two years, and we are doing all we can do to help. One of the ways we are doing this is by fundraising for a surgical robot – a major innovation that is proven to transform the lives of patients.

And finally, we were delighted to announce that Dame Mary Archer DBE has taken up the role of President of our charity. Dame Mary has a long-standing relationship with Addenbrooke’s and the Rosie hospitals, being Chair of the hospital from 2002-2012 and Vice-President of Addenbrooke’s Charitable Trust from 2005 and we are thrilled to be working so closely with her.



Thank you for continuing to be there for us during these most challenging times. It really does mean the world to us.

Shelly Thake, CEO

“We feel incredibly fortunate that, thanks to the wonderful support of donors, ACT has been able to play its part.”



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Here are a few of the highlights of 2021

The ALBORADA Trust

The ALBORADA Trust responded swiftly to the Covid-19 pandemic, offering generous grants for the hospital in its time of greatest need, enabling ACT to establish a financial assistance scheme for hospital staff, distributing grocery vouchers and wellbeing packs for those on the frontline and creating two Covid-19 'wobble' rooms, giving staff a quiet space to rest and recuperate, without having to de-robe.

Virgin Money London Marathon 2021

Thanks to the incredible efforts of our wonderful runners in the 2021 Virgin Money London Marathon and virtual London Marathon, we raised over £50,000 for Addenbrooke's.



Thousands for the 1000 Challenge

We had some fantastic fundraisers taking on 1000 minutes of exercise, baking 1000 delicious treats, 1000 minutes of gaming and much more, raising over £15,000 for our robot appeal.



Honour for testing pioneer

Infectious disease expert, Dr Michael Weekes, received the British Empire Medal for services to the NHS during Covid-19. ACT funding helped Mike and his team to quickly



begin testing and researching asymptomatic transmission of Covid among CUH staff.

Our wonderfully caring community

In 2021 there were over 550 inspiring community fundraising events, with runners and walkers, communities and companies teaming up to help make our great hospital even better.



Helping hospital heroes take a break

with wellbeing packs, trauma release exercises, hardship grants and so much more.



Virtually fundraising

In November, ACT launched The Robot Collective via a virtual seminar where local companies heard how they can help buy Addenbrooke's a new surgical robot.



BBC TV's Surgeons at the Edge of Life series features many of Addenbrooke's world-leading surgeons who will use the surgical robot.



Delivering morale-boosting hampers

full of goodies to hospital staff at Christmas as well as chocolates on Valentine's Day and daffodils for a spring boost.



“ Thank you also for all of your ongoing acts of kindness – the bunches of daffodils were especially thoughtful at the beginning of the year. ”



Looking to the future

While the teams at Addenbrooke's have prepared themselves for the challenges of a difficult winter, we must also look beyond Covid-19 and remember that many other patients continue to need the care of our brilliant hospital staff. It is vital that we maintain our unwavering support of patients and staff, as well as assisting the hospital's pandemic recovery plans as they begin to get underway.

There is much to look forward to in the coming year, with three exciting projects in particular to get our teeth into, including the ambitious target to raise £1.5 million for an additional surgical robot, which launched last year and will continue through the months ahead.

We continue to support the two major philanthropic campaigns for the new Cancer Research Hospital and the new Children's Hospital. These two brand-new, purpose-built, specialist hospitals on the Addenbrooke's campus will combine first-class clinical space and world-leading research institutes to pioneer models of integrated care and research. Both hospitals are planned to open in 2025/2026.

While this pandemic is far from over, it feels more important than ever that we continue to support our hospitals, as well as looking forward to the exciting projects to come.

“ With the generous support of donors, we will continue to make our wonderful hospitals even better. ”



About ACT



We fund

new services and facilities for the benefit of patients and their families.



We enhance

existing services to levels over and above those that could be achieved through NHS funding alone.



We support

the research and innovation that continually drive improvements to healthcare, through pump-priming grants and bridging funding gaps.

Making our hospitals even better for staff and patients is our sole aim at ACT and everything we do to achieve that is totally reliant on the funds we raise – through the generous giving of patients and their families, businesses large and small, charitable trusts, foundations and philanthropic individuals.

Every donation of every size allows us to invest in Addenbrooke's, from cutting edge technology that is making surgery quicker and more pain-free, to pioneering research across the healthcare spectrum, including world-leading studies into Covid-19. It is allowing us to fund improvements to the care we provide for older patients undergoing surgery and helping us to support our wonderful staff so they can better cope with the enormous added pressures and stress brought by this pandemic.

The last two years especially have demonstrated that the unrestricted funds we receive are of vital importance. They give us the flexibility to invest in programmes when and as needs arise. That's why, next year, our aim will be to focus fundraising on unrestricted giving as much as possible.

Treatment



With your help, ACT has been able to fund a whole range of new treatments that are helping to make patient care at Addenbrooke's even better.

The PaNDR saving children's lives

The Paediatric and Neonatal Decision Support and Retrieval Service (PaNDR) is our new, much-needed ambulance service dedicated to transporting the region's sickest babies and children up to 16 across the region. Kitted out with specialist equipment, these amazing ambulances are like intensive care units on wheels, giving patients in this region the very best service possible.

Improving treatment for older patients

This ACT funded improvement programme is looking at multi-disciplinary care for older patients undergoing surgery. With a range of coaching, support and learning and development

events, it considers the whole service – from pre-op and the surgery itself, to the recovery period. The network has particular expertise in the post-operative period, setting an international standard for post-operative complications and length of stay.

Taking the sting out of shots

Using vibrations and a cold sensation, Buzzys provide safe and natural pain relief from injections. They're used to help needle phobic and young patients to overcome their fears.



Enabling ultrasounds at home

By providing community midwives with handheld ultrasound machines, we've been able to help women receive continuity of

midwifery care throughout pregnancy, labour and the postnatal period. Midwives can now perform simple scans to confirm the baby is head down at 36 weeks, meaning more women can remain under the care of their midwife at home. These handy sized machines reduce the need for unnecessary trips to the hospital for scans and also the number of undiagnosed breech presentations in labour.

Making an uncomfortable procedure less stressful



Injections and cannula insertions can be unsettling and uncomfortable, especially for patients who often undergo such procedures. So, we're delighted to have purchased two vein finders for the Transplant Unit. Placed over a patient's skin, they effectively indicate the location of veins allowing for more accurate insertion of needles, a reduction in the number of retries and an improvement in patient experience during an already unsettling time.

Technology and innovation

Addenbrooke's has always been at the forefront of medical innovation and with your help, ACT has been able to invest in new projects and technology that push the boundaries of healthcare.

Revolutionising head and neck surgical planning



A highly precise Cone Beam CT scanner is saving the lives of patients with head and neck cancer and transforming the lives of those with facial trauma and cleft palates. Combined with specialist modelling software and a 3D printer, it allows clinicians to plan complex surgery like never before. This is dramatically cutting

operating times and allows even high-risk patients to undergo life-saving surgery. We are immensely grateful to The ALBORADA Trust for their generous grant and everyone that has made donations towards this service.

Fuelling innovation to save lives



The Clinical Engineering team is responsible for procuring

medical equipment for clinicians, but sometimes that piece of kit hasn't been invented yet. This is where the Innovation Team steps in to create a bespoke solution. We're delighted that an ACT grant is funding a specialist, in-house innovation space where the team can better create from scratch the equipment of the future that will potentially transform patient care across the NHS and even worldwide.

Reducing children's anxiety



The Rhino Baby Voyager is an innovative, new multi-sensory unit to help calm children with high levels of anxiety and assist children with special educational needs. Purchased for the paediatric outpatient's clinic, it creates a calming sensory environment in seconds and, being portable, it can be moved around easily.



Helping detect more small tumours



The problem with finding small tumours is that it relies on the extremely accurate calibration of scanners. This ACT funded project uses innovative 3D printing techniques to replicate the human anatomy better, so that scanners can be calibrated more accurately and therefore detect small tumours that may not have been visible previously.

Automatically improving diabetes care



An artificial pancreas is helping to improve care for patients with diabetes, controlling insulin levels, reducing

the risk of infection, length of stay in hospital and admissions to the intensive care unit. It automatically controls glucose levels by delivering insulin via a pump under the skin, using glucose levels detected by a sensor.



What's next?

We are raising funds to buy Addenbrooke's an additional surgical robot. Robot-assisted surgery is a form of keyhole surgery that allows surgeons to make tiny incisions with absolute precision. The small size of the incisions helps minimise scarring, pain and discomfort, while reducing the risk of complications, meaning patients can be discharged from hospital within a matter of days, not weeks, following robot-assisted surgery.

We know just how transformational surgical robots can be because Addenbrooke's currently has one, dedicated to kidney, bladder and prostate cancer patients. Our appeal will help fund another surgical robot, revolutionising patient care across six more specialities, changing the lives of thousands of patients every year.

For more information visit: helpyourhospital.co.uk/robot

Groundbreaking research

Research is the heart and soul of innovation at Addenbrooke's.

ACT is proud to be part of the biomedical campus which is helping to create and drive unique partnerships between industry, university and clinical care, bringing innovations to the bedside quicker than ever.

Finding a better treatment for Hodgkin Lymphoma

Part funded by ACT, this project is now in its second year and is looking at young adults with Hodgkin Lymphoma. Its aim is to provide evidence that using a different chemotherapy drug carries the same cure rates while preserving fertility and reducing stem cell damage – allowing patients to have a family in the future. If successful, this could change the way we treat this terrible disease.

Discovering new ways to fight Covid-19

A pilot study funded by ACT has discovered a marker in the blood that shows if somebody has previously been infected by Covid-19. Being able to identify and follow patients who have been infected, the team hopes to be able to identify those who will need a booster. The biomarker could also become the first reliable way to diagnose long Covid, which, in turn will provide a valuable measure in the search for effective treatments.



Developing new treatments for rare cancers

ACT received a generous gift from the will of Phil Croft, which is supporting vital cancer research at Addenbrooke's. One of

the projects benefitting from Phil's kindness is focussed on finding new treatments for rare cancerous tumours, called gastrointestinal stromal tumours or 'GIST', malignant soft tissue tumours of the stomach.

Supporting vital fellowships

This year ACT has awarded five research fellowships to the value of just under £300,000 in the areas of pancreatic cancer, renal cancer, microbial resistance, bereavement care and obesity. Funding is possible thanks to fundraising by grateful patients, legacy gifts and a contribution from the Biomedical Research Centre. Fellowships are a wonderful starting point for many aspirational young clinicians, many of whom remain to pursue research careers. Patients also benefit through exposure to clinical trials and cutting-edge research.



“

As a trainee neurosurgeon with an interest in brain cancer I had few opportunities to pursue research. The ACT fellowship provided the funding for me to do this and it was transformational.



I moved from my Yorkshire training rotation to Cambridge and obtained data for a project that formed the basis of my PhD. I was then appointed as a clinical lecturer, which enabled me to complete my training in neurosurgery. I am now an Assistant Professor in Neurosurgical Oncology at the University of Cambridge and an Honorary Consultant Neurosurgeon at Addenbrooke's Hospital. My current role is the perfect mix of science (I have my own lab and team investigating brain cancer) and surgery. Without the ACT fellowship none of this would have been possible. ”

Richard Mair

Recovery and support



The generosity of our donors allows ACT to help patients through every step of their recovery as well as supporting staff and patients with ongoing care.

Wellbeing service for emergency staff

Set up within a week of its conception, this support service has been offering emergency department staff helplines, practical coping strategies, support groups and a buddy system from the beginning of the pandemic. Led by clinical psychologist, Kathrin Hicks, it has been so successful in helping the health and wellbeing of staff and reducing time taken off with stress, that the NHS is now funding the service.

Bespoke psychological care

Following an ACT funded research study into the relationship between

lipodystrophy and mental health issues, we are now funding a pilot project to develop a bespoke psychological support service. The condition can cause cosmetic manifestations that have a significant impact on physical appearance, especially in women. Over one third of patients take antidepressants and many suffer with a long history of body image concerns or bullying. This new service will provide individual approaches, including telephone consultations.

Updating the Critical Care Diary

New developments to the Critical Care Patient Diary app mean that, as well as staff, the relatives of patients can now write in their diary and add photos. Commonly, patients do not remember their time in intensive care and so the diary app has

proven to be an extremely useful tool for recovery.

Supporting poorly children's families

ACT is delighted to support Acorn House, run by The Sick Children's Trust, which provides the families of children being treated at Addenbrooke's with a place to stay just minutes from their child's bedside. With welcoming communal areas and warm staff to provide a friendly ear to listen during challenging times, it's so much more than a place to stay.

Helping staff cope with Covid stress



Staff have taken part in Trauma and Tension Relief sessions (TRE) to help them cope with the added stress of the Covid-19 working environment. TREs are a series of techniques designed to produce trauma healing and reduce stress by using six simple exercises.

Cambridge Global Health Partnerships



By working with partners around the world, Cambridge Global Health Partnerships (CGHP) aims to inspire and enable people to improve healthcare globally. Despite the ongoing challenges of this pandemic, CGHP's partnerships have strengthened. In fact, Covid-19 has highlighted the importance of investment in health systems and healthcare workers.

Thankfully we have been able to continue to facilitate new projects virtually and have developed new partnerships with Kenya and Zimbabwe this year. We have also worked to strengthen gender equality and social inclusion across our partnerships.

Cuts to UK Official Development Assistance meant that at the beginning of the year the UK global health community suffered significant funding cuts. The cancellation of a £35 million health partnership scheme was a blow felt throughout the health partnerships community. We responded by launching an urgent appeal and by increasing our efforts to diversify our fundraising streams.

In February, a military coup in Myanmar has led to the near collapse of their health system. Through

our long-standing health partnership with Myanmar, CGHP has been able to continue to support health workers on the frontline with funding from the Myanmar Emergency Response Fund, as well as through engaging in advocacy, supporting telemedicine services and by producing a series of educational videos.

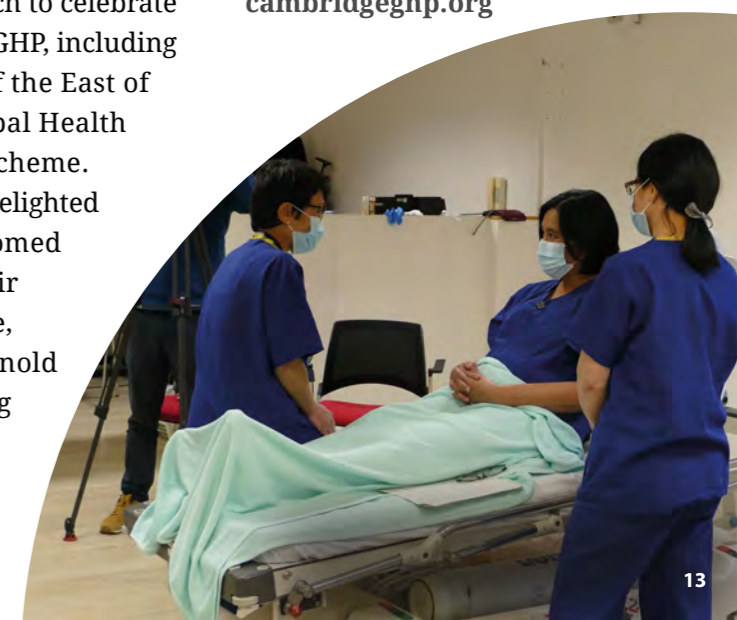
This year may have been a challenging one but there has been much to celebrate in 2021 for CGHP, including the launch of the East of England Global Health Fellowship Scheme. We are also delighted to have welcomed our new Chair of Committee, Catherine Arnold OBE, marking an exciting new chapter for CGHP.

“
My global health experience has strengthened my capacity to be the doctor I am today.

A partnership ... is about a shared vision and working together. Healthcare needs to change and be responsive to the world around us, and partnerships can do this.”

Dr Susan Broster
Interim Director of Improvement and Transformation at CUH and CGHP Committee Member

For more information visit:
cambridgeghp.org



Thanks to our supporters

With the kindness of generous donors and supporters like you, we're helping to make our world class hospitals even better. Here are just a few...



James Mills and company

James not only took part in the 2021 London Marathon, he also organised an office sweepstake with his colleagues at ARM and held a bucket collection at a Cambridge United game as well as many other fundraising activities. The company James works for kindly matched his fundraising and together they raised an amazing £3,000 for ACT.



A marathon effort

Chris Folkard, a radiographer at Addenbrooke's, knows only too well the challenges our hospital faces. Which is exactly what spurred him on to run a 10K, a half marathon and full marathon to raise funds. Chris said,

“The money raised for ACT supports staff and patients by enabling the hospital to go beyond its core mission, investing in training and equipment that enable us to better serve our patients, and expanding services so that we can catch up with the backlog of tests and treatment caused by the pandemic. All of this reduces pressures on staff and that's going to be vital as we struggle through the long recovery from this crisis. ”



A fitting legacy

Sadly, Alice and Stephanie lost their mum, Dr Jenny Brookman, in July 2020. She was diagnosed with mouth cancer in early 2019 and she underwent life-changing surgery and treatment. Wanting to recognise the outstanding care and support Jenny received at Addenbrooke's, Alice and Stephanie have made a substantial donation to our Robot Appeal. The sisters felt that their mum, a former research scientist, “would have thought that the technology behind the Robot was pretty impressive!” Their gift in support of the appeal felt like a fitting legacy and celebration of their mum's life.

A robot ambassador

Ian Smith is a cancer patient who benefitted from robotic surgery at Addenbrooke's. He was so impressed by the level of care he received that he made a personal donation to ACT. What's more, Ian was so amazed by the surgical robot that he has become a 'robot ambassador'. He is now supporting our appeal through the large networks he established during his career as a partner in a chartered accountancy firm, helping to find new and exciting opportunities for corporate partnerships with ACT.

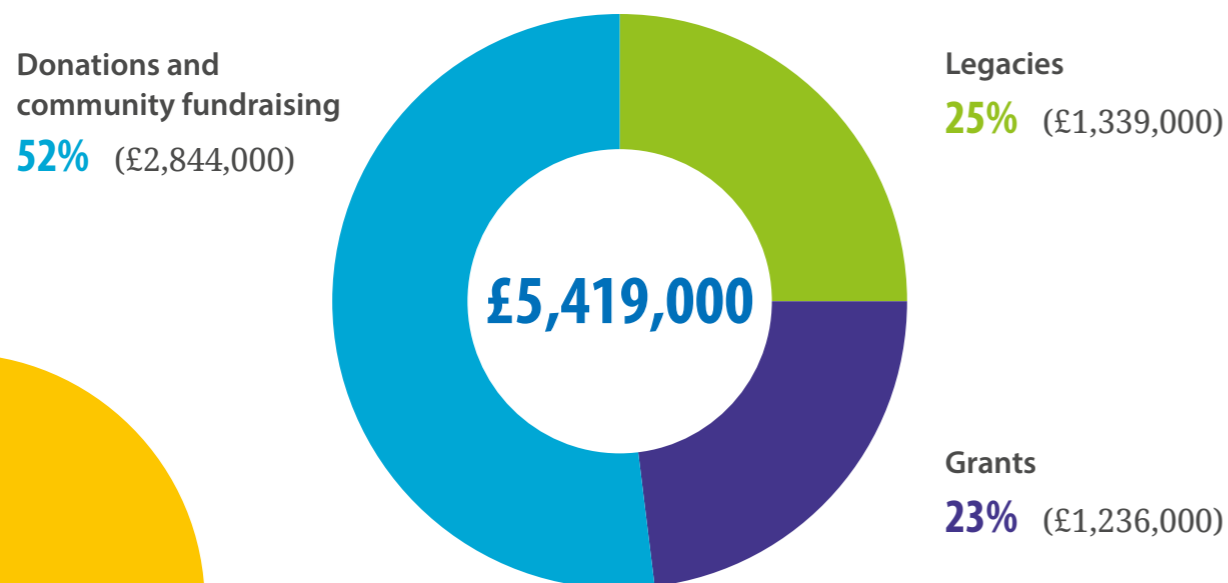


Every minute counts

Last spring, staff at Acteon Communication and Learning earned points for every minute of walking, running or cycling to raise funds for ACT, while staying fit and looking after wellbeing.

Our income and expenditure 2020/21

How we raised our funds



How we used our funds



We care about spending your gifts well



For every £1 we spent on fundraising last year, we raised another **£2.12** to help make your hospitals even better



How you can make a difference

There are so many ways you can support Addenbrooke's and help ensure it's always improving and always leading the way.

Get behind our **Robot Appeal** and help us transform surgery for thousands of patients.



Make a **personal gift** to help make our hospitals even better.



Choose us as your company's **Charity of the Year** or take part in one of our events as a team.



Put the fun into fundraising
Why not organise an event to get your family, friends or even local community involved? From PJ parties to a charity ball - anything goes!



Take on a challenge
We can help you set your heights high by climbing Mount Snowdon or walking 10,000 steps a day!



Leaving a Gift in your will is a wonderful way to **leave a lasting legacy**.



Atanu Pal, Colorectal Consultant at Addenbrooke's, ran the Virtual London Marathon, spelling out the word ROBOT in aid of our Buy Addenbrooke's a Robot Appeal. Atanu said:

“I'm truly humbled by the support I've received. I hope every penny raised brings all in Cambridge - patients and doctors - one step closer. The virtual 'Robot' is here, let's get the real one soon!”



Addenbrooke's Charitable Trust

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