

# SBRI HEALTHCARE ANNUAL REVIEW 2023 | 2024

ACCELERATING  
INNOVATION IN HEALTH  
AND SOCIAL CARE FOR  
PATIENT BENEFIT



**Health  
Innovation  
Network**  
*Local change, national impact*

**Accelerated  
Access  
Collaborative**





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# Accelerating innovations into the NHS

The importance of being able to find transformative, practical, and timely solutions to our health and social care problems, and to support the NHS workforce, has never been more paramount.

The Small Business Research Initiative (SBRI) Healthcare provides funding and support to early-stage innovations to enable feasibility testing and technology development, as well as to more mature products for real world implementation studies.

The programme is funded by the Accelerated Access Collaborative (AAC) which brings together industry, government, regulators, patients and the NHS, and is supported by the Health Innovation Network. The Programme Management Office (PMO) is run by the Innovations team at LGC's Grant Management Group.

Funding is awarded through open competitions, the clinical areas of which are scoped by working in close collaboration with frontline NHS and social care staff.

Competitions are open to any type of organisation, as long as a strong commercialisation plan is presented, including academia, NHS Providers, charities and corporates, but are particularly suited to small and medium-sized enterprises.

By working closely with the AAC team, and fostering new collaborations, the programme accelerates innovations into the NHS and helps make the NHS a thriving place to innovate.

The core objectives of the programme are, that SBRI Healthcare:

- >Improves patient care including preventative healthcare and community-based care, whilst decreasing the NHS's carbon footprint
- >Creates more equitable access to care and tackles health inequalities. Innovations are developed in close collaboration with patients, and patient benefit and empowerment are at the heart of SBRI Healthcare's mission
- >Increases NHS efficiencies and capacity by enabling innovations that contribute to cutting waiting times, increasing productivity and generating savings for the NHS
- >Enables the NHS to access new innovations through Research and Development (R&D) that solve identified healthcare challenges and unmet need by fostering collaboration between Trusts, Integrated Care Boards (ICBs) and technology providers
- >Brings economic value and wealth creation opportunities to the UK economy. The programme de-risks innovation to boost the UK startup and venture community.



**"The support we received from SBRI Healthcare was exceptional. The funding allowed us to test a number of areas, which has allowed us to now grow our impact and deploy support to unpaid carers across the UK. We're also adapting the platform to help in other areas of Social Care, from International Recruits to Foster Care and Care Leavers."**

**Darren Crombie, Bridgit Care**



**"The advice and guidance from SBRI Healthcare staff was fantastic. The staff and mentors were very accessible, approachable and provided useful and invaluable guidance. Being on the programme has enabled us to leverage other opportunities, for example working with partners to enhance our offering and it was instrumental for the organisation to secure further funding."**

**Dr David Fried, Evolv Rehabilitation Technologies**



**"The SBRI Healthcare programme helped us secure equity funding. It funded clinical studies and key device development phases, as well as health economics and was key in us receiving IDAP status with MHRA."**

**Dr Saif Ahmad, 52North**



## In the Financial Year 2023/24

In the financial year 2023/24, the SBRI Healthcare Programme ran four competitions across five challenges - Child health, Autism and Learning Disability, Health Inequalities in Maternity Care, Delivering a Net Zero NHS for a Healthier Future, and Net Zero: Clinical Innovation.

**£9 million** of funding was awarded to **41** innovations.

The NHS Cancer Programme, supported by SBRI Healthcare, launched the third round of the Innovation Open Call.

### Autism and Learning Disability, Health Inequalities in Maternity Care, and Child Health

**£2.4 million**

Awarded to 5 innovations that support autistic people and people with a learning disability

**£885,000**

Awarded to 9 innovations that support the health and wellbeing of children and young people

**£2.5 million**

Awarded to 5 innovations that reduce health inequalities in maternity care



We are very thankful for the support received from Autistica who provided invaluable insights into the challenges currently faced by the system, and access to patients with lived experience.

### Net Zero

**£1.7 million**

Awarded to 19 projects focusing on Delivering a Net Zero NHS for a Healthier Future to enable clinical engagement and pathway transformation towards lower carbon care models, as well as novel business models to enable circularity in perioperative and critical care settings

**£1.5 million**

Awarded to 3 projects for Delivering a Net Zero NHS: Clinical Innovation



We would particularly like to acknowledge the Greener NHS Team who contributed financially to the competitions.



“

**"SBRI Healthcare provided us with the funds, support and connections to take Good Boost from a concept to a nationally delivered programme of supported self-management. Good Boost would not be where it is now without the support of SBRI Healthcare in de-risking the journey of innovation from idea to tangible solution."**

**Ben Wilkins, Project Lead, Good Boost**

# Creating the Healthiest Generation, Transforming Care, and Narrowing Health Inequalities

SBRI Healthcare supports the strategic aims of NHS England including the ambitions set out in the NHS Long Term Plan, Transforming Care Programme, Maternity Transformation Programme, Core20PLUS5 and Core20PLUS5 for Children and Young People. The funding awarded in 2023/24 helped accelerate change, leveraging cross-sector collaboration and technical expertise.

In 2023/24 SBRI Healthcare awarded **£885,000** for the development of **nine** innovations that help improve the health and wellbeing of children and young people through Competition 23: Child Health.

The competition focused on the management of long-term conditions in the priority areas of:

>Asthma - the most common long-term condition among children and young people and one of the top ten reasons for emergency hospital admission of children in the UK.

>Epilepsy - the commonest significant neurological disorder affecting children and young people.

>Diabetes - which is becoming increasingly common among young people in the UK, the majority due to Type 1 but there are growing numbers of Type 2.

Also the prevention of ill health, specifically:

> Obesity, with obese children likely to become obese adults with an increased chance of developing a range of other health conditions.

> Oral health, with early oral health promotion in childhood fostering healthy behaviors for life.

In 2023/24, SBRI Healthcare also awarded **£2.4m** of Phase 2 funding to **five** innovations that support autistic people and people with a learning disability, and **£2.5m** to **five** innovations that help narrow health inequalities in maternity care.

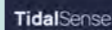
**"Ensuring the health and wellbeing of our children and young people has, and will always be, paramount. I'm delighted to see such a diverse range of companies awarded SBRI Healthcare funding. In a digital age, they are harnessing the latest technologies and evidence-led approaches to support the diagnosis and treatment of a variety of conditions. I look forward to seeing the positive impact their innovations will have on children, young people, their families and caregivers."**

**Prof Paul Dimitri, Professor of Child Health and Director of Technology and Innovation at Sheffield Children's Hospital, Director of NIHR Children and Young People MedTech Cooperative and Vice President of Science and Research at the RCPCH**



## Phase 1

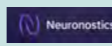
### CHILD HEALTH

**TidalSense N-WATCH: Nottingham** 


Assessment of Wheeze and Asthma in Children using a novel fast-response capnometer and machine learning

**Aseptika Ltd** 


CYP asthma: Reaching underserved and undertreated CYP with PUFFclicker3, a newly developed, 5G connected, universal smart inhaler tracker

**Neuronostics Limited** 

Defining and validating a digital biomarker of epilepsy in children

**Tiny Medical Apps Ltd** 

Digital Health Passport for Epilepsy: Smarter Accessible Epilepsy Support for Children, Young People and Carers



**Applied Nanodetectors Ltd** 


Point of care (POC) breath test to accurately predict asthma exacerbations in children

**Transdermal Diagnostics Ltd** 

Non-invasive, and needle-free, continuous glucose monitor for children and young people living with diabetes


**Neurotech Ltd**  IMMERSE project


**William Oak Diagnostics**  A point-of-care test for micronutrient deficiencies for children with obesity 


**Family Mental Wealth Ltd**  Tackling childhood obesity through digital tools that address the underlying psychological drivers for Emotional Eating, physical inactivity, and unhealthy eating

## Phase 2

### AUTISM AND LEARNING DISABILITY

**Maldaba**  Annual Health Checks


**XR Therapeutics Ltd**  Providing a more accessible mental health intervention for autistic individuals and individuals with a learning disability

**Mid and South Essex NHS Foundation Trust and oVRcome** 

Supporting patients with a learning disability and autistic patients to overcome healthcare-related phobias and anxiety in their own homes

**Little Journey** 

Development and evaluation of an accessible digital psycho-education support tool for neurodivergent children undergoing healthcare procedures


**UNEEG medical Ltd** 


Tolerability and acceptability of subcutaneous EEG monitoring in people with epilepsy and intellectual disability


## Phase 2

### HEALTH INEQUALITIES IN MATERNITY CARE

**Latchaid Ltd**  Anya - a smart, scalable, and accessible solution for antenatal and postnatal support to address health inequality in maternity care

**Damibu**  Research on 'hyper-localisation' of digital health information to address Maternal Health Inequalities as experienced by different localities and cultures

**2SN Healthcare Ltd**  JANAMAPP - a culturally sensitive, linguistically appropriate, evidence-based information app for South Asian mothers throughout their pregnancy and post-natal journey

**First 4 Health Group**  Impact Evaluation of a novel data-driven maternity service within the Stratford Primary Care Network

**The Real Birth Company Limited**  The implementation, evaluation and development of The Real Birth Digital Programme, creating hyper-personalised childbirth information tailored for marginalised groups





## > In conversation with Zoe Wright, Founder & CEO, The Real Birth Company



### Public Engagement and Involvement to Narrow Health Inequalities

#### Please tell us about the work you're doing to make The Real Birth Company more accessible and personalised?

We are committed to making RealBirth more accessible and personalised to meet diverse needs of expectant parents. Our efforts include translating preterm-birth modules into multiple languages, ensuring vital information reaches communities where English is not the first language. We've introduced the first British Sign Language (BSL) programme specifically for maternity care, making our resources more inclusive for the Deaf community.

In addition, we are developing personalised content to reflect a broad range of experiences and circumstances. This includes providing targeted information for individuals facing specific challenges, such as diabetes in pregnancy, low Pregnancy Associated Plasma Protein A (PAPP-A), or the risks associated with female genital mutilation (FGM). We've also tailored support for transgender and non-binary parents, ensuring that everyone feels represented and supported throughout their maternity care.

Our goal is to ensure that every parent, from all backgrounds and circumstance, feels seen, heard, and empowered. By focusing on personalisation and accessibility, RealBirth is working to break down barriers to information, supporting a more inclusive environment where all parents receive the support they need for a positive pregnancy experience.

#### Why is accessibility and inclusion so important?

In maternity care, accessibility and inclusion are essential as personalised support directly improves outcomes for parents and babies. When access to information is limited, it can lead to stress, inequality, and poorer health outcomes, particularly for marginalised and underrepresented groups. By making resources inclusive and easily accessible, we empower individuals with the knowledge needed to make informed decisions, enhancing both understanding and overall experience. This approach helps with trust, ensures no one is overlooked, and promotes equitable healthcare across diverse communities—ultimately delivering better, more positive outcomes for all.

#### What barriers have you seen and how have you overcome them?

We recognised several barriers to engaging with expectant parents while creating our resources. Some individuals faced challenges in finding time to attend group sessions, so we introduced anytime sessions including days, evenings and weekends, allowing parents to join discussions at their convenience. This approach helped accommodate busy schedules. Developing BSL has provided some challenges, especially with some of the direct translations due to the differences in language. We have worked closely with the team and women to decide how best to present the information, making it clear and easy to understand. By

integrating their insights and perspectives, we developed sensitive resources that reflected experiences. For other groups our 1-2-1 sessions allowed for open dialogue, creating a safe space to ask questions and share concerns without judgement. This personalised approach helped support those with lived experience share their stories, emotions and how they were impacted without clinicians being present. Clinician input was also vital for developing effective maternity care resources; however, limited availability and time constraints can hinder their engagement. We established clear agendas and focused discussions to maximise efficiency, ensuring that their expertise was integrated into our resources.

#### How is your work helping narrow health inequalities? What impact have you seen?

One significant impact we have observed is an increase in engagement from historically underserved groups. Nationally, we have seen a rise in participation from pregnant women and people living in areas with multiple deprivation levels 1 to 3. Our most recent real-world evaluation also highlighted a notable increase in Black and Asian women using RealBirth compared to population levels.

Collaboration with Deaf women has revealed that the available resources for this group are extremely limited. Our work has impacted significantly here to support, providing tailored resources that address their unique

needs. By focusing on accessibility and inclusivity, we are committed to ensuring that all women and people have the information and support necessary for a positive pregnancy experience, narrowing the health inequality gap by providing the ability to gain access to information that supports more people's personal circumstances.

Simultaneously by tracking and monitoring data we are helping hospitals be more responsive to their birthing communities.

#### Is personalised care the future of healthcare?

Personalising maternity information is essential for advancing maternal healthcare in the future. For many pregnant women or people, pregnancy is not an illness but a significant life event. However, there are those with additional healthcare needs, and for them pregnancy can present unique challenges.

It is crucial to recognise that we cannot adopt a one-size-fits-all approach, yet currently, there is no tool available that offers the level of personalisation required to meet individual needs outside of acute care settings. People's awareness and understanding of birth significantly impacts how they navigate it and their experience, and RealBirth is designed to address this gap.

#### What advice would you give to other healthcare companies about how to become more accessible and inclusive? Where can they go for advice?

To become more accessible and inclusive, healthcare companies should focus on understanding the diverse needs of their patients or users. Engaging with local ICBs and Health Innovation Networks can be a really helpful way to understand the needs that each area is addressing. Making contact with clinicians and finding out the challenges that they face in practice is also a helpful exercise. It is also vital to engage with people from different backgrounds when developing resources. Think about where people spend most of their lives - in maternity that is not often the hospital or clinic.

There are also some amazing resources out there to start, The King's Fund, Health Innovation Networks, and many more examples of how to work towards achieving inclusivity.



**"The modules have been life changing! I never expected to learn all of this information as a Deaf Mother. It has been a great experience and I know that it will give me a positive birth experience because I will know what will be happening without worrying about my communication barriers."**

Steering Group supporter

# SBRI HEALTHCARE IMPACT TO DATE

April 2013 - April 2024

\*Data is taken from the SBRI Healthcare Annual Survey sent to the SBRI Healthcare portfolio

**£150m**      **333**

Invested

Products supported



## IMPROVED PATIENT CARE AND IMPROVED NHS EFFICIENCIES

**>11m**

Patients impacted through sales and trials

**30,773**

Sites accessed through trials or sales



## ENABLED THE NHS TO ACCESS INNOVATION

**353**

IP granted

**2,515**

New collaborations established

**93**

Companies with sales in the NHS



## UK ECONOMIC GROWTH

**£723m+**

Private investment leveraged

**£99m**

Revenue generated

**2,874**

Jobs created / retained

**4**

Acquisitions

**1**

IPO (£15m+ raised)

**108**

Companies with commercial revenues

**73**

Products exported



# Creating a Net Zero NHS



SBRI Healthcare is committed to supporting the NHS to reach its Net Zero targets. In 2023/24, the programme awarded **£3.2 million to 22 innovations** that improve patient care and save money whilst making the NHS greener.

**19 innovations** were collectively awarded **£1.7 million** through SBRI Healthcare 'Competition 24: Delivering a Net Zero NHS for a Healthier Future'. The competition focused on:

- Clinical community engagement
- Novel business models to enable circularity in perioperative care and critical care settings
- Net zero transformation across clinical pathways.

**Three** more projects were awarded combined funding of **£1.5 million** through 'Competition 22, Delivering a Net Zero NHS: Clinical Innovation, Phase 2' for the development of prototypes and evaluation before real-world implementation. Phase 2 funding is open to projects funded at Phase 1. The competition focused on:

- Decarbonising surgical pathways
- Reducing waste in surgery and critical care
- Net Zero personalised care
- Tools to support the workforce to deliver Net Zero care.



"SBRI Healthcare is an extremely useful programme that combines project monitoring with great support. It fosters the drive from research to real-world outcomes that makes a positive impact for both the NHS and SMEs."

**Dr Tom Dawson, Founder and CEO, Revolution-ZERO**



## Competition 24

## Competition 22, Phase 2

### DELIVERING A NET ZERO NHS FOR A HEALTHIER FUTURE

**Brighton and Sussex Medical School**

Novel methods for decontamination enabling reuse of airway devices

**Labcycle Ltd**

From waste to products: a pioneering circular economy model for research and healthcare systems

**Mackwell Health Ltd**

Point-of-Care Medical Device Re-Use via Ultraviolet LED Decontamination

**Rewire Rehab Ltd**

Using Rewire, a neurorehabilitation app, to reduce the carbon footprint of a community stroke rehabilitation service

**Care Without Carbon, Sussex Community NHS Foundation Trust**

Delivering a low carbon neurorehabilitation pathway

**Tiny Medical Apps Ltd**  
Patient Led Asthma Inhaler Net zero Initiative (PLAIN I)

**Tiny Air Limited**

Transforming surgical instrument decontamination towards carbon negative operating theatres

**Care Without Carbon, Sussex Community NHS Foundation Trust**

Digital Green Impact Assessment Tool

**Blüm Health**

Diagnostic Optimisation: A digital platform to support efficient test selection

**Somerset NHS Foundation Trust**

Support of PiP (Pee-in-Pot) adoption at scale within a UK healthcare setting

**Somerset NHS Foundation Trust**

Show Me Your Meds Please

**Tunley Environmental**

Pressure Ulcer Clinical Pathway Aid (PU-CPA)

**Royal Devon University Healthcare NHS Foundation Trust**

Transforming Prostate Cancer Monitoring Services to a Low-Carbon Future

**The Centre for Sustainable Healthcare Ltd**

Taking collective action to deliver low carbon, equitable maternity care

**Manchester University NHS Foundation Trust**

Developing a Green Sustainability Framework for NHS Elective Surgical Hubs

**University of Brighton**

The development, evaluation and dissemination of an environmental sustainability recipe book to reduce the carbon footprint of intensive care

**Students Organising for Sustainability UK**

Net Zero Dentistry from the inside out: Engaging the dental sector with the Green Impact Dentistry toolkit

**Greener Practice C.I.C.**

Off the Shelf Net Zero Platform for Primary Care

**Redmoor Health Ltd**

Primary Care Route to Net Zero

### DELIVERING A NET ZERO NHS: CLINICAL INNOVATION

**Revolution-Zero Group Ltd**  
ZERO-DECON: Net Zero healthcare textile processing

**Walk With Path Ltd**

A sensor-rich haptic wearable and advanced telemedicine platform to prevent diabetic foot ulcers and reduce the carbon footprint

**Definition Health Ltd**

Carbon reduction through a personalised surgical journey



# NET ZERO PORTFOLIO IMPACT

July 2021 - April 2024

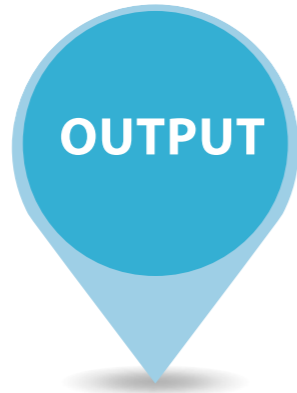


**£10m**

Total invested

**39**

Products supported



**28**

IP granted

**148**

New collaborations established

**282**

Sites accessed through trials or sales

**96**

Jobs created / retained



**£3.5m+**

Revenue generated

**5**

Products exported

**10**

Companies with sales in the NHS

**>1.2m**

Patients involved through sales and trials

**£2.7m+**

Private investment leveraged

**10**

Companies with commercial revenues



Improved patient care



Money saved



Lowered carbon emissions



Circular economy supported

# Enhanced Support for Innovators

Supported by experienced guest speakers and partnership organisations, in 2023/24 the Programme Management Office continued to offer expert advice, tailored workshops and networking opportunities to innovators. This helped maximise the potential for successful project outcome delivery at each stage of the venture journey, and break down barriers to the development, adoption and spread of innovation. We continued to build an engaged online community on LinkedIn, facilitate two-way dialogue to adapt to innovators' needs, and to profile the positive impact of our portfolio.

## Innovations Showcase, 27th June 2023

11 high-potential SMEs from across the SBRI Healthcare, NHS Cancer programme Innovation open calls, NIHR (National Institute for Health and Care Research) Invention for Innovation (i4i) programme, and AI in Health & Care Awards showcased their work to investors, innovators, NHS and healthtech stakeholders at the Innovations Showcase 2023 at the Francis Crick Institute on 27th June.

Alex McLaughlin, Deputy Director, Innovation and Growth, at the Office for Life Sciences gave a keynote address along with Sam Gray, Managing Partner of Apposite Capital, and Professor Clive Buckberry, FEng, FlInstP, CTO at Quanta Dialysis Technologies who discussed learnings from Quanta's successful exit. The event was chaired by Joanna Smart, Investor at BGF, Non Executive Chair at Oxford Cancer Biomarkers and Deputy Chair of the NIHR i4i Panel.

Introduced by NIHR and SBRI Healthcare Programme Director Professor Michael Lewis, the innovators showcased the work they're doing to improve care for patients and improve NHS efficiencies, and their plans for commercialisation and scaling up. The companies were: 52North, Anya, genedrive, LabCycle, Motilent, MyWay Digital Health Ltd, Neuronostics, NeuroVirt Limited, Open Medical, Sonrai Analytics Ltd, and Surgery Hero.



## NHS Cancer Programme Innovation Open Call Networking event, 26 September 2023

100+ innovators and leaders within the NHS Cancer community attended the NHS Cancer Programme Innovation Open Call networking event on 26 September 2023 at the Royal College of Physicians, London.

The event, organised by SBRI Healthcare and the NHS Cancer Programme team, was an opportunity for the 14 companies supported by the NHS Cancer Programme Innovation Open Calls to showcase their work, share experiences and build new connections. Representatives from NHS England's 21 Cancer Alliances, who provide support locally, also attended and colleagues from the Health Innovation Network.



## Tailored Workshops

SBRI Healthcare's 2023/24 workshops for innovators included support for commercialisation and IP, Public and Patient Involvement and Engagement (PPIE), and Net Zero and sustainability. Innovators were also given opportunities to attend Q&A drop-ins and knowledge sharing sessions.



SBRI Healthcare portfolio company Upfront Diagnostics Won Rewired's Pitchfest 2024. Photo credit: Rewired

**"SBRI Healthcare has been instrumental in bringing the Digital Health Passport from concept to widespread NHS adoption. The funding and support have allowed us to rigorously test and refine our innovation, generating crucial evidence of its impact. Without SBRI Healthcare we wouldn't have been able to demonstrate the significant improvements in asthma control and patient activation that have made the Digital Health Passport attractive to NHS commissioners."**

**Dr Greg Burch, Co-founder and Clinical Director, Tiny Medical Apps**

## UK Conferences and events

To raise the profile of the programme and diversify applicants to ensure the highest quality of applications, SBRI Healthcare and our portfolio companies took part in and/or exhibited at 2023/24 UK conferences including HETT 2023, MedTech Innovation Expo 2023, NHS Confederation Expo 2023, SEHTA 2023, Giant Health 2023, Rewired Digital Health 2024, NHS Clinical Entrepreneur Programme's Big Pitch 2024, Bridging the Gap: NHS Net Zero, and IMechE's Transforming healthcare: The role of engineering to deliver a Net Zero health service - report launch and technology showcase.

**"SBRI Healthcare has been transformative for our business at PocDoc. It has turbo-charged every aspect of our progress within the UK Healthcare System and been the bedrock of PocDoc's growth over the last 12 months. The team at SBRI Healthcare have been incredible to work with and being part of the programme has been an absolute pleasure."**

**Mr Steve Roest, CEO & Founder, PocDoc**





# Going Forward

Going forward we are committed to building on the success of the SBRI Healthcare programme to develop, scale and spread as many evidence-based innovations as possible to support the NHS, social care system and wider market. Also to support governmental objectives including the Life Sciences Vision.

We will continue to ensure that new innovations support staff to be as efficient and effective as possible, are sustainable and contribute to Net Zero goals, and are co-designed and developed with patients at the forefront.

We will continue to listen to the needs of entrepreneurs to help unblock barriers to healthcare innovation, and facilitate collaboration, partnerships and knowledge mobilisation across the innovation ecosystem.

## WE WILL WORK WITH INTEGRATED CARE BOARDS/SYSTEMS (ICB/ICSs) TO EXPLORE FURTHER OPPORTUNITIES FOR ACCELERATION OF SPREAD AND ADOPTION

Through working closely with the ICSs/ICBs we will continue to explore how to support the most promising technologies and approaches to be spread and adopted faster at regional and national level. We will continue to provide opportunities for innovators and NHS leaders to meet and tailored support for innovators to address key challenges. We will share insights with the innovation community through communications and events.

## WE WILL HELP NARROW HEALTH INEQUALITIES

We will continue to focus on the Core20PLUS5 and Core20PLUS5 for Children and Young People approaches to support the NHS in reducing health inequalities at both the national and system level. We are committed to empowering patients and building innovations that can help deliver equitable healthcare and benefit the most vulnerable groups of society and deprived communities. We will continue to improve diversity and inclusion within the SBRI Healthcare programme to help ensure equitable funding.

## WE WILL EMBED BEST PRACTICES TO SUPPORT NHS NET ZERO AMBITIONS

Collaboration across different industry sectors, government, academia and other organisations is key to deliver on the NHS's Net Zero ambitions. We will build on our successful collaboration with the Greener NHS team and our partnerships to ensure sustainability continues to be embedded in the development of all innovations we support and we are Net Zero champions leading best practice.

## WE WILL CONTINUE TO SUPPORT THE NHS CANCER PROGRAMME THROUGH THE INNOVATION OPEN CALL

We will continue our partnership with the NHS Cancer Programme to fund and support innovations working in the early detection and diagnosis of cancer.

# Meet the Innovators

A sample of SBRI Healthcare portfolio companies present their companies, their innovations, and the impact they're having on patients and NHS efficiencies

The views, projections and data included are those of the innovators/companies themselves and not necessarily those of SBRI Healthcare or its stakeholders.



**Mr Steve Roest**  
CEO & Founder  
PocDoc  
X: @mypocdoc  
Linkedin: /company/mypocdoc  
Email: steve@mypocdoc.com

**Product name:**  
PocDoC Healthy Heart Check  
**Available to buy at:**  
<https://shop.pocdoc.co/pages/healthy-heart-check>



**pocdoc.co** p. 23





**Marcia Rankin-Smith**  
Digital Consultancy Lead  
Lenus Health  
X: @lenushealth  
Linkedin: /companylenus-health  
hello@lenushealth.com

**Product name:**  
Lenus Treat  
**Available to buy at:**  
hello@lenushealth.com or  
www.lenushealth.com



**lenushealth.com** p. 25







**Ben Wilkins**  
CEO  
Good Boost  
X: @Good\_Boost  
Linkedin: /company/good-boost  
Email: info@goodboost.org

**Product name:**  
Good Boost  
**Available to buy at:**  
info@goodboost.org  
<https://www.goodboost.ai/>



**goodboost.ai** p.27





**Rebecca Borton**  
Health Outcomes & Project Lead  
patientMpower  
X: @mpatientMpower  
Linkedin: /company/patientmpower  
Email: info@patientMpower.com

**Product name:**  
patientMpower Remote Monitoring Platform  
**Available to buy at:**  
Available through G-Cloud 13, or  
contact info@patientMpower.com  
for a personalised quotation



**patientmpower.com** p.29





**Dr Carey McClellan**  
CEO and Founder  
getUBetter  
X: @getubetter  
Linkedin: /company/72773330/  
Email: carey@getubetter.com

**Product name:**  
getUBetter  
**Available to buy at:**  
Contact Jake de Buriatte Moglia,  
Business Development Manager:  
jake@getubetter.com



**getubetter.com** p.31






**Dr Umar Naeem Ahmad**  
CEO  
Abtrace  
X: @Abtrace  
Linkedin: /company/abtrace  
Email: team@abtrace.co

**Product name:**  
Abtrace Proactive Monitoring Tool  
**Available to buy at:**  
<https://abtrace.co/>



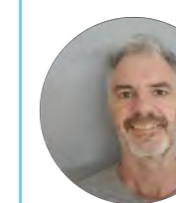
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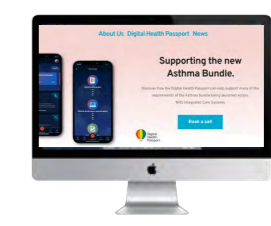



**Dr Greg Burch**  
Co-founder and Clinical Director  
Tiny Medical Apps Ltd  
X: @TinyMedicalApps  
Linkedin: /showcase/dgtlhealthpass/about/  
Email: hello@tinymedicalapps.com

**Product name:**  
Digital Health Passport for Asthma  
**Available to buy at:**  
Available for NHS commissioning  
via G-Cloud framework




**tinymedicalapps.com** p.35






**Ajith George**  
Medical Director  
endoscope-i Ltd  
X: @endoscope\_i  
Linkedin: /ajith-george-24003555/  
Email: ajith@endoscope-i.com

**Product name:**  
Rapid ENT  
**Available to buy at:**  
endoscope-i.com



**endoscope-i.com** p.37





## > Treatment to Prevention



### Preventing cardio, metabolic and renal diseases with data-driven diagnostics for all

Each year globally, 27m lives are lost to preventable cardio, metabolic and renal (CMR) diseases.

Identifying those at highest risk of disease and ensuring they receive appropriate treatment could save millions of lives and save the global economy trillions of pounds per year.

Access to testing has never been more vital as millions of people are living with high risk of preventable diseases but have never been tested. Up to 90% of cases of CMR diseases can be prevented through early intervention.

The PocDoc Healthy Heart Check enables users to discover their heart health in under 10 minutes, including a full lipid panel, Heart Age and 10 year risk of heart attack/stroke. The fully encompassing screen enables the “So What” to be delivered at the moment of testing through live risk stratification, clinician reviews and treatment options.

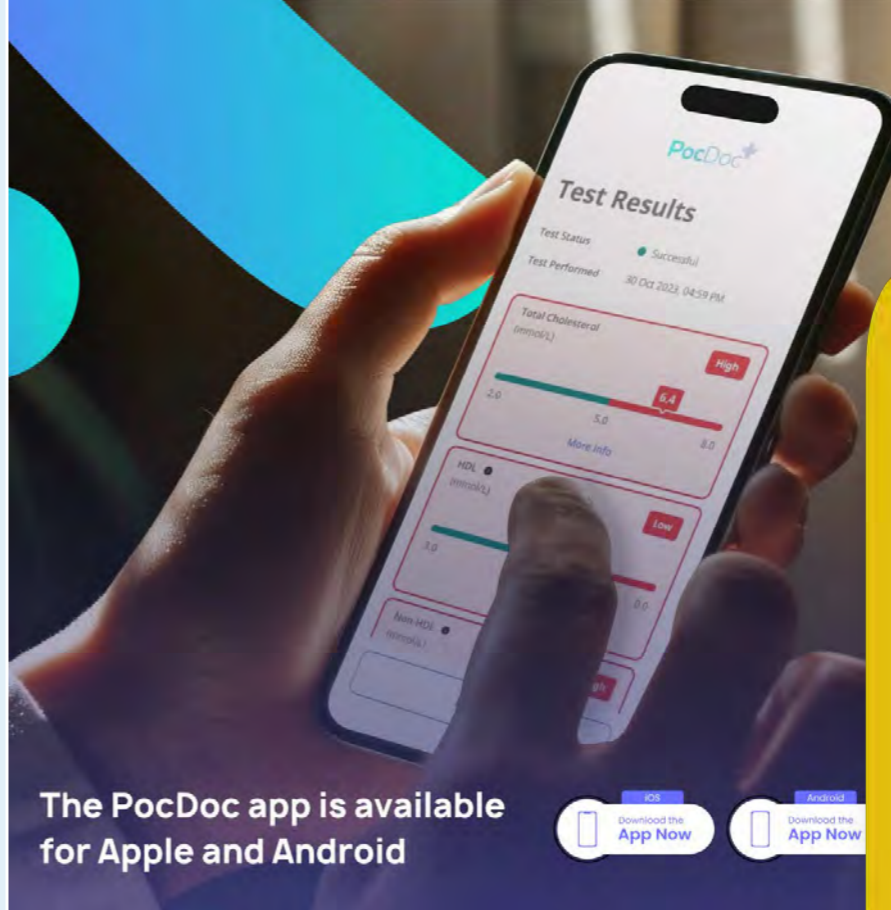
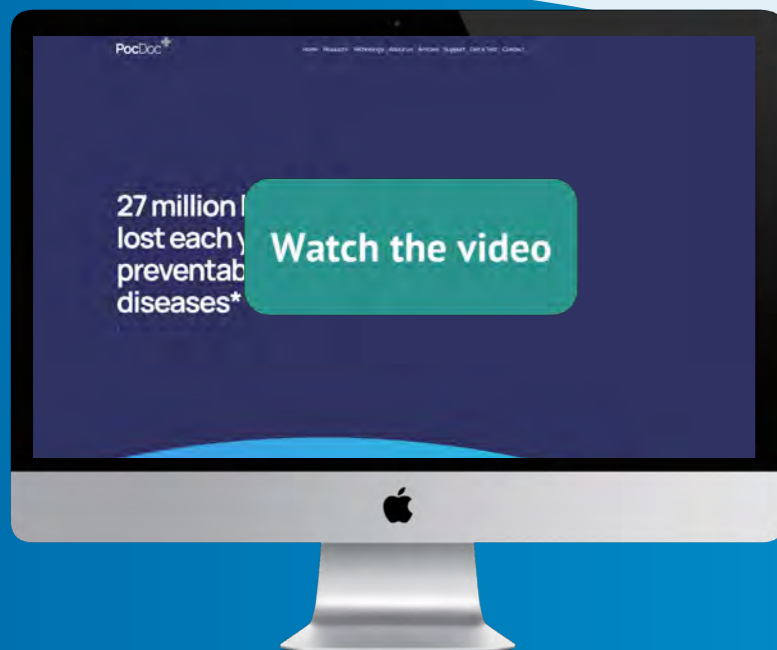
Protected by multiple patents in the US and EU, the proprietary on-chip fluid dynamics, HUESnap imagine and cloud-integrated operating system, has enabled Healthy Heart Checks to be conducted with NHS and private partners across the UK.

PocDoc’s rapid screening approach saves Primary Care resources and reduces burden. It is affordable with no equipment costs which means fast scaling and expansion of services into home, community and workplaces. Integrated results with patient records allows full interoperability.

Over a six month period PocDoc demonstrated that it could deliver 6,120 Healthy Heart Checks saving 10,000 hours of GP surgery time. It collected 500,000 clinical data points and identified 1,021 people at high risk of cardiovascular disease and directed them onto treatment. To date it has saved the NHS £14.2m and touched 2,800 lives through clinical interventions.

## IMPACT

- >Commercial contracts with eight separate NHS systems as a direct result of our SBRI Healthcare work
- >Tripled the value of the grant in NHS contracts secured so far
- >Now commissioned nationally, regionally and locally across the UK
- >Announced PocDoc’s largest funding round to date from leading UK venture capital investors at a multi-8 figure valuation
- >Doubled the size of the company and intend to double it again by Dec 2025 as a direct result of SBRI Healthcare
- >The demand as a result of the SBRI Healthcare project led PocDoc to open up a large new manufacturing and operations centre in North Cambridge which could result in hundreds of jobs being created in the next 24 months
- >Screened over 50,000 patients in 2024 as a result of the boost given by the grant
- >Steve Roest, CEO, is one of 8 members of the NHS England SME Advisory Board



The PocDoc app is available for Apple and Android

“Cardiovascular Disease is a silent killer. With PocDoc’s Healthy Heart Screens we are raising awareness and increasing uptake of potentially lifesaving health checks. New screening initiatives such as Healthy Heart Screens done outside of GP surgeries, without appointments, are really attractive to underserved communities and delivering at scale requires a new pathway with new technology to power it.”

Professor Julia Newton, NHS Medical Director, Health Innovation Network, North East and North Cumbria

“After testing, I now want to make changes to my lifestyle and lose weight to lower my BMI. I feel reassured about the results especially the cholesterol levels but I’m unhappy with my heart age. However, I’m happy to be aware of this so I can make some changes to my lifestyle and diet.”

Patient





> Hospital to Community

# Lenus

## Using digital tools in a deprived COPD patient population to improve outcomes

In the UK, approximately 3m people live with Chronic Obstructive Pulmonary Disease (COPD), with a further 2 million estimated to be undiagnosed. There are over 100,000 COPD-related hospital admissions, costing the NHS more than £675m annually. Moreover, deprivation in patients with COPD is associated with increased emergency healthcare use, healthcare costs, and mortality.

Hull has a high rate of social deprivation with the city ranking fifth in England for the index of multiple deprivation (IMD). The prevalence of COPD in Hull and East Yorkshire and the rate of emergency hospital admission for COPD are both nearly double the national average.

The SBRI Healthcare project enabled the implementation, economic and clinical evaluation of digital tools (Lenus Treat) on a supported self-management pathway for COPD throughout Hull University Teaching Hospitals NHS Trust (HUTH).

Interim results from the DYNAMIC-ROSE study found lower emergency

department attendance rates (32% vs. 50%) and hospital admission rates (16% vs. 31%) compared to historic controls. In addition, an independent early economic model was generated from the costs and benefits of the service, which found Lenus Treat both less costly and more effective than standard of care over the evaluated window, including evidencing in-year savings to be achievable even with a small patient cohort.

The compelling clinical and economic evidence generated from this innovative SBRI Healthcare project paves the way for transforming the delivery of COPD care through digitally supported self-management and shared decision-making and highlights the significant potential of digital tools to improve health outcomes in deprived COPD patient populations.

Patient and public involvement and engagement (PPIE) played a crucial role in the project, ensuring real-world relevance of study design especially in relation to equity in access across deprivation demographics.

### IMPACT

>Inclusion in NICE EVA draft assessment of Digital technologies to support self-management of COPD

>Leveraged further funding from Health Innovation Yorkshire and Humber and an ICB to extend the research into additional cohorts of patients

>Contracted to accommodate up to 1,000 patients in Hull, with additional sites now using the service. Business cases related to the service are currently being developed with the ICB

>Finalist for the Health Tech Awards "Best Health Tech Solution of the Year"

>Significant carbon emission savings are expected based on a reduction of general ward bed days per user per year - projections of 500 Lenus Treat users would result in 85,844 kg CO2e saved

>Prof Michael Crooks, lead investigator of DYNAMIC-ROSE, invited to present results at Respiratory Professional Care (Oct 24), BTS Winter Meeting (Nov 24) and Digital Health Rewired (Mar 25)

"One of the characteristics of COPD is periods of worsening symptoms, called exacerbations. COPD exacerbations are a common reason for hospital attendance, admission and negatively affect sufferers' quality of life. The DYNAMIC-ROSE study has provided early additional evidence, that builds on the work in Glasgow, that Lenus's digital service can help to reduce the frequency of COPD exacerbations that require hospital treatment and admission. This has great potential to maintain patients' wellbeing and also free-up valuable hospital resources."

Prof Michael Crooks, Respiratory Consultant, HUTH

"The service is brilliant; I've had a flare up this week and the response was fantastic and looks to have saved me from what could have become a lengthy illness because of the swift action from members of the team. I usually worry about what winter may bring but I'm a lot more confident knowing I've got the support of the team at a touch of a button."

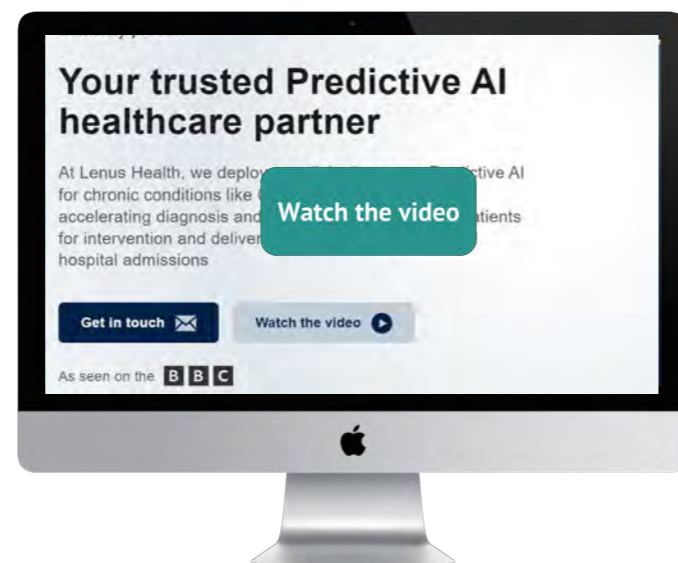
Patient

"If I need to reach out to a clinician, I know that the app is there and that I can do that. It gives you comfort and reassurance to know that it is there for you, and that you're going to get a response."

Patient

"Health Innovation Yorkshire & Humber has supported the governance of this project with a seat on the project steering group. Advice about further spread of Lenus' technology has been provided, and discussions with stakeholders to discuss the applications of the technology within primary care have been brokered. As the project nears its completion, there is a plan in place to share results of the project with regional stakeholders and Health Innovation Network colleagues, through the filming of a video case study, inclusion in our annual impact report, and the hosting of a webinar to share results."

Sophie Bates, Workstream Lead – Commercial Support and Economic Growth, Health Innovation Yorkshire & Humber





## > Hospital to Community



### Transforming community places into therapeutic spaces for Musculoskeletal (MSK) conditions and wider long-term health condition self-management through a combination of technology and training

SBRI Healthcare supported Good Boost to develop the technology (both A.I. software and the rugged tablet-computer hardware) to enable the delivery of personalised programmes of therapeutic exercise and education in swimming pools and gyms.

The challenge was the accessibility of therapeutic exercise programmes for people living with MSK conditions that were suitable, safe and adaptable to an individual's needs, ability and condition in a group class environment. The barriers for the delivery of these programmes included limited clinical skills and availability of clinical staff in community gyms and pools, and the cost of delivery of individually tailored programmes - often requiring a low ratio of participants to instructor.

SBRI Healthcare supported the development of group-based Good Boost programmes for people living with MSK conditions. The technology developed enabled mixed ability, mixed need, mixed condition participation, enabling classes of up to 20 participants to be active together. It also enabled large group classes to ensure the long-term sustainability of the programme due to their economic viability compared to 1-2-1 classes and classes of low ratio of participant to instructor.

Participants of Good Boost report a meaningful improvement in pain, physical function and quality of life, improving patient experience and health outcomes.

### IMPACT

- >Delivered in over 200 venues since starting the SBRI Healthcare programme
- >Working with 6 NHS Trusts to date, with many integrating their MSK pathway into Good Boost sessions in the community
- >Good Boost is both NHS Digital Technology Certified (DTAC) and ORCHA medical app certified
- >Evidenced to be effective for the improvement of pain, physical function, and overall quality of life
- >Won 12 industry awards, including the Royal Society of Public Health (RSPH) 'Community Impact' and 'Public Health Minister Award'
- >Partnerships with leading charities including Versus Arthritis and Arthritis Action



“I don't know what I would do without Good Boost - it's great, I've been coming for quite some time. I went to the Physio and they told me the pain in my hip - they couldn't do anything for me because it was due to the stroke. Good Boost is the best thing I could have done, it's helped me so much with my balance and stopped making me feel isolated.”

Good Boost Participant, Francis

“Some of the risks of not getting care include pain related disability, social isolation and psychological distress and a loss of work. Good Boost can be a channel for people to receive care because the wait for NHS services is often very long. Having a service like Good Boost that we can put into the community is a significant step towards reducing some of these health inequalities.”

Dr. Nicky Wilson, Consultant Physiotherapist



## > Hospital to Community



### Revolutionising patient-centred healthcare, reducing outpatient visits and hospitalisation by up to 80%

The patientMpower platform is a configurable, multi-pathway remote, clinical-grade monitoring solution to empower patient-centred care at home.

The patient facing solution enables home assessments of lung function, oxygen saturation, blood pressure, temperature, weight, PROMS, symptoms, medication use and step count. The clinician facing portal provides real time patient data, with streamlined clinical processes, patient tailored alerting, EMR integration and inbuilt spirometry quality validation.

With SBRI Healthcare funding, a randomised, prospective study of the health outcomes and health economic

impact of digitally-enabled hybrid versus clinic care is ongoing, focused on lung transplant at one of the five lung transplant centres in the UK.

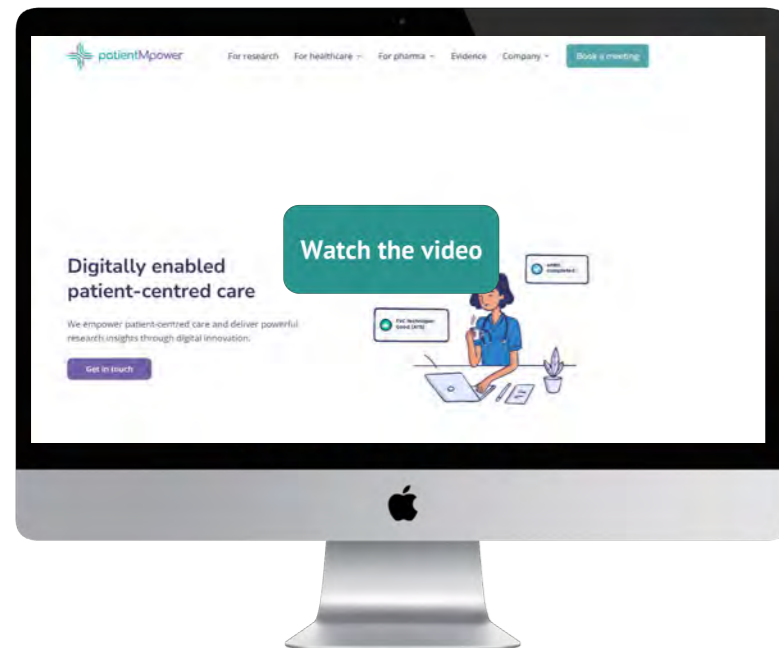
With lung transplant, patients require close monitoring with hospital check-ups every 3-4 months. This places a burden on patients, clinicians and services. patientMpower enables a "right-time, right place" approach to patients following lung transplant addressing the challenge of monitoring and management.

Case studies have shown use of the platform reduced clinic visits after lung transplant by up to 66%, whilst enabling rapid identification of potential complications.

Across other clinical areas, use of patientMpower has shown:

- >An 80% reduction in readmissions for heart failure (2)
- >A 70% reduction in clinic visits for renal transplant (3)
- >A 65% reduction in length of stay for cystic fibrosis (4)
- >60% of patients achieved clinically meaningful symptom improvement for COPD (5)
- >A 91% adherence to home monitoring in interstitial lung disease (6)

2. <https://www.gov.uk/government/publications/25977-improved-access-to-care-for-heart-failure-patients-in-midlands-regional-hospital-portlaoise/>  
 3. [http://www.beaumont.ie/media/NKTSV1.26\\_Annual\\_Report\\_20221.pdf](http://www.beaumont.ie/media/NKTSV1.26_Annual_Report_20221.pdf)  
 4. <https://patientmpower.com/virtual-care-for-cystic-fibrosis-experience-from-galway-university-hospital/>  
 5. [https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8100740/pdf/11845\\_2021\\_Article\\_2633.pdf](https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8100740/pdf/11845_2021_Article_2633.pdf)  
 6. <https://respiratory-research.biomedcentral.com/articles/10.1186/s12931-024-02787-1>



## IMPACT

>patientMpower currently supports patient-centred care for more than 13,000 patients for 12 condition types across 35 centres in 10 countries including Ireland, North America, the UK and across the EU

>New partnership with Erasmus MC European Centre for Excellence for Interstitial Lung Disease (ILD) and Sarcoidosis to use patientMpower as the technology partner for digital care of the complex lung disease ILD

>In November 2023, the 1 millionth spirometry manoeuvre was recorded using the patientMpower platform

>UKCA and CE marked, ORCHA certified, ISO 13485 certified, ISO 27001 certified

>Winner of the 'Indigenous SME - Most Innovative Product' category at the 2023 National HealthTech Innovation Awards



"We already had experience of using patientMpower's solution with our patients for the last 2-3 years. Feedback has been really encouraging however we lacked scientific data to show how it benefits patients. This SBRI Healthcare supported study will hopefully provide this information in a healthcare setting, using a randomised controlled trial format."

Principal Investigator, Dr John Blaikley, Honorary Consultant in Lung Transplantation, Manchester University NHS Foundation Trust



"patientMpower's platform provides AI-enabled feedback of home spirometry quality to our patients and the healthcare team. Our analyses have shown that good quality spirometry standards can be achieved with this approach."

High quality data is important. Home monitoring can help us identify possible complications quickly, but it's the quality of the data that gives the team the confidence to make clinical decisions accordingly."

Dr Caroline Patterson, Consultant Physician, Respiratory & Transplantation, Royal Papworth Hospital, and Dr Karl Sylvester, Consultant Healthcare Scientist, Cambridge University Hospitals



## > Hospital to Community



**A digital self-management support platform for all common MSK conditions and women's pelvic health**

Musculoskeletal (MSK) conditions and women's pelvic health have a massive impact on patients' lives, the NHS, the workplace and the economy.

getUBetter is an evidence-based, CE marked, digital self-management platform for all common MSK injuries and conditions as well as women's pelvic health. The platform currently supports 40% of the NHS in England. It is available across 17 integrated care systems (ICSs) to a total eligible population of over 20 million people.

getUBetter helps ICSs to support self-management across their entire care pathway. It provides standardised care that is configured to their local

population, clinical pathways and service needs. It helps patients to trust their recovery, effectively self-manage and utilise less healthcare resource. getUBetter enables patients to self-manage by following a recovery and prevention pathway defined by their local healthcare provider - safe self-management but navigation back to the health system when needed.

getUBetter pathways are made available to people wherever they connect with their local health system – in the community, primary or secondary care, e.g., GP practice, urgent care, pharmacy, or physiotherapy. It is suitable for 80% of all new, recurrent, or long-term

conditions, and can support people on waiting lists, on 'return to work', and for pain management and orthopaedic peri-op self-management. getUBetter has already demonstrated significant cost-benefits and value to the NHS and its patients.



### IMPACT

>Evidence shows that when using getUBetter an ICS can expect a 13% reduction in GP follow up appointments, a 50% reduction in prescribed medication for MSK, a 20% reduction in physiotherapy referrals, and >24% (24-66) less Urgent Care attendance. 50% of patients on a MSK physiotherapy waiting list no longer need their appointment and when they get there they require 40% fewer appointments and 11% less Sick Notes, helping people back to work and to Work Well

>In 17 ICSs to support MSK self-management across their entire care pathway. This includes 80% of London and over 200 GP practices  
 >Approved by NICE for use in the NHS for non-specific low back pain  
 >getUBetter and NHS SWL ICB were awarded the HSJ HealthTech Partnership of the Year 2023

>Demonstrated a ROI of >1:4 and significant system benefits  
 >Highest scoring MSK app on the ORCHA app library (91%)

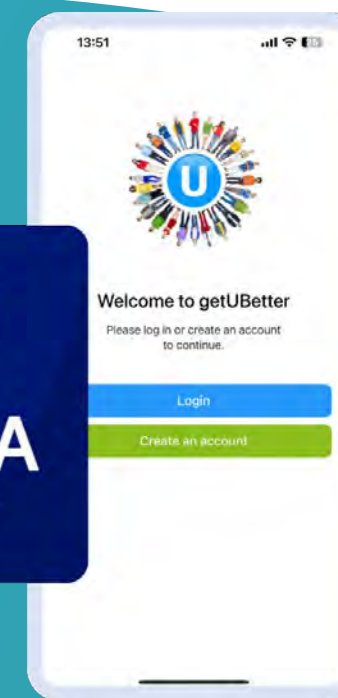
**"We have been working with the Health Innovation Network from the beginning of an idea through to scaling into 40% of the NHS. It has also provided a forum for support for adoption and to demonstrate our innovation both locally, regionally and nationally."**  
 Dr Carey McClellan, CEO and Founder, getUBetter



**"I used this app after a knee injury. It helped me get better faster, and with more confidence. Very easy to use. Lots of helpful advice given in a really simple way so it's easy to follow. Very helpful to see the exercises being done so it is easy to copy them and remember what the important things are!"**  
 Patient

**"We've been working in a collaborative partnership with getUBetter to co-produce digital self-management support for patients across South West London ICB. Both clinicians and patients value this service. It provides 24/7 access to support, reducing the need to travel to appointments and only navigating them to the correct service if needed."**  
 Jayne Thorpe, Deputy Director for Innovation and Transformation, South West London

**"I am constantly seeking innovative solutions that enhance patient care and promote self-management. getUBetter empowers patients to trust their recovery and take an active role in self-management. The whole pathway approach can be locally configured to suit the target population enhancing their engagement and overall experience."**  
 Jack Grodon, Clinical Specialist Physiotherapist, South East London, Guy's and St Thomas' NHS Foundation Trust



## > Analogue to Digital



### Automated Call / Recall – Delivering population scale proactive monitoring, prioritisation and clinical productivity in primary care

Patients with chronic disease, who account for 90% of healthcare costs, require regular and proactive monitoring to ensure safe primary and secondary prevention. Abtrace has developed and clinically validated an NHS Digital approved, UKCA marked, fully integrated intelligent automation software platform which has been rolled out in practices across England. The platform eliminates unnecessary duplication of workload and improves coverage of the care patients should receive in disease prevention, particularly for Cardiovascular Disease – making sure more people get the right care whilst reducing workload and proactively targeting health inequalities.

Within one year of implementing Abtrace, an ICS covering 1.2m patients would potentially improve 57,000 high risk patients' blood pressure control by

automating patient monitoring and management. A further 120,000 patients with undiagnosed hypertension could be identified and this translated into savings in excess of £45 million.

An automated recall feature has been launched which instantly identifies and contacts patients who are due monitoring, inviting them to use a self-booking link to arrange a relevant appointment. At one practice, 80% of patients due blood pressure monitoring had an updated reading in just four weeks after enabling the automated recall feature. This has freed up time for practices by eliminating the need for manual recall processes and allowed them to redirect their focus to direct clinical care.

The tool also includes real-time population-level recall dashboards, allowing users to instantly evaluate the monitoring status for each patient in a single view. Automatically prioritising the patients most in need, enables clinicians to direct their time to underserved patients and tackle inequalities at population-scale. Wider-scale analytics dashboards enable practices to track their performance against key cardiovascular disease-related targets, enabling teams to manage and plan their workforce capacity.

"Staff are raving about Abtrace, just a fantastic addition. Our HCAs and pharmacists are making a huge difference to patient care with it. It really is a massive game changer due to the visual presentation, data recording and also the population tool for our LTC manager."

GP Partner



## IMPACT

>Live across 250+ practices in 30 ICBs, and Abtrace's searches monitor over 3m patients every day

>Ranked as one of the World's Best Digital Health Companies (2024) by Newsweek and Statista R, and recognised as the Company with Significant Growth (2024) by the Digital Health London Accelerator

>Estimated savings of 160t of CO2 emissions per year through streamlining the monitoring and recall process; resulting in savings in clinical equipment and reduced duplication of appointments

>UKCA CE Mark and NHS Digital approved

>Supported by UCLPartners, Innovate UK, UKRI, NIHR, EIT Health, and the Digital Health London Accelerator

>ISO27001, GDPR, NHS DS&P toolkit, Cyber Essentials Plus, DTAC certified

The screenshot displays the Abtrace software interface. At the top, there are tabs for 'Patient', 'Population', and 'Optimisation'. Below these are filter dropdowns for Medication (Azathioprine), Task Type, and Renal Profile. A table lists patient records with columns for NHS Number, Age, Status (Overdue, Up-to-date), Days Overdue, and Most Overdue Task Details. A 'Biometrics' sidebar shows Blood Pressure (111/71 kg), Weight (kg), and Body Mass Index (kg/m²). A 'Details' sidebar shows a recommendation to 'Perform action today' with a due date of 04-Oct-2021 and indications for ACE-I/ARBs. A 'Manage Filters' sidebar allows filtering by Days Overdue, Birth Month, Age, and GP Name.



## > Analogue to Digital

Tiny  
Medical  
Apps.



Digital  
Health  
Passport

### Digital Health Passport: Empowering young people to self-manage asthma - reducing inequalities and improving outcomes

The Digital Health Passport (DHP) for Asthma, developed by Tiny Medical Apps, helps address the critical issue of the UK having the highest asthma mortality rate in Europe for 10-24 year olds. The DHP provides a comprehensive, user-friendly digital platform that empowers young people to better manage their condition.

The DHP integrates personalised asthma plans, medication reminders, symptom tracking, and educational content into a single smartphone app. Its innovative approach includes social media-driven user engagement, particularly effective on platforms like TikTok, reaching young people who may not regularly engage with traditional NHS services.

The SBRI Healthcare-funded MYPASS project demonstrated significant impact across 10 NHS regions, with over 5,000 young people adopting the app. The DHP has been independently evaluated by UCLPartners and key achievements include statistically significant improvements in asthma control and patient activation, and health economic modeling predicting a £9.28 return on investment for every £1 spent over three years.

Importantly, the DHP has successfully engaged users from deprived areas and diverse ethnic backgrounds, addressing health inequalities in asthma care. The app's design considers accessibility needs, including offline functionality to mitigate data poverty.

By improving self-management, the DHP has the potential to reduce emergency care use, enhance quality of life, and ultimately contribute to lowering asthma mortality rates among young people in the UK. Its success has led to further developments, including adaptations for epilepsy and sickle cell disease, showcasing its potential to transform chronic condition management for young people across the NHS.

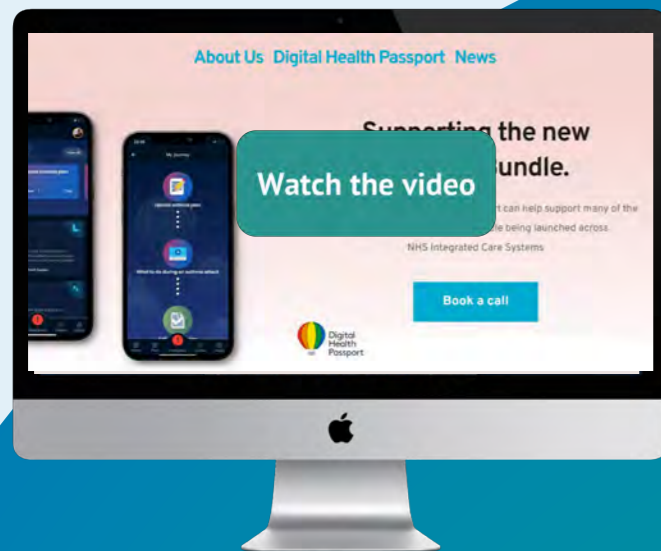


"The medication reminders have been a game-changer. My child is much better at taking their inhaler regularly now."

Parent

## IMPACT

- >Implemented across 10 NHS Integrated Care Board regions
- >Over 5,000 registered users, with 52% from the two most deprived IMD quintiles
- >Three ICBs have independently funded the service beyond the SBRI Healthcare project period
- >Statistically significant improvements in Asthma Control Test scores and patient activation measures
- >Expansion into epilepsy and sickle cell disease management underway
- >DTAC approved, ISO 27001 certified, and Cyber Essentials + certified



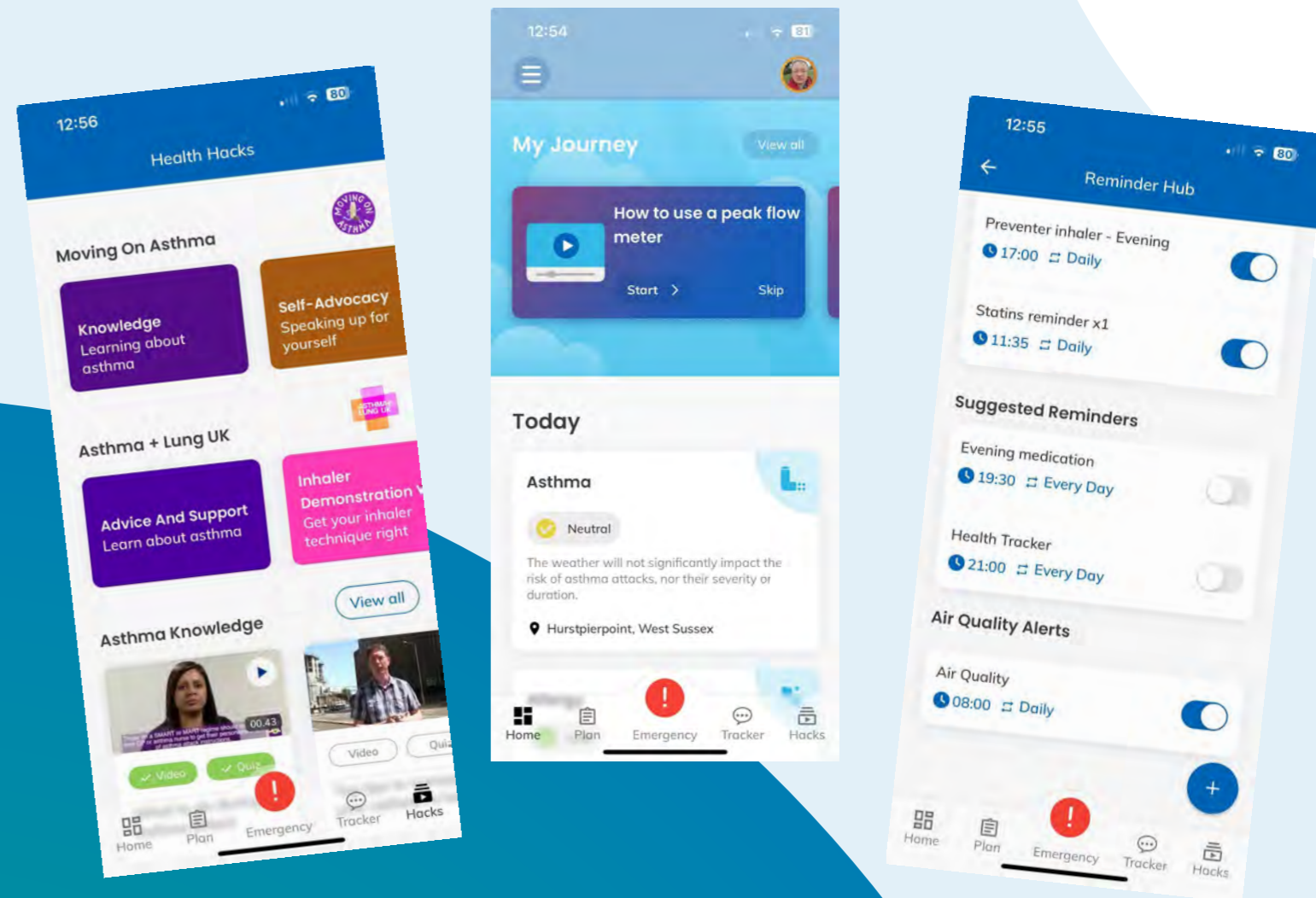
"The Digital Health Passport has helped me to better support patients to be better at self-managing their long term conditions. It provides 'everything in one place' for patients, from health coaching support to longer term trigger avoidance, and assists with communication in both directions with care plans and symptom diaries."

Clinician



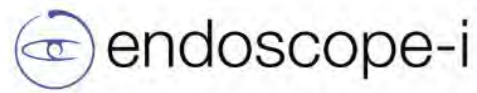
"I feel more confident about managing my asthma. The app helps me know when to seek help if my symptoms are getting worse."

Patient





## > Analogue to Digital



### Streamlining and increasing the efficiency of the Ear, Nose and Throat (ENT) Head and Neck urgent suspected cancer referral pathway

Endoscope-i has an evidence based, proven pathway to streamline the existing head and neck ENT urgent suspected cancer referral pathway.

Its new Rapid Stack Digital technology provides improved high definition digital images to support early diagnosis of even the most subtle lesions, and image enhancing technologies can detect cancer signs not visible under normal white light.

No new endoscopes need to be purchased and the technology incorporates into existing NHS Telescopic pathways and uses existing hospital infrastructure.

Endoscope-i is currently the only cloud based secured mobile endoscopic platform for Head and Neck endoscopy in the UK.

#### IMPACT

- > CE marked, cyber essentials, ISB 0129, DTAC
- > Listed as an ideal urgent suspected cancer referral Head and Neck pathway in the 2023 Getting it Right First Time (GIRFT) report
- > Over 5000 endoscope-i adapters have been sold around the world
- > In use in University Hospitals of North Midlands, Dorchester County Hospital, and University Hospitals Birmingham
- > 0% of head and neck cancers missed by Telescopic reporting
- > 1% cancer pickup in a LOW RISK group who would have otherwise been discharged or delayed. The solution with enhanced imaging can now be used for both HIGH and LOW RISK patients
- >Fast results: Patient reporting within 23 hours of having the endoscopy
- >High satisfaction of outcome: Only 2.7% of patients were re-referred back into the system within a two year follow up period
- >Efficient service: 84% of patients reassured and discharged on first appointment
- >Telescopic service contract extended at University Hospitals of North Midlands due to the HIGH impact on urgent suspected cancer referral service results
- >Reduction of the number of consultants needed to manage the urgent suspected cancer referral service from 10 to 3
- >Increased use of remote working has improved staff wellbeing and time management



“From the patient point of view, it means that they’re more likely to get a scope and that reassurance quicker.”

ENT Surgeon, RSUH

“Thank you for reviewing my endoscopy so quickly, I am incredibly thankful and relieved the results have found nothing to worry about. I must say I’m thoroughly impressed with the way this has all been handled, the AP was very professional and reassuring.”

Patient





