



Introducing the Digital Health Passport for Epilepsy

Smarter accessible epilepsy support
for children, young people & carers

TinyMedicalApps.

THE DIGITAL HEALTH PASSPORT FOR EPILEPSY IS COMING SOON

We're delighted to announce new SBRI funding and a partnership with the Young Epilepsy Charity to expand the reach of the Digital Health Passport.

Following the successful launch of the 'Digital Health Passport for Asthma' across ten Integrated Care Boards, the team is now working to develop support for people with epilepsy and learning disabilities. The product will be first launched in Greater Manchester and be available to commission from the summer.

- Epilepsy can be a frightening and isolating experience, especially for children.
- 70% of epilepsy patients can lead seizure-free lives with proper treatment.
- The condition accounts for 40% of emergency admissions among those with learning disabilities.

The new digital service could transform the lives of thousands of young epilepsy sufferers and their families across the UK.

- Around 1,000 people die from causes related to epilepsy each year in the UK.
- More than 100,000 children and young people have epilepsy in the UK (aged 0-24) - equivalent to 1 in 200 children and young people.
- 40% of children with epilepsy have a learning disability.

CO-DESIGN PARTNERS

- NIHR HealthTech Research Centre in Paediatrics and Child Health
- Caribbean and African Health Network
- Young Epilepsy Charity
- DHP for Epilepsy Clinical Expert Group



The new version of the Digital Health Passport will support families before, during and after an epilepsy diagnosis. This builds upon seven years of work developing the Digital Health Passport for asthma and allergies. The DHP is in use in ten ICB regions and has an ORCHA rating of 88%. It can be commissioned via Government and NHS frameworks.

The digital service is designed to empower patients and clinicians alike. It will include evidence-based features such as medication reordering, reminders and tracking to improve adherence; symptom and seizure tracking for clinical insights, and trigger avoidance tools (e.g. sleep support, hot weather alerts, period tracking) to reduce seizures.

With resources already developed by Young Epilepsy, we will deliver high quality digital health coaching and improve skills, knowledge and confidence to communicate with healthcare professionals.

It will build on Young Epilepsy's existing work with the Patient Knows Best system, ensuring clinicians can access and act on patient data, and that patients and their carers have access to up-to-date care plans. Patient recorded data will be in standard formats to assist large scale research projects.



"We're thrilled that our joint funding proposal with Tiny Medical Apps to develop the Digital Health Passport was successful. Young people and their families have expressed to us how transformative this tool will be, providing them with seamless access to their health data when they need it most. We believe the Digital Health Passport can improve the lives of children and young people by enabling them to navigate their healthcare journey with greater ease and self-confidence."

Mark Devlin, Chief Executive, Young Epilepsy



The DHP has an ORCHA rating of 88%.

THE SERVICE DELIVERY IS NOVEL AND EFFECTIVE

To accelerate implementation and embed the service we deliver:

- Staff training
- Highly targeted social media
- NHS communications support

CPD accredited staff training. Training of practitioners in “Digital Tools to support self-management” bespoke online course is associated with an increased onboarding of higher risk patients to the service (data from Lancashire and South Cumbria most deprived quintiles).

Social media. High quality and engaging social media is the most cost effective way to reach teenagers from underserved populations. TikTok is where young people are - so we go to them. We have shown that there is a demand for smart, engaging, trusted self-management support for long-term conditions.

Campaign strategies and physical media assets - first-aid posters for schools, display banners for public areas and stickers for pharmacies promoting the digital service. Assisting NHS communications teams has a slower impact than TikTok. However, messaging at multiple touch points will steadily increase engagement over the longer term. It should be started early and broad enough to engage both patients and staff.

Asthma and Epilepsy are national and regional Core20PLUS5 priorities to reduce health inequalities in young people.



Nearly 1 million views of the Digital Health Passport TikTok pages supporting self-management, in the last 3 months.



“Using established peer support networks and charity helplines, we can connect people to the right care at the right time and relieve pressure on frontline services.”

Dr Greg Burch, Specialty Doctor in Emergency Medicine, Clinical Director Digital Health Passport, Joint CEO Tiny Medical Apps.

RELATED PROJECTS

The SBRI funded DHP for epilepsy project includes designing a digital interface for people with mild to moderate learning disabilities or autism to improve communication with healthcare professionals. The integration of wearables and benefits of AI language model support will be explored. The SBRI Accelerated Access Collaborative has also funded the Patient Led Asthma Inhaler Net zero Initiative (PLAIN-I). This Digital Health Passport upgrade will empower patients to make environmentally responsible changes to their inhaler when safe to do so. It will also be able to measure carbon saving through prescribing changes instigated by patients or carers and report by region.



“The collaboration between CAHN, Tiny Medical Apps and Young Epilepsy is a testament to the power of partnerships. We believe that the Digital Health Passport for epilepsy will revolutionise the way individuals manage their health, fostering inclusivity and accessibility for all.”

Rev. Charles Kwaku-Odoi
Chief Executive, Caribbean and African Health Network



“This groundbreaking technology has the potential to transform the lives of children and young people with epilepsy, as well as those with mild to moderate learning disabilities, by providing them with smarter, more accessible support. We are proud to continue our partnership with TMA by being a part of this exciting project and look forward to seeing the positive impact it will have on the lives of children and young people.”

Nathaniel Mills
Programme Manager, NIHR
HealthTech Research Centre in
Paediatrics and Child Health



If you would like more information about bringing the service to your region, please get in touch.

hello@tinymedicalapps.com

Get in touch



digitalhealthpassport.co

TinyMedicalApps.

tinymedicalapps.com

hello@tinymedicalapps.com



In partnership with

