



Mayden is awarded SBRI Healthcare funding to transform the patient pathway from referral to treatment for mental health services

Bath-based software house, [Mayden](#) has been awarded funding from the Small Business Research Initiative for Healthcare ([SBRI Healthcare](#)) to work toward the digital transformation of the referral to treatment patient pathway for mental health services.

Currently, ten percent of the country's population is thought to be suffering from a mental health condition which would benefit from psychological therapy, whilst IAPT (Improving Access to Psychological Therapies) services have the capacity to meet just nineteen percent of that demand. For every 1000 patients referred to IAPT, approximately 500 complete a course of treatment with around 250 reaching recovery.

This project will digitise and streamline each stage of the patient journey, from the point of referral to the start of treatment - including triage and assessment processes. The project seeks to help reduce waiting times and enable patients to organise their own appointments. This would improve patient experience, reduce admin, enable faster recovery and increase the number of patients that can be seen.

By standardising assessment processes - in combination with clinical input, historical data analysis and NICE treatment guidelines - the project also aims to generate personalised treatment insights through the use of data-driven technologies.

Therapists will be signposted to treatment options that have been effective for patients with similar profiles and can consider those options with the patient, establishing together the best next steps for the patient to take along the care pathway.

Mayden is exploring the use of predictive modelling to identify whether it is possible to predict patterns of patient engagement. If this is found to be the case, modules could be built to suggest actions that clinicians can take to engage those patients that are at risk of dropping out - such as direct messaging.

Mayden is the company behind [iaptus](#), the market leading psychological therapy patient management system which is trusted by 70% of England's Improving Access to Psychological Therapies (IAPT) services.

Mayden's work in the first phase of this project demonstrated the feasibility of the work and resulted in a prototype machine learning algorithm. The work to date has generated national clinical interest in standardising the assessment process.

The team looks forward to working closely with services and clinicians to carry out further research into the potential applications of machine learning in mental health.

Chris May, founder and Managing Director at Mayden, commented: "We're really excited about this project as it has the potential to transform how patients receive treatment that gives them the best chance of recovery. The NHS Long Term Plan has committed to expanding IAPT provision from around 1 million in 2018 to almost 2 million patients seen each year by 2024. To achieve this efficiently, system-level change is required. We have a remarkable opportunity to work closely with clinicians to bring about a complete digital transformation of the referral to treatment pathway, leading to improved outcomes for patients."

For more information please contact Philippa Kindon, philippa.kindon@mayden.co.uk

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About Mayden

Mayden is a Bath-based software house driven by a mission to create digital technology that changes what's possible for clinicians and patients. It's our privilege to support services, clinicians and patients as we move healthcare forward together. Mayden is the company behind [iaptus](#), the market leading psychological therapy patient management system which is trusted by 70% of England's Improving Access to Psychological Therapies (IAPT) services.

www.mayden.co.uk

www.iaptus.co.uk

About SBRI Healthcare

SBRI (Small Business Research Initiative) Healthcare is an NHS England funded programme that provides funding and support to innovative companies to solve healthcare problems. The SBRI Healthcare team works closely with clinicians and frontline NHS staff to identify key challenges from within the service, focussing on specific areas recognised as priority by NHS England and the 15 Academic Health Science Networks (AHSN). The programme aims to improve patient care, increase efficiency in the NHS, and support the UK economy by helping smaller companies grow.

Since launching in 2009, £90 million has been awarded to over 200 companies developing solutions for major NHS challenges such as cancer detection, dementia care, mental health and self-management of long-term conditions. The programme currently has over 50 companies under contract with over 2000 applications received, and a pipeline independently evaluated to deliver cumulative cost savings to the NHS of £350M to £480M by 2022.

www.sbrihealthcare.co.uk

About Academic Health Science Networks

There are 15 AHSNs across England. They connect academics, NHS, researchers and industry to accelerate the process of innovation and facilitate the adoption and spread of innovative ideas and technologies across large populations. They are driven by two imperatives: improving health and generating economic growth in their regions. SBRI Healthcare competitions are designed, supported and promoted in partnership with the AHSNs.

www.ahsnnetwork.com