



Intelligence For Your Health

Whyze Health, a digital health start-up, pioneers a Real World Evidence platform. With a focus on personalised healthcare and research, the Whyze Health Platforms ensures the “right” treatment reaches the “right” patient at the “right” time. Physicians and patients receive treatment and research recommendations through robust AI-driven data analysis. Using patients’ health data and test results, the WHYZE Health Platform helps guide physicians on the treatment options that best meet their patient’s needs. The WHYZE Health Platform also tracks the patient’s progress and collects relevant Real World Evidence (RWE) health data throughout the entire cycle of the patient’s care, including follow-up. Their mission is to deliver better value in healthcare and research. Moving away from the predominant ‘one-size-fits-all’ and shifting health systems from being treatment-centred to being comprehensively patient-centred to enhance outcomes in chronic disease management. The Whyze Health pilot study is part of the Health Innovation Hub Ireland Open Call 2022. Co-founders CEO Frances Abeton and CMO Prof Frank Sullivan founded WHYZE Health in 2021, together with Chief Technology Officer Phil Blackwell bringing decades of leadership, health & research, technology, and extensive data expertise.

About Health Innovation Hub Ireland

Health Innovation Hub Ireland (HIHI) was established by the Department of Business, Enterprise and Innovation and the Department of Health and is supported by Enterprise Ireland (EI) and the Health Service Executive (HSE) to drive collaboration between the health service and enterprise. We offer companies the opportunity for pilot and clinical evaluation studies and we provide the health service access to innovative products, services and devices that they may not otherwise be exposed to.

HIHI is built on the recognition that collaboration with enterprise can benefit patient care, patient pathways

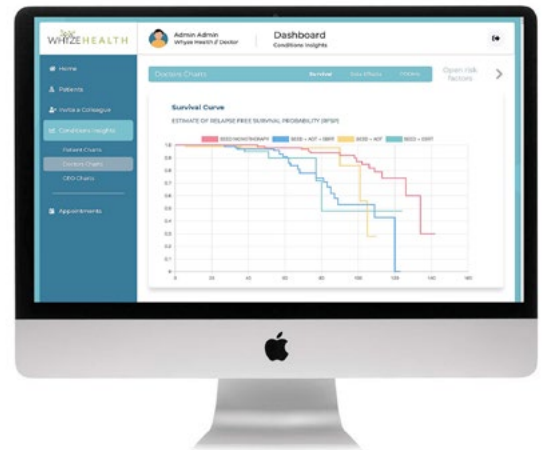
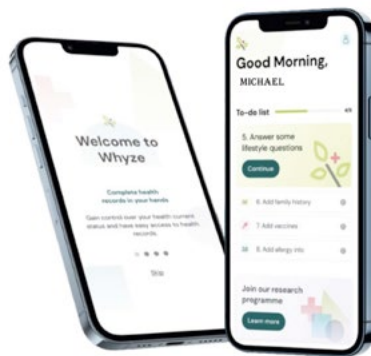
and outcomes. We assess all concepts for healthcare innovation from those on the frontline – from clinician to porter. We encourage healthcare professionals to get in touch with HIHI if they have an idea or solution to how something in your job might work better.



The Healthcare Challenge

Every day millions of patients with chronic diseases receive treatments chosen by clinicians from the options available, but not all patients experience the same outcome. It has been reported that the United States spends over half a trillion dollars per year in additional costs because chronic disease patients are being prescribed incorrect interventions and treatments. Using routinely collected Real World Evidence (RWE) from patients can aid in gaining clinically

rich insights into what happens in everyday practice and why it can be used to tailor therapy to individual needs. Currently, RWE is not utilised as a means of prescribing tailored therapy to individuals. A system must be made available for patients to access their medical records and share them with approved medical professionals. Additionally, clinicians currently rely on patients to seek out clinical trials themselves.



The Healthcare Solution

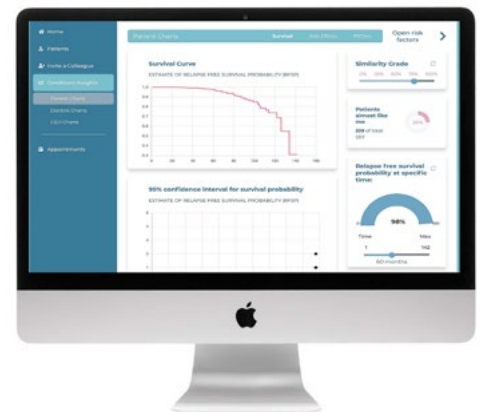
The Whyze Health Platform using real-world evidence, aids the delivery of informed prostate cancer treatment plans for patients. In Ireland, about 3,940 men are diagnosed with prostate cancer each year. Using patients' health data, test results, and Patient Reported Outcomes (PROMs), the WHYZE Health Platform aids physicians in selecting the treatment options that best meet their patient's needs, driving better health outcomes for patients. The WHYZE Health Platform tracks the patient's progress and collects relevant Real World Evidence (RWE) health data throughout the entire health cycle of the patient's treatment plan, including follow-ups. The platform offers an intuitive, easy-to-use tool that gives patients more control over their care, factoring in individual risk factors and desired outcomes for each patient. The platform tracks patient progress and empowers patients to choose the health options that drive better health outcomes for each patient. Healthcare providers can share healthcare data with patients and allow online scheduling of upcoming appointments. The Whyze Health platforms drive a patient-centred transition to healthcare by directly bringing health and research

opportunities to healthcare providers and patients, advancing global awareness of clinical trials, and enabling better health outcomes. Physicians use WHYZE Health data to streamline their care, reduce diagnostic timelines, and improve patient outcomes.



HIHI Role

Feedback from patients and healthcare professionals was crucial to demonstrate the value of the Whyze Health platform. HIHI facilitated the pilot study in the Blackrock Health Galway Clinic. HIHI assisted with ethics submissions and the development of surveys and supporting documents necessary for the Blackrock Health Galway Clinic pilot study. HIHI provided project management expertise throughout the project and facilitated regular update meetings during the pilot to track progress and outcomes and address any issues or feedback. Upon completion of the pilot study, HIHI reviewed the study data and completed a final Project Report for use in further platform developments.



Outcome Report

Feedback obtained from the participants throughout this study has highlighted that a platform such as the Whyze Health platform would allow patients to feel more informed and significantly less anxious about their long-term health outcomes if their Doctor used the platform with them when choosing a suitable treatment, they would find it easier to evaluate their choices for successful treatment, and they would be willing to share their anonymised health data with other patients and the research community. Participants also noted the importance of being able to provide feedback on how they are responding to their treatment and having access to their medical records to help them to make better health decisions. 9 out of every 10 participants noted they would recommend the Whyze Health platform to a friend or colleague. Allowing patients to be active in their own treatment and healthcare planning while gathering essential data to help future patients may help to deliver effective care, reduce diagnostic timelines and improve patient outcomes.

Testimonial

"Whyze Health is enormously grateful to HIHI for their support in our first Case Study of our platform. Having a trusted research partner along with us was a great help in patient recruitment to our study and allowed our patients to feel part of something potentially important, not only to them but to other Irishmen suffering from prostate cancer. 'Hats off' to HIHI for their help here!"

Professor Frank Sullivan CTO and co-Founder, Whyze Health; Medical Director Radiation Oncology Blackrock Health, Galway Clinic



info@hih.ie
www.hih.ie

HIHI (UCC)
Western Gateway Building
University College Cork
Cork, Ireland
+353 (0)21 420 5560

HIHI (TCD)
H&H Building
St James' Hospital
Dublin 8, Ireland
+353 (0)1 896 2573

HIHI (University of Galway)
Lambe Institute
National University of Ireland
Galway, Ireland
+353 (0)91 492 072

HIHI (MTU)
CREATE Building
Munster Technological University
Cork, Ireland
+353 (0)21 432 6758