



Isaac Care is a digital health solution developed by MyHomecare, part of Servisource Workforce Solutions and the CPL Group. Their mission is to create a new model of healthcare for the community setting, which places the focus on early interventions leading to better health outcomes. This innovative model of proactive and preventative healthcare supports their clients to remain in the comfort of their own home, whilst enjoying the reassurance, care, and support provided. Isaac Care was a winner of the HIHI Open Call 2022.

Isaac Care offers a blended care model combining assistive remote technology with in-person care to support older adults living independently at home. Isaac Care's suite includes a Circle of Care app, fall alarm pendants, ambient sensors, health monitoring equipment, and 24/7 support services.



Declan Murphy, CEO

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.



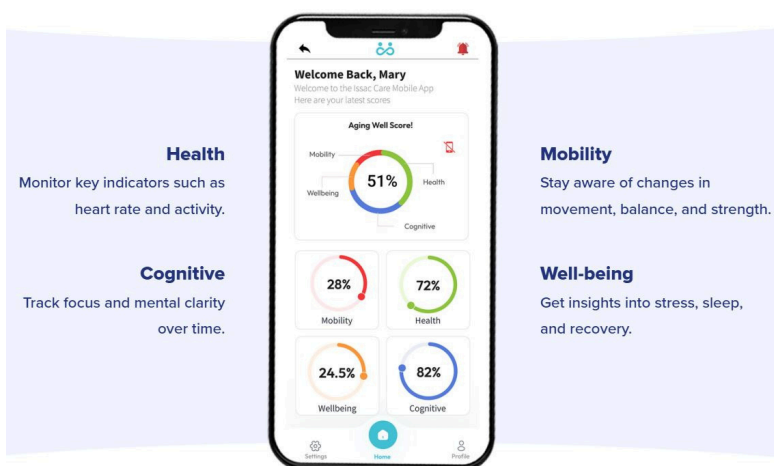
The Healthcare Challenge

Ireland's ageing population presents a growing challenge for the healthcare system. Older adults account for a disproportionate use of inpatient beds and emergency services. Many live with frailty, cognitive impairment, or chronic

conditions, and over 5,000 people are currently waiting for homecare. There is a strategic need to support ageing in place through integrated, community-based care models.



The Healthcare Solution



Isaac Care's technology provides remote monitoring and rapid response capabilities to support older adults at home.

The solution includes:

- Fall detection pendants with GPS and two-way communication
- Health monitoring devices (e.g., blood pressure monitors, pulse oximeters)
- Ambient sensors for activity tracking
- A Circle of Care app for real-time updates and alerts
- 24/7 emergency response and clinical support

This model enables early detection of health issues, reduces hospital admissions, and empowers patients and carers with real-time data and reassurance.

HIHI Role

HIHI facilitated the pilot study in collaboration with University Hospital Galway and ICPOP teams.

HIHI's role included:

1. Project Preparation & Management
2. Securing ethical approval and conducting a DPIA
3. Coordinating participant recruitment and onboarding
4. Conducting stakeholders feedback meetings
5. Collecting and analysing data from care recipients, carers, and clinicians.



Outcome Report

- Participants: 30 care recipients enrolled; 24 actively used the technology.
- Retention: 6 participants (25%) continued using the fall alarm post-study.
- Positive Impacts:
 - Increased feelings of safety and independence among care recipients.
 - Reduced stress and improved reassurance for carers.
 - Clinicians reported better patient monitoring and potential for reduced unscheduled care.
- Challenges Identified:
 - Variable engagement, especially among those with cognitive impairments.
 - Some usability issues with the device (pendant size or weight).
 - Need for ongoing training and support for users and carers.
- Feedback and Adaptation:
 - Insights from the pilot informed the evolution of Isaac Care into the Isaac AgeWell platform, broadening its focus to support independent living, proactive wellbeing, and engagement across all stages of ageing.
 - User feedback is shaping ongoing design improvements to enhance usability, accessibility, and overall user experience.

Testimonial

"Isaac Care are delighted with how this project has been delivered in conjunction with the Health Innovation Hub Ireland."

The results and learnings have made a real impact on our business, our clients, and those who participated in the project.

The support we received from University Hospital Galway & Health Innovation Hub Ireland has been invaluable and this project has shaped the direction Isaac Care will take to refine our solutions and help people to age well."

Denis Weir,
Senior Manager, Isaac Care



HIHI (UCC) - HQ
Western Gateway Building
University College Cork
info@hih.ie
+353 (0)21 420 5560

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

HIHI (UoG)
Lambe Institute
University of Galway
Galway
+353 (0)91 492 072

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

HIHI (MMUH)
The Pillar Centre
Mater Misericordiae
University Hospital, Dublin
+353 (0)1 854 5181