A GEORGE INSTITUTE
FACTSHEET



IMPACT: Innovations using Mhealth for People with dementiA and Co-morbidiTies

Oct 2026

The George Institute for Global Health

FACTS:

- Around 60% of people living with dementia worldwide live in low- and middle-income countries, where health systems often have limited capacity to provide support.
- Latin America is projected to experience one of the largest increases in dementia prevalence globally, with more than 27 million expected to be living with dementia by 2050.
- People with dementia have twice as many co-morbidities as those without dementia, many of which are treatable but poorly managed.

PROJECT CYCLE:
2022 – 2027

PARTNERS:
Universidad Peruana Cayetano Heredia
Cardiff University
University of Edinburgh
University of Oxford
University of Sydney

SUPPORTERS:
National Institute for Health and Care Research

PRINCIPAL INVESTIGATOR:
Christopher Butler

BACKGROUND:

- Dementia is a growing public health challenge, yet many health systems in low- and middle-income countries are not equipped to provide timely, high-quality diagnosis, treatment and ongoing support.
- People living with dementia and their carers often face fragmented care, delayed diagnosis and limited access to coordinated services, increasing the burden on families and health systems.
- Sustainable, person-centred approaches are needed to strengthen health systems and improve equitable access to care for people with dementia and co-morbidities, particularly in resource-constrained settings.

AIM:

- To generate evidence-based recommendations and scalable solutions that strengthen care for dementia and co-morbidities, improve access to services and better support outcomes for people living with dementia and their families in Peru with potential for adaptation across Latin America.

METHODS:

- The program combines health systems research, digital innovation and implementation science to develop and evaluate scalable approaches to improving dementia care.
- Research spans community, primary and specialist care, using a large population-based cohort to evaluate dementia detection, care pathways and health outcomes across Peru.
- Mhealth tools are co-designed and used to support improved identification, management and coordination of care for people living with dementia and co-morbidities, which can be adapted across different contexts.

IMPACT

- The project has supported the development of Peru's National Dementia Plan and will provide evidence to guide implementation, improve dementia services and strengthen health system responses.
- Findings will inform scalable, evidence-based approaches to timely diagnosis, coordinated care and management of co-morbidities, with relevance for Peru and other low- and middle-income countries.

CONTACT:

To learn about this project, its investigators or The George Institute please contact:

Tina Wall +61 410 411 983 OR
twall@georgeinstitute.org.au

THE GEORGE INSTITUTE FOR GLOBAL HEALTH:

We believe everyone has the right to a healthy life. The George Institute finds solutions to some of the world's biggest health problems, through high-quality, evidence-based research. By utilising our global footprint and local insights, our research findings can deliver real impact, particularly to those facing the most challenges, and we continue to advance our vision of global health equity.