

Centre for Digital Innovations in Health & Social Care



Vision

To be a multidisciplinary centre of excellence, undertaking high quality, co-created applied research that:

- Informs the design and implementation of new technologies in national and international health and care systems; and
- Explores the impact of such technologies on patients, service users, carers, and health and social care professionals.

We will pursue two research programmes, DocuLess and REDUCTIFY:



DocuLess

Motivation: We are moving to a paperless health and care system but electronic records can place additional burden on staff, leading to new risks in workflows and harm to patients and service users.

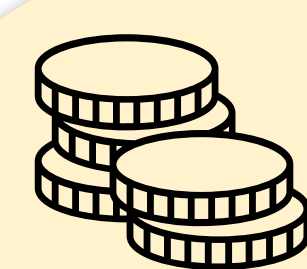
We will: Create and assess novel technologies which disrupt current practices to improve decision-making and alleviate electronic documentation burden



REDUCTIFY

Motivation: The health system is responsible for ~4% of carbon emissions; technology is seen as a means of reducing this. There is a risk that this could increase digital and health inequalities.

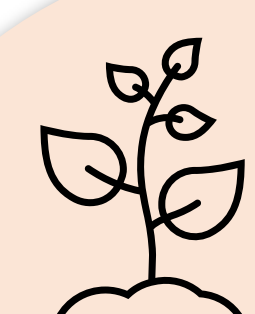
We will: Develop and evaluate technologies that reduce the health and care system's carbon footprint, e.g., preventative and home-based care, identifying who they benefit and in what circumstances.



Becoming sustainable

Alongside our research we will deliver:

- **Education:** Developing an MSc Digital Innovation in Health & Care and apprenticeship in Health Data Science
- **CPD:** For health and social care staff and those working in digital health companies
- **Contract research and knowledge transfer partnerships:** Supporting digital health companies with design and evaluation



Growing the Centre

We have recruited: 2 Senior Research Fellows, Translational Research Fellow, Information Specialist, Business & Partnerships Manager, Centre Coordinator

We will recruit: Associate Professors in Health Economics and Data Visualisation, Software Engineer, Research Fellow, Administrative Support Assistant
We will also recruit 9 **PhD students**