

## CFHealthHub Delivers **Smarter Care, Stronger Learning Systems** and **Swifter Value Creation**

### Vision

**Optimizing long-term care to sustainably reduce the impact on the health system of preventable unplanned care and wasted spending on high-cost drugs**, thereby increasing quality of care, contributing to better health outcomes and reducing the cost of healthcare in the U.K.

### Outcome

The NHS sustainably shifts long-term care from expensive, hospital-based reactive care to **affordable community-based prevention**. This **reduces waste** across the whole system and **maximizes U.K. international influence** in multi-modality, multi-morbid conditions critical to value-based healthcare.

### Top messages

**Patients say CFHH keeps them safe** as its high-definition healthcare transforms the relationship with their care team. Already **70% of the UK's adult cystic fibrosis centres** embrace CFHealthHub because it is delivering:

#### 1. Smarter care

Giving personalised, quality and safe care to keep people healthy and independent in their communities.

- Routinely giving patients and clinicians the information and technology to **enable personalised care** and diagnose habit relapse
- **Increasing patient adherence** to preventative medicines through behavioural interventions that generate habits of self-care
- **Empowering clinicians to make accurate diagnoses** by making adherence data visible in every consultation

#### 2. Stronger learning systems

A system-wide digital community of practice that provides evidence for personalised care and medicines optimisation.

- Scaling the popular CFHealthHub **digital learning health system**, co-designed with patients, clinicians and key industry stakeholders
- **Preventing waste** by providing the first whole-system patient level view of high-cost drugs prescription, collection and adherence
- Collaborating with NHSX and NHS Digital to develop a new national indicator to **ensure high quality, safe and sustainable care**.

#### 3. Swifter value creation

Accelerating translating quality, safe and sustainable care into value in clinical practice.

- Motivating over 25% (and growing) of UK adults with CF to grant consent to **testing digital and behavioural interventions at speed**
- **Implementing research breakthroughs into clinical practice** by sharing learning through an established community of practice.
- **Generating global replication interest**, especially from USA's CF Foundation, funder of the research leading to nearly every CF drug.

### Guiding principles

1. Inspire patients and clinicians to co-develop a robust learning health system
2. Attract partners via an agnostic, interoperable combination of research with implementation
3. Scale impact to generate international influence via an exportable habit engine

**CFHealthHub showcases how to optimize care and maximise value for money on other long-term conditions**