INTRODUCTION

CFHealthHub is a digital learning health system (LHS) supporting over 1500 people with CF (PWCF) across 17 UK CF centres. The focus is to:

- Provide real-time FEV1, weight, BMI, and nebuliser-usage data to enhance clinical decision-making
- Equip clinicians with the tools to support adherence in routine care
- Support PWCF in building habits for treatment-taking
- Reduce medicines waste via ‘just-in-time’ supply.

AIM

- To explore clinicians’ views of how CFHealthHub has been implemented at scale in UK adult CF centres.
- To understand the impact of the CFHealthHub LHS on CF self-care by surveying the CFDigiCare members using CFHealthHub in UK adult CF Centres.
- Respondents included CF clinicians, academics, and PWCF.

METHOD

An online survey comprising closed questions and one open-ended question was distributed to all 154 CFDigiCare members by email.

RESULTS

85 CFDigiCare members responded (55% response rate) from across the multidisciplinary team. This included 18 doctors/consultants, 14 nurses, 23 physiotherapists, 6 pharmacists, 7 dieticians and 7 PWCF. The graphics show a selection of the results from the survey.

- 97% of CFDigiCare members either agree or strongly agree that CFHealthHub has the potential to support shared learning and provides a national support network.

95% of CFDigiCare members either agree or strongly agree that CFHealthHub makes the “invisible visible” by providing an objective measure of patient adherence.

97% of CFDigiCare members either agree or strongly agree that having easy access to objective information on CFHealthHub can support an open and honest conversation that improves patient-practitioner relationships.

CONCLUSIONS

The perceived benefits of CFHealthHub amongst the CFDigiCare community include:

- Benefits for PWCF (e.g. patient empowerment; adherence support; improved patient-practitioner relationship)
- Benefits for CF teams (e.g. shared learning through national support network; enhancing virtual care delivery; clinical decision-making)
- Organisational benefits (e.g. potential to deliver cost savings through medicines optimisation).

The overall feedback was positive from both clinicians and PWCF. Survey results will be used to identify new ways to continue improving CFHealthHub to benefit PWCF and CF teams across the UK.

ACKNOWLEDGEMENTS

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CONTACT INFORMATION

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KEY

- Strongly agree
- Agree
- Neither agree nor disagree
- Disagree

70.6%
24.7%
4.3%

“CFHealthHub is a gamechanger that has the potential to transform CF care, and enables CF teams to focus on prevention and support people with CF more effectively.”

“Firstly, my organisation has the potential to improve our services for patients with CF. It helps me to communicate my ideas to patients, as well as helping me to make better decisions.”

“I am very impressed with the CW software and how easily it can be accessed. I am sure it will help manage and record our patients. I have lived with cystic fibrosis for 30 years and never thought we could have such an effective tool.”

“I used the CW software to organise my clinic and it has been very effective. I am a strong advocate of this system and recommend it to all my colleagues.”

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