

Co-Creation, Development and Evaluation of Online Care Maps for Children with Medical Complexity (CMC)

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AN ONLINE CARE MAP PROVIDED INSIGHT AND VALUE TO PARENTS AND CARE TEAM MEMBERS



APP TOUR

BACKGROUND

Care maps have been shown to be an effective tool in supporting patients and families of CMC. The use of an online care map that can be edited in real-time has not been used and evaluated.

OBJECTIVES

- 1 Determine the **requirements** and **design features** of a **co-created online platform** supporting **care map creation**
- 2 Use the platform for the **development of a shareable standardized parent created care map**, and **explore the utility and feasibility**

STUDY DESIGN

Phase 1

- Qualitative study with parents and CTM of CMC utilizing interpretive description methodology

Phase 2

- Descriptive visual content analysis of care maps
- Care map usage survey
- Qualitative study with parents and CTM of CMC utilizing interpretive description methodology

RESULTS

Phase 1

Parents (n=16) and CTM (n=16) completed semi-structured interviews

Four primary themes:

- 1) Useful features
- 2) Suggestions
- 3) Sharing
- 4) Future use

Phase 2

70% of parents created a care map (n = 25)

Of those who created a care map...

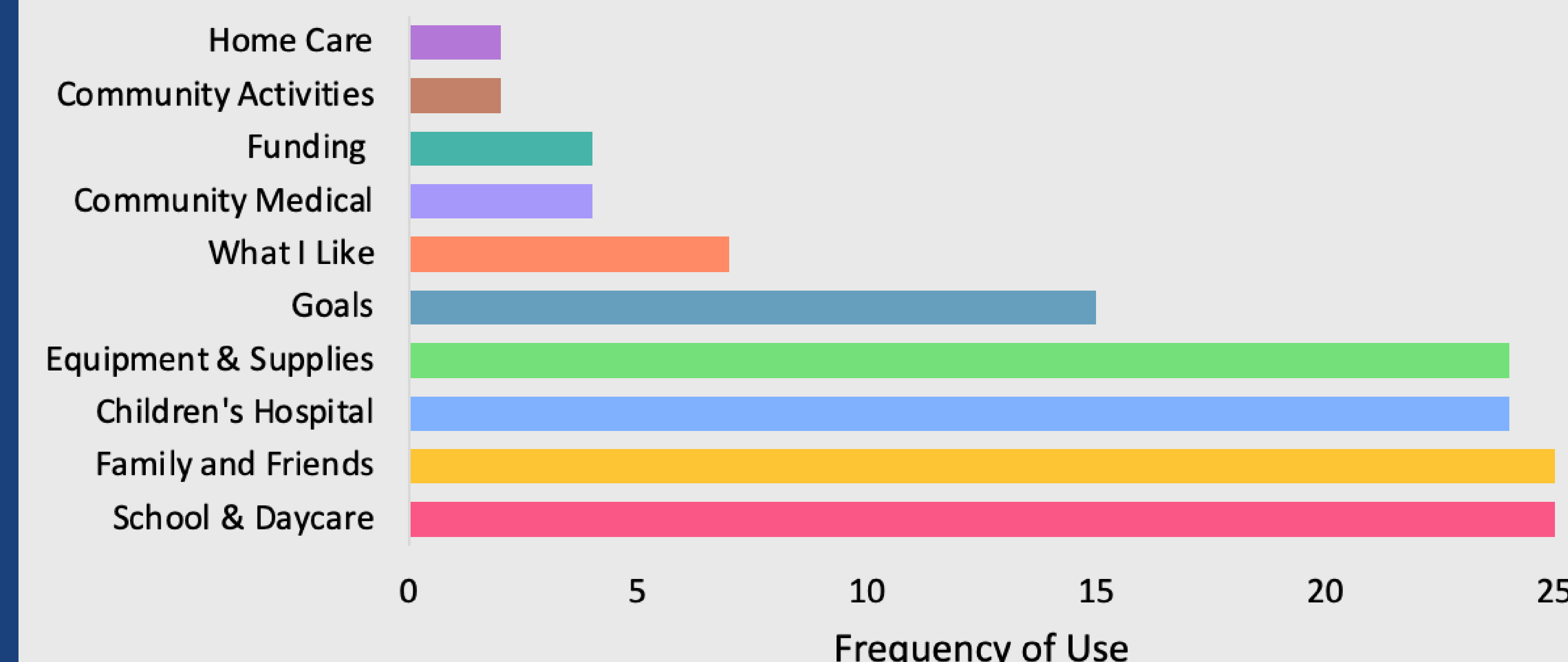
- **80%** reported that they had used it
- **66%** updated the care map at least once

Parents (n=15) and CTM (n=13) completed semi-structured interviews exploring care map creation and utility.

Four primary themes:

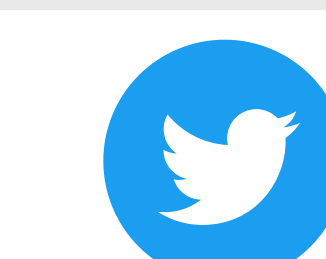
- 1) Clinical usage of care maps
- 2) Suggestions to improve usability
- 3) Benefits of use
- 4) Challenges for usage

Descriptive Visual Analysis



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