

Technology and dementia

Read about DDRC's research projects on technology and dementia.

Assistive technology for people with dementia (ReACT)

The ReACT study addresses user-involvement, implementation and research methodology when designing assistive technology for people with dementia.

As part of the study an application (the ReACT app) was designed to meet the needs of people with dementia with regards to self-management in daily life.

The results of study underlined the benefits of involving end-users in the design and test of assistive technology, to meet their needs and capacity. Results also showed that uptake and adoption of technology can be promoted by implementation methods tailored to people with dementia and their family caregivers.

The study was initiated in 2015 and follow-up data was collected until 2022.

Contact

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Publications

[Øksnebjerg L, Woods B, Ruth K, et al. A Tablet App Supporting Self-Management for People With Dementia: Explorative Study of Adoption and Use Patterns. JMIR mHealth and uHealth. 2020;8\(1\):e14694](#)

[Øksnebjerg L, Woods B, Waldemar G. Designing the ReACT app to support self-management of people with dementia: An iterative user-involving process. Gerontology. 2019;65\(6\): 673-685.](#)

[Øksnebjerg L, Woods B, Vilsen CB, et al. Self-management and cognitive rehabilitation in early stage dementia—merging methods to promote coping and adoption of assistive technology. A pilot study. Aging & mental health. 2019;1-10.](#)

[Øksnebjerg L, Janbek J, Woods B, Waldemar G. Assistive technology designed to support self-management of people with dementia: user involvement, dissemination, and adoption. A scoping review. International psychogeriatrics. 2019;1-17.](#)

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