



Device activism and material participation in healthcare: retracing forms of engagement in the #WeAreNotWaiting movement for open-source closed-loop systems in type 1 diabetes self-care

Device Activism

Jansky, Bianca
& Langstrup, Henriette
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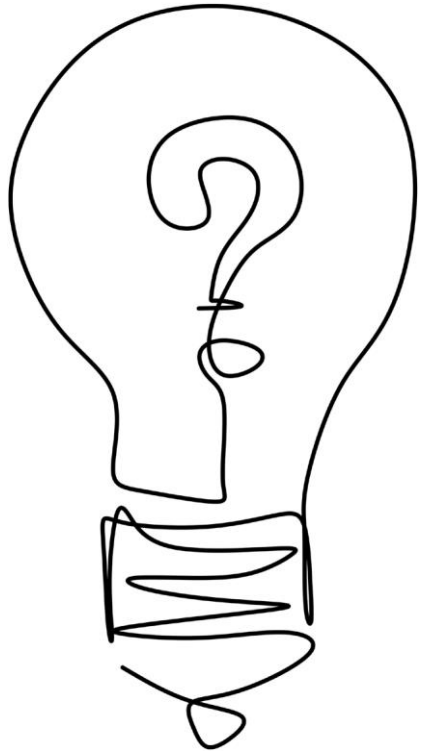
<https://doi.org/10.1057/s41292-022-00278-4>

Who should read the paper?



- **Sociologists**
- **Science and Technology Studies scholars**
- **Public Health ethicists**
- **Healthcare Professionals**
- **Everyone interested in digitalisation in healthcare**
- **Everyone interested in chronic disease self-care**

What's it about?



Research question

Empirically exploring the different forms of material participation encountered among a group of people with T1D (who describe themselves as loopers), who are engaged in the development and usage of an open-source closed-loop system to automate their insulin delivery.

Study design

What did the
researchers
do?

Methodology: Situational Analysis

Data acquisition: In-depth Interviews,
participant observation, public documents

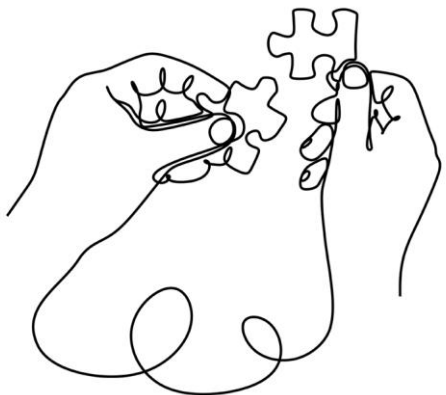
Setting: German healthcare setting in 2018
and 2019

Participants: Patients, carers and healthcare
professionals

Data analysis: Constructive Grounded
Theory Methodology



What did the researchers find out?



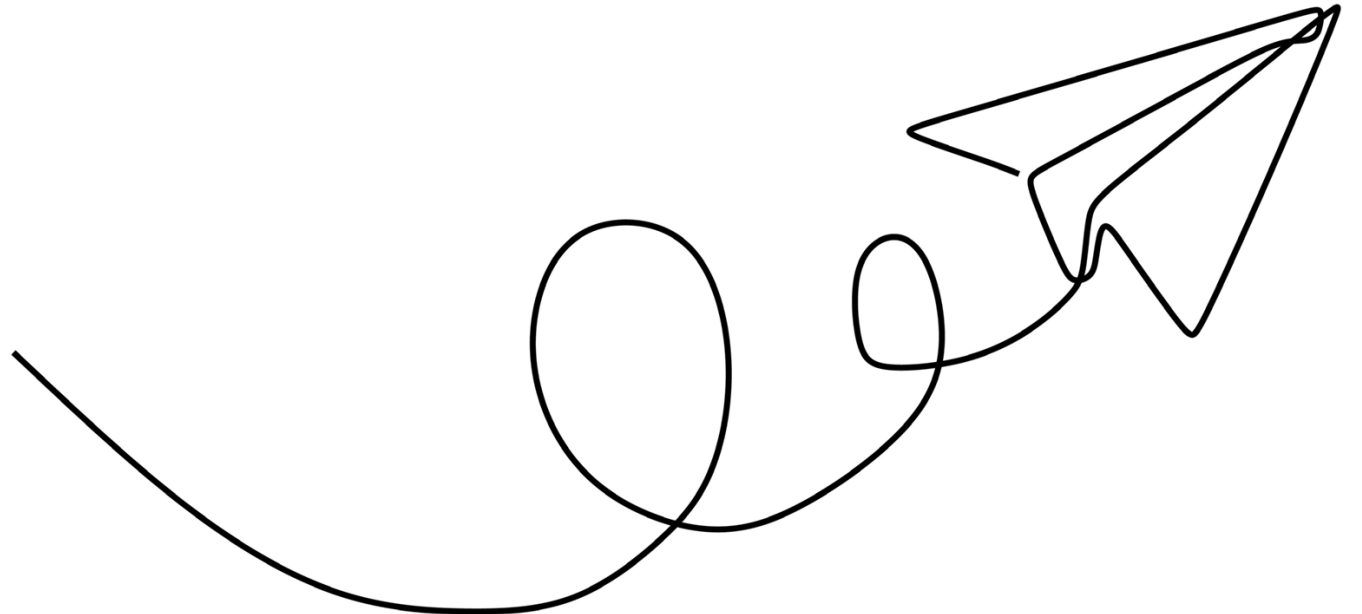
Results of the study

- Introducing the concept of device activism.
- The authors retrace three different device-centered narratives that show how a globally shared concern and political participation through technology use varies with local practices.
- The engagement in the #WeAreNotWaiting movement is both shaped by and is shaping the matters of concerns: devices in, on, and with bodies.

How can the results be used?

The idea of *device activism* gives researchers on patient and health activism and movements a new concept through which to look at patient groups in an area of increasing digitalization and personalization.

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