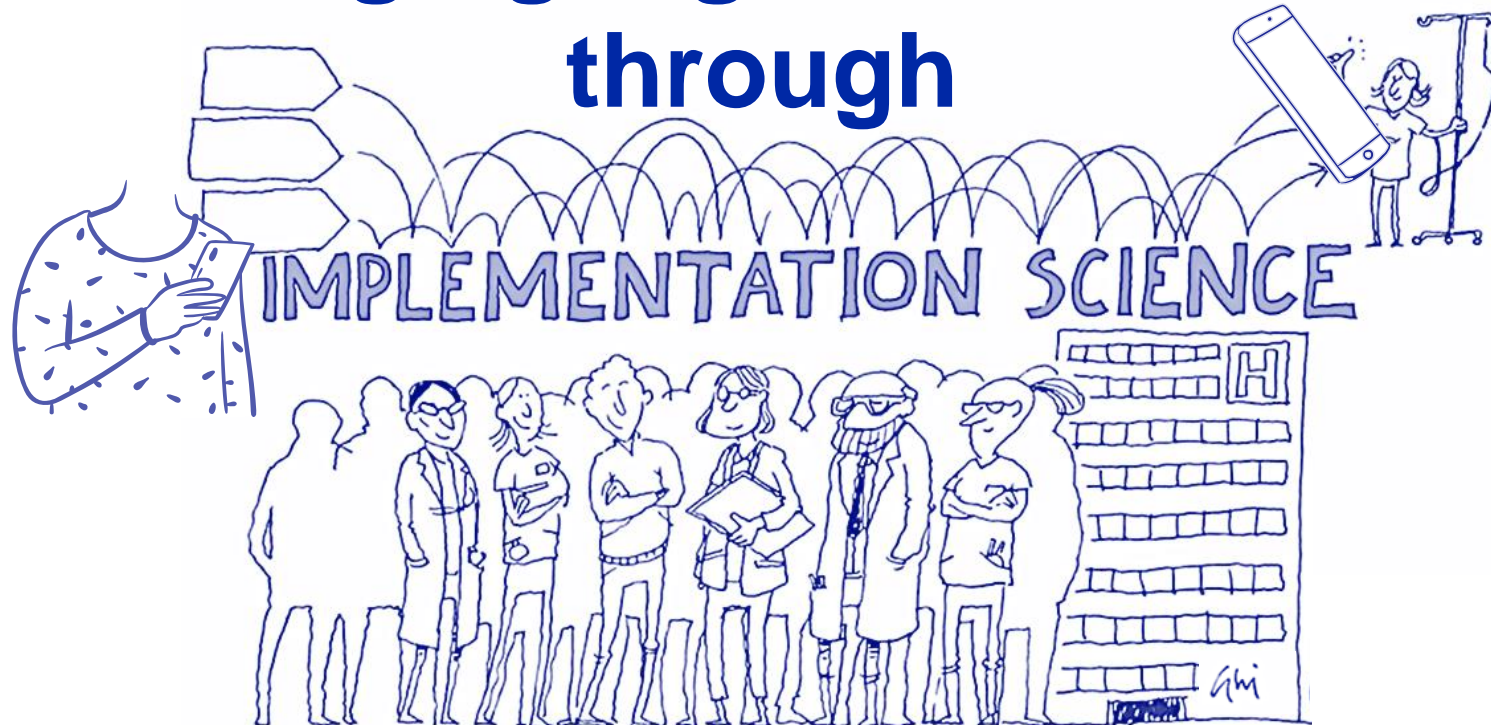




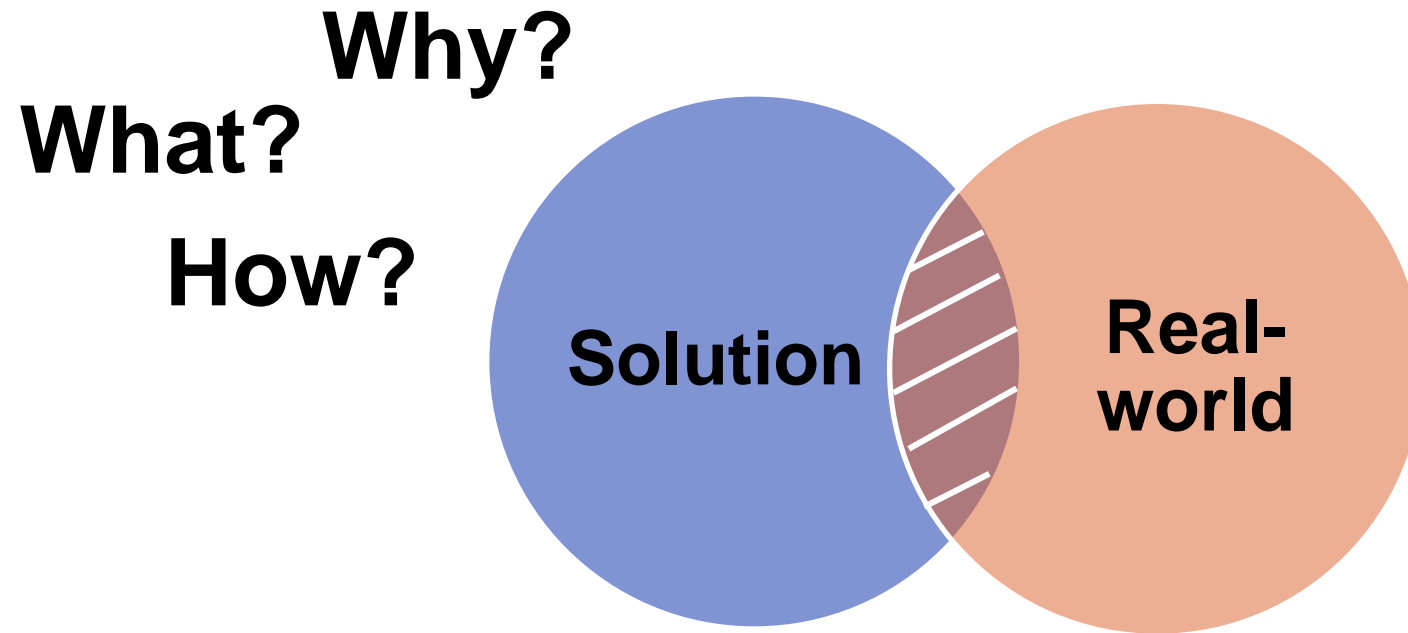
Leveraging digital innovations through



Kathrin A. Blum, Dr. Julia Bänziger, Prof. Dr. Lauren Clack



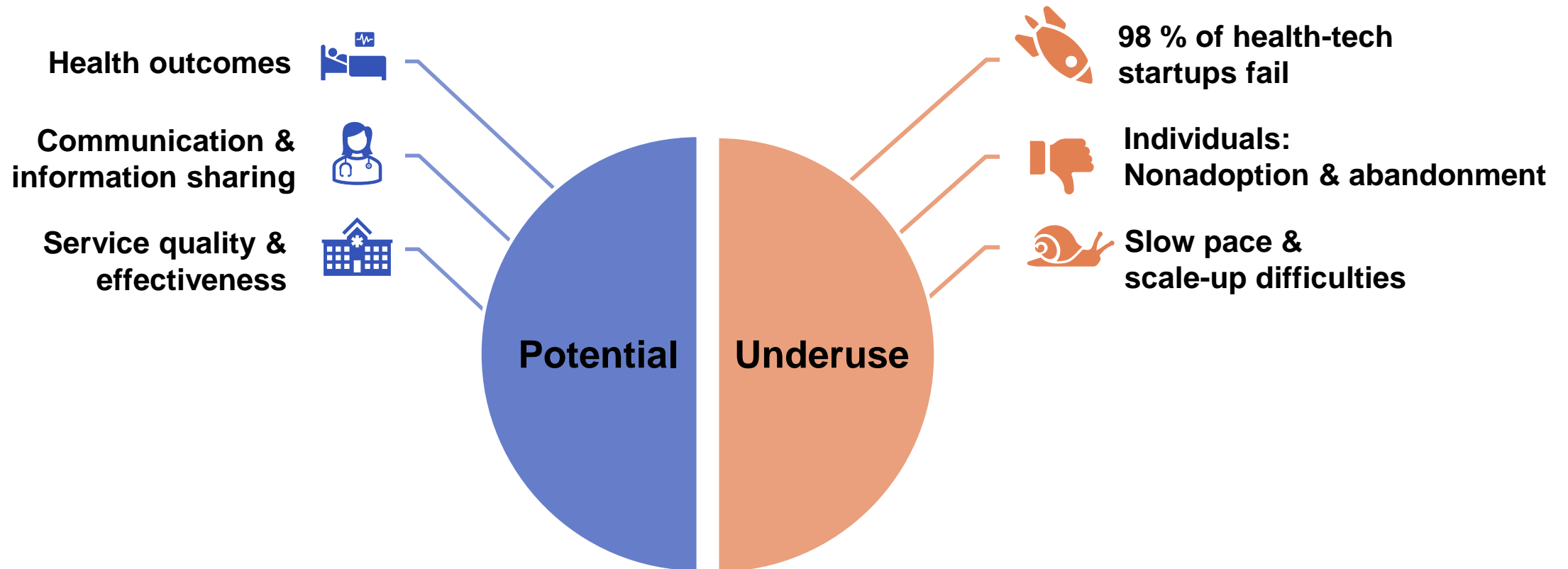
Implementation science



...how to introduce potential solutions
and promote their systematic uptake?

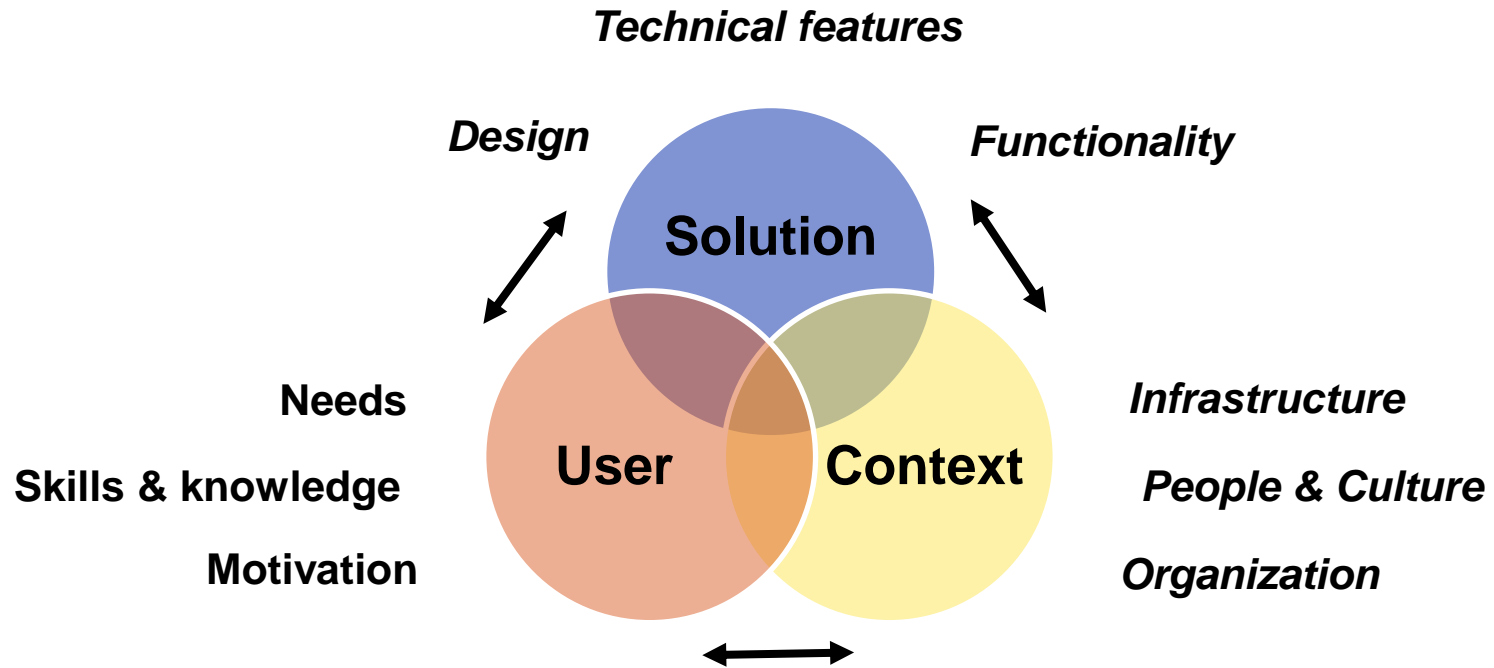


Digital innovations in healthcare





Factors that make or break implementation?



Designing for users in their context of use

Implementing and testing in the real world context

Design

Implementation

Involving users in designing a VR infection prevention control training



Désiron, Petko, Lapaire, Ullrich & Clack 2023.



Interviews

- Identify needs & requirements
- Identify potential barriers



Think aloud exercises

- Ensure good user experience
- Test for potential negative side effects

Designing for users in their context of use

Design

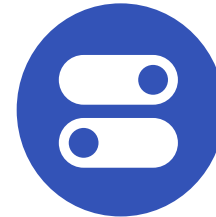
Implementation

Tailor, evaluate, and refine the implementation



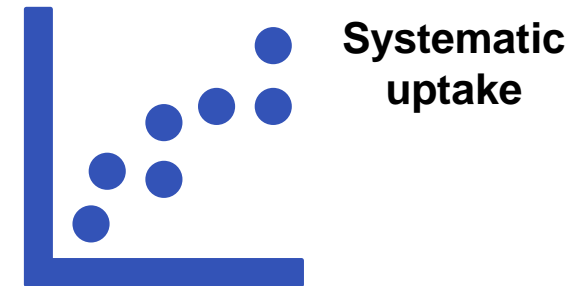
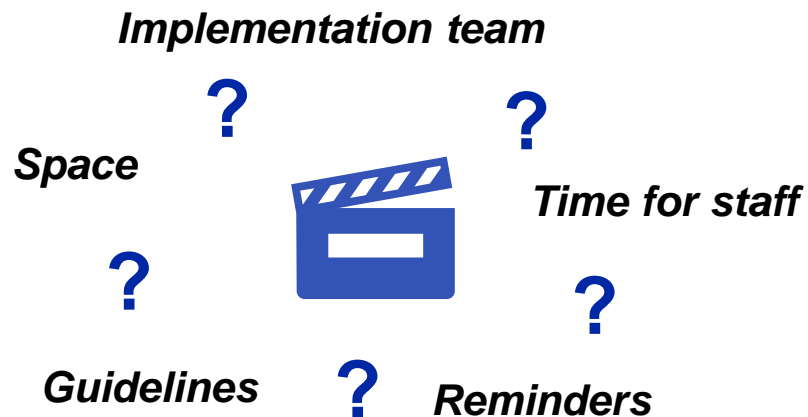
Group based methods

- Select implementation strategies
- Ensure a good fit with the context



Implementation outcomes

- Test and evaluate strategies
- Refine implementation



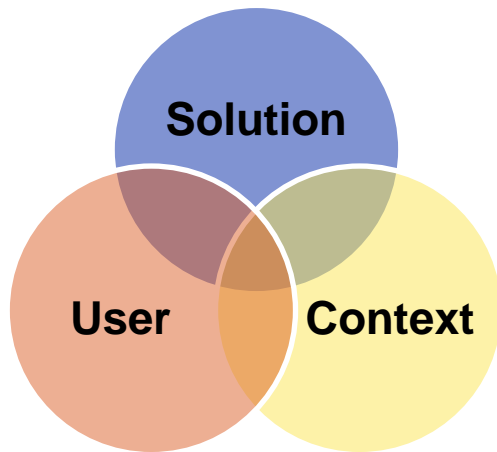
Tailoring and testing in the real world context

Design

Implementation



Keys to transforming innovations into sustainable practice solutions



- **Understand your user and the context of use**
- **Involve users from the start**
- **Plan your implementation**
- **Rely on established implementation knowledge and theories**

Unlocking implementation potential together?

