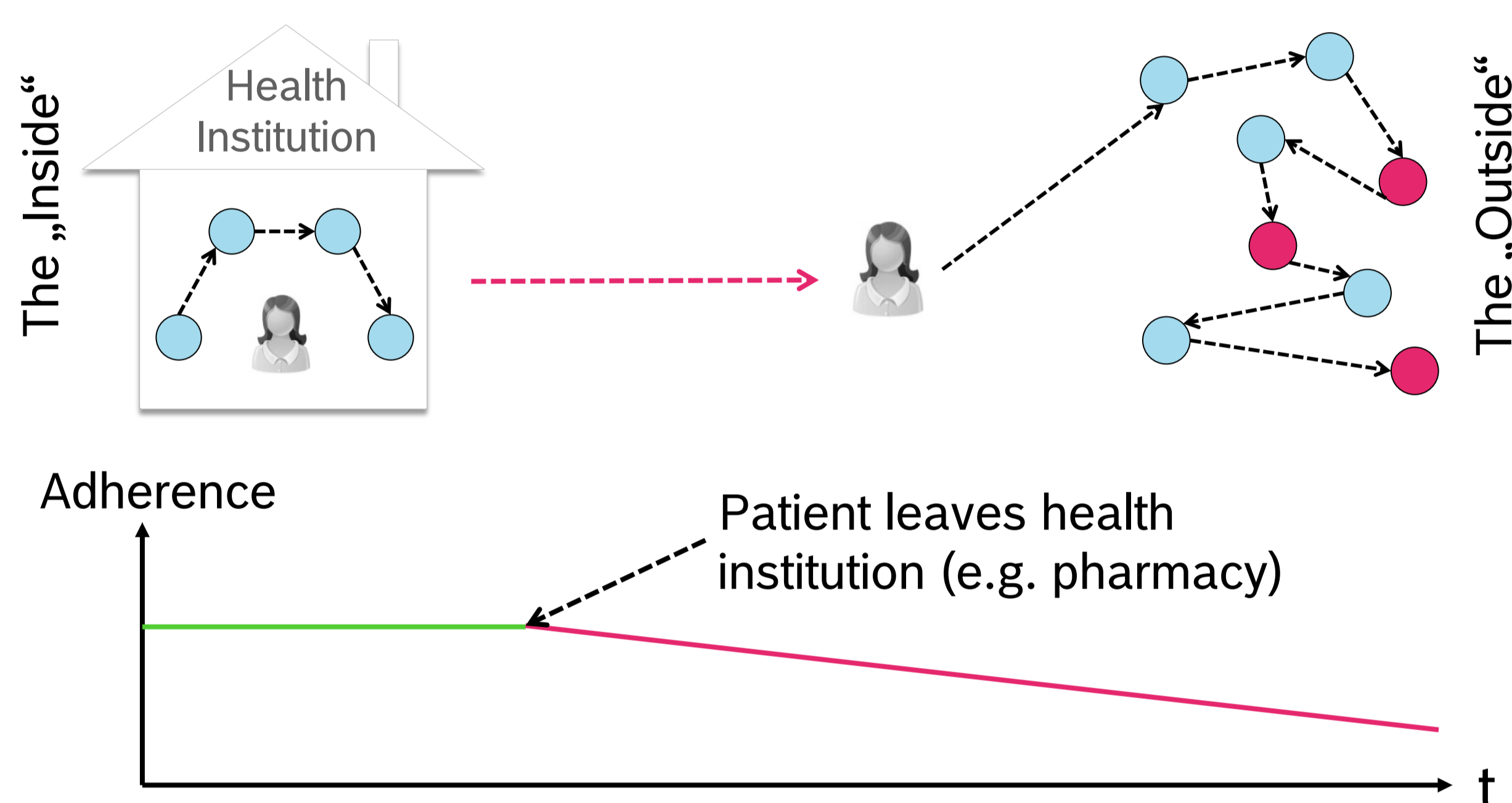


Connecting Pharmacies and Patients Beyond Face-to-face Encounters

Motivation

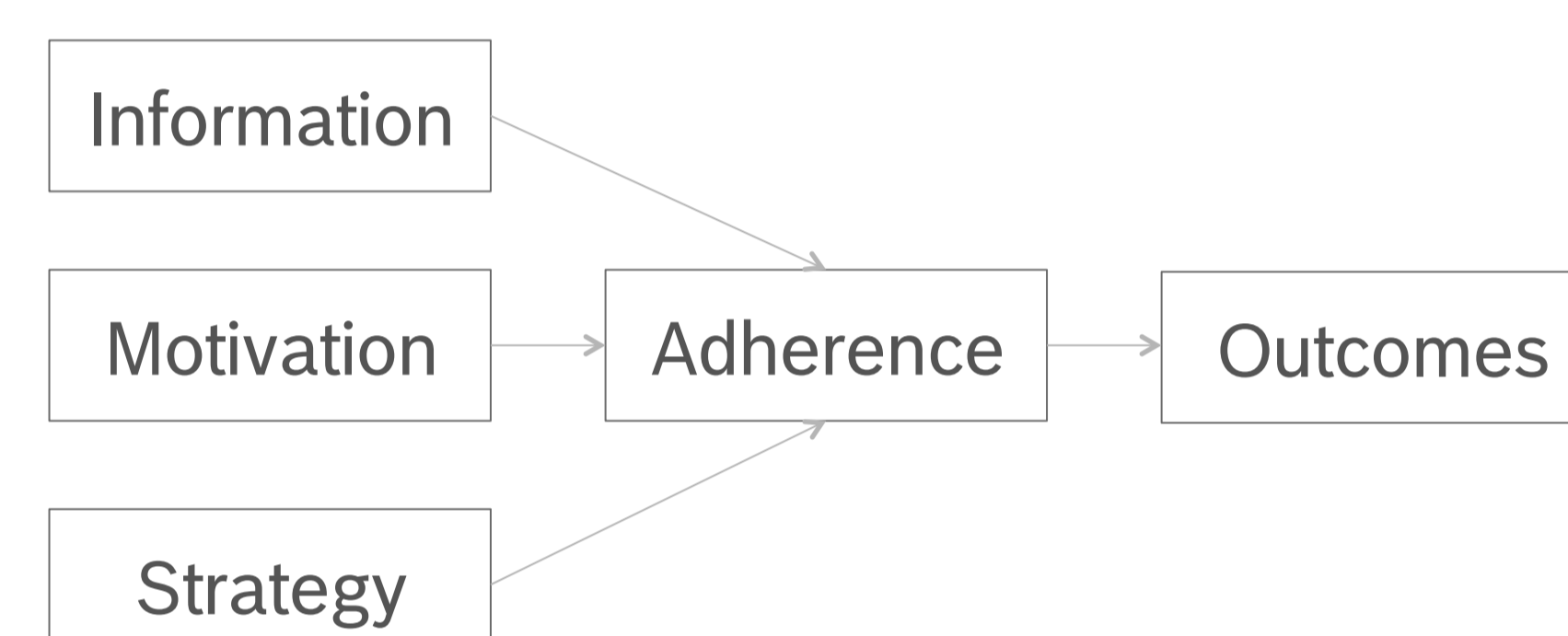
Fundamental asymmetry between the “inside” and the “outside” limiting communication & collaboration between health professionals and patients, thus limiting professional support of the patient.



Question: How can “the outside” be structured?

Approach

- ▶ Design Science Research & Pilot Study with 21 Swiss Pharmacies.
- ▶ Analysis of genre and genre systems of communication between pharmacists and patients.



IMS Model (adopted from DiMatteo et al. 2012: Improving patient adherence: a three-factor model to guide practice. Health Psychology Rev, 6(1), 74-91)

Results

1. Patient App (iPhone)

2. Pharmacist App (iPad)

Contributions

- ▶ Design principles of information systems that enable continuous communication between health professionals and patients.
- ▶ Understanding of communication patterns and their influence on patients' adherence (emerging genres and genre systems).
- ▶ Implementation of “mutual accountability”: Both health professional and patient are responsible for health outcomes.
- ▶ Potential cost reduction in the public health system by enabling continuous support to address non-adherence behaviors and by allocating resources in cost-efficient pharmacies.

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