

The added-value of living labs for successful implementation of innovation in healthcare: a systematic review

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Living lab

- Goal: to involve end-users in the development, implementation and evaluation of innovation
- Key components: user-centric, co-creation, real-life context, test innovation and open innovation

Aims

1. Identify which aspects of the living lab approach are used in the literature
2. Identify the measured implementation component
3. Identify the success of implementation in terms of implementation outcomes

Methods



Pubmed, Embase, Cinahl, PsycINFO 2000-2019



Outcomes (Proctor et al.)

- Acceptability
- Adoption
- Appropriateness
- Feasibility
- Fidelity
- Implementation cost
- Penetration
- Sustainability



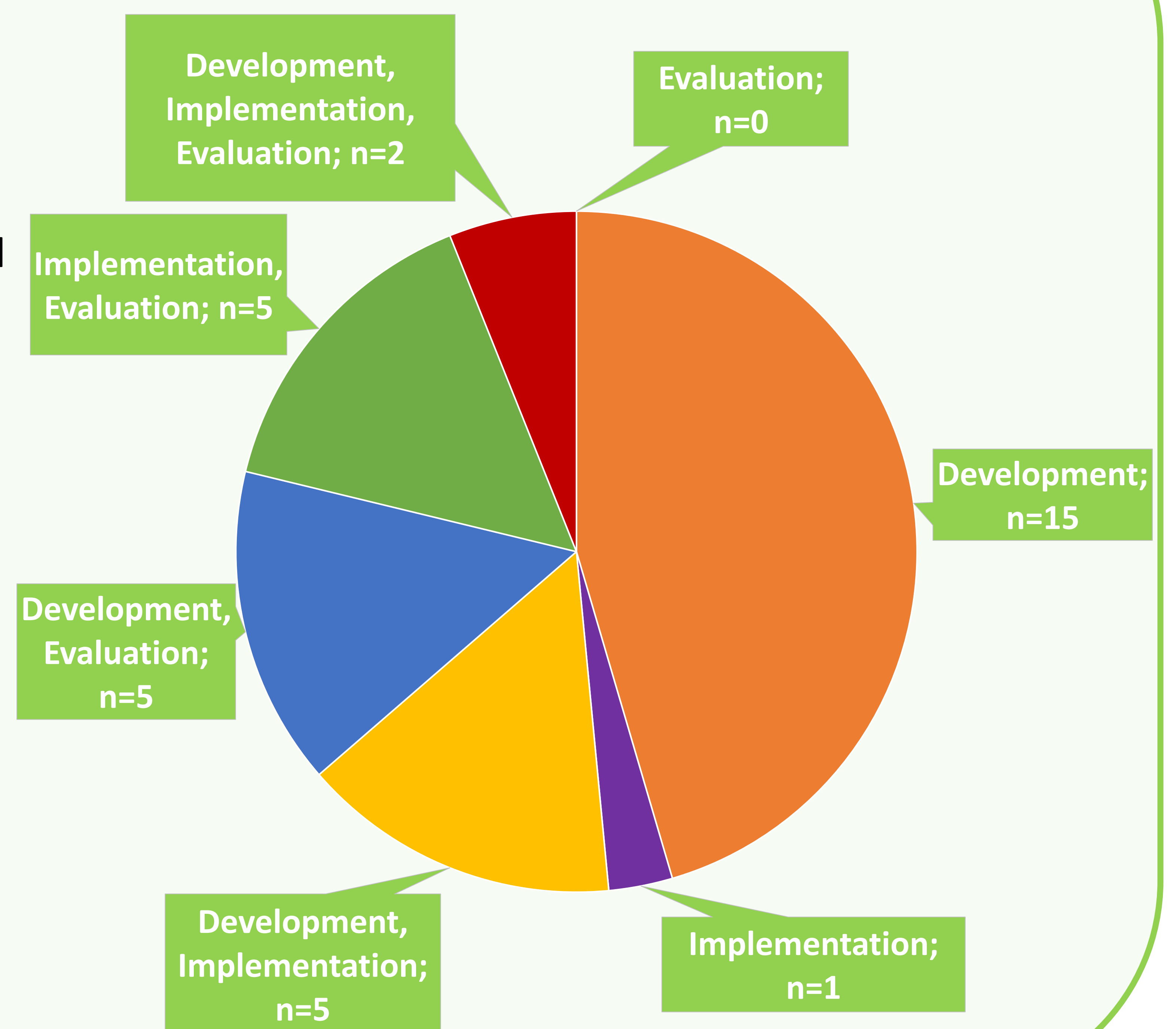
Quality assessment:

Implementation outcomes + Hawker et al.

Preliminary results

- From **1173** unique articles **32** were included for qualitative synthesis.
- Quality was on average **FAIR** based on the Hawker et al., (2002) scoring for methodological rigor
- Most publications report on **ACCEPTABILITY** and **FEASIBILITY** (n=19)
- Almost half of the publications report on the use of the living lab approach in the **DEVELOPMENT** phase (n=15)
- **Success factors for implementation:**
 - Taking context into account
 - Sufficient resources
 - Active participation and early involvement
 - Supporting structure (facilitated by a team)
 - Effective communication
 - Leadership
 - Prototyping

Phase of living lab aspect



Take-home message

Involving end-users throughout all phases of the implementation including development, implementation and evaluation can lead to **better compliance, adoption and more positively experienced implementation.**

Request the reference list by scanning the QR-code

