ASSESSING E-HEALTH INITIATIVES: DO THEORETICAL FRAMEWORKS MATTER IN PRACTICE?

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BACKGROUND

- Building evaluation efforts on theoretical frameworks is recommended in eHealth evaluation.
- Some scholars argue that there is insufficient use of frameworks in eHealth evaluation.
- Empirical grounding for such claims is missing.

OBJECTIVES

To investigate the actual reference to theoretical frameworks in empirical eHealth evaluation studies

METHODS & DATA

Method:
- Systematic literature review
- Scopus & Google Scholar, 1990-2016
- “eHealth interventions” AND (“research methods” OR “study design” OR “evaluation methods”)

Data:
- 23 empirical cases of summative eHealth evaluations selected
- Selected 6 theoretical evaluation frameworks for comparison with empirical cases

DATA ANALYSIS

1. Looking for any reference to theoretical evaluation frameworks in 23 empirical cases
2. Investigating a theoretical possibility to build the 23 empirical studies on the 6 selected theoretical evaluation frameworks

RESULTS

Empirical studies that referred to any theoretical evaluation framework (2 out 23)

CONCLUSIONS

1. The gap between eHealth evaluation research and practice exists and has been proven empirically.
2. The reasons behind the limited use of theoretical evaluation frameworks should be investigated.

IMPLICATIONS

1. Theoretical evaluation frameworks need better dissemination.
2. The reasons behind the gap between theory and practice should be investigated.