



EVIDENCE SYNTHESIS
IRELAND



Cochrane
Ireland

Evidence Synthesis Ireland Fellowship Scheme Review Identification Form

Review Centre/Group Mentor and email address

EPOC/Sheena McHugh (lead)
Co-mentorship will be provided by Prof Luke Wolfenden

Review title

Tailored strategies to support implementation of healthcare interventions

Review type

Cochrane review of effectiveness

Review information

The review is funded as part of the work programme of the HRB Research Leader Award (RL-2020-004) called *CUSTOMISE* (Comparing and Understanding Tailoring Methods for Implementation Strategies). The project focuses on the process and impact of tailoring implementation strategies to support the delivery of evidence-based practices in health care.

The *CUSTOMISE* project has a dedicated PPI group, the members of which will be involved in various stages of the review. The group will be introduced to the systematic review work package at the next meeting in December 2021.

The end-users of the review will be implementation researchers and implementation practitioners in the health service (health service managers, health professionals) tasked with designing and implementing service improvements.

Review details

Despite effective evidence-based interventions (EBIs) to prevent, treat and coordinate care, few interventions have gained widespread adoption, and when adopted, implementation barriers can limit their impact. Judicious use of implementation strategies can enhance the adoption, implementation, and impact of EBIs. Implementation strategies, “methods or techniques used to enhance the adoption, implementation, and sustainment of a clinical program or practice”, are often multifaceted and target multiple levels of change. Tailoring such strategies to address the salient barriers and enablers to implementation is considered critical to achieving success. This review will update a Cochrane review of the effects of tailored interventions (strategies) to improve professional practice, completed in 2015. Since the publication of the last revision of this review, several new studies of tailored implementation strategies have been published.

Consequently, there may be additional evidence on the effectiveness of tailoring or, on how it can be undertaken most effectively.

Objective

Conduct a Cochrane review to determine the effectiveness of tailored strategies to improve professional practice and healthcare outcomes, specifically:

- Tailored implementation strategies compared to no strategy
- Tailored implementation strategies compared to non-tailored implementation strategies

Eligibility criteria

Participants: Healthcare professionals responsible for patient care.

Intervention: Strategies that are planned, taking account of prospectively identified determinants of implementation.

Comparator: Studies which involve a comparison group that did not receive a tailored strategy, or a comparison between a strategy that was targeted at determinants, compared with a strategy not targeted at identified determinants.

Outcomes: Objectively measured adherence of health professionals to recommended practice, in a healthcare setting, or patient outcome, or adverse effects (patient outcomes, quality of care, and adverse effects, as defined in the EPOC guidance on outcomes to be reported in EPOC reviews). Cost, where costs are not the only study outcome.

Study types: Cluster-randomised controlled trials (cluster-RCTs) with at least two control and two intervention sites.

Review current status

Not started – we are due to submit the protocol to Cochrane in April 2022

Any specific/desirable requirements for fellow (e.g. clinical expertise, methodological expertise)

An interest in implementation research or complex intervention development

Previous experience in the conduct of systematic reviews is advantageous but not required.

Estimated start and completion dates

25/04/2022 – 31/07/2023

April 2022 – submit protocol

July 2022- start screening (expected)