

DECIDE WP1 Strategies For Healthcare professionals

Healthcare professionals face challenges in understanding guidelines' messages, question their rigour and limit their trustworthiness. Bridging the gap between clinical research and everyday healthcare practice requires more effective communicating strategies.

Objectives:

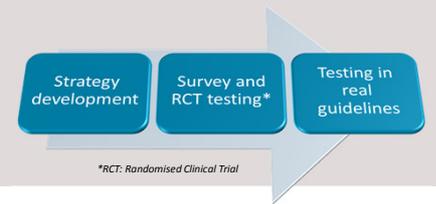
DECIDE's WP1 objectives are to develop and evaluate strategies for effectively and efficiently communicating and supporting the uptake of evidence-based recommendations to healthcare professionals.

Methods:

To develop and evaluate WP1 strategies we used DECIDE iterative methods within and between three differentiated phases (see Figure 1):

- 1. Strategy development and user-testing:** by collecting user feedback from healthcare professionals through user-testing, plus feedback from key stakeholders
- 2. Evaluating the communication strategies:** in randomised clinical trials or surveys
- 3. Testing the strategies in real guidelines:** by using them prospectively in real guidelines prepared by consortium partners and collaborators. We will evaluate the impacts of these strategies on outcomes such as knowledge, attitudes and self-reported behaviour using surveys and interviews.

Figure 1: Methods to develop and assess DECIDE strategies



WP1 Strategies:

1: Top-Layer - multi-layered guideline presentation

This presentation format allows clinicians to successively view more in depth information beneath a recommendation. Starting with the recommendations clinicians can access a justification, and a key information section with detail about the main factors that drove the recommendations (e.g. balance between desirable and undesirable consequences).

Next steps: we have developed and tested the Top-Layer functionality and formatting with a wide range of stakeholders and end users. A revised format is currently being, and will be further, tested in surveys and trials.

2: Evidence to Decision framework and user presentations

We have worked together with work-packages 1-5 to produce a series of frameworks for moving from evidence to decisions. WP1 developed and tested the framework for clinicians (See left and interactive Evidence to decision-iEtD frameworks-poster). In addition we designed and tested a format to present this information to users (see right).

Next steps: stakeholder and users' feedback revealed the need to keep a balance between exhaustiveness and simplicity and to generate interactive formats. These interactive formats are to be tested in randomised clinical trials and surveys as well as used in real guidelines.

Strategy 3: Decision aids presentation format

We are developing a framework for the production of a generic decision aids (DA) directly from evidence summaries from systematic reviews using GRADE methodology. We are designing a set of interactive and adaptable presentation formats for these DA to be used by clinicians and patients in the clinical encounter to facilitate shared-decision making. We are testing the feasibility of automatically translating evidence summaries into such interactive DA.

Next steps: the implementation of DA in guideline development tools and the evaluation of the DA in RCTs and cohort studies.



This project has received funding from the European Union's Seventh Framework Programme for research, technological development and demonstration under grant agreement no 258583.

