

Selecting and validating outcome measures on pharmaceutical care interventions



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Outline of workshop

- Summarise the state-of-the art in outcome measurement as relevant to pharmaceutical care studies
- Introduce the concept of the Core Outcome Set (COS) and how to develop a COS
- Facilitate discussion on selecting suitable outcomes and their associated measurement using exemplar projects suggested by participants

Overview of models

- Donabedian-structure, process, outcome
- Kozma-economic, clinical and humanistic

Group discussion 1

- Which type of outcomes were reported (think ECHO-model)?
 - QOL, DRPs, DR-admissions.re-admissions, contact with health care professionals, costs, resource utilisation, intermediate 'clinical' outcomes e.g. BP control
- Why do you think they were chosen/What seems to drive selection of outcomes?
 - Feasible, quick/easy, clinically relevant, politically/professionally important, methods/instruments available, used before in the literature, researcher bias, data available, cheap, time/funding available for the study, widely understood



Solution?

- COMET Initiative (www.comet-initiative.org)
 - Core Outcome Measures in Effectiveness Trials
- Brings together individuals interested in the development and application of agreed **standardised** sets of outcomes
 - Core Outcome Sets (COS)
- The **minimum** that should be measured and reported in all clinical trials, audits of practice or other forms of research for a **specific condition/population**

Discussion 2

- Consider the development of a COS relevant to your group
- Think about the main steps to be undertaken
 - Scope
 - Existing evidence
 - Stakeholder input
 - Consensus
- Challenges anticipated

Main discussion points

- Overall process was discussed
 - Issues about time needed to undertake to do this
 - Importance of the scope and refining this
 - Feasibility of the process
 - Funding of developing a COS
 - How to manage differences of opinion between stakeholders and researchers
- Possible PCNE project?
 - Development of a COS for pharmaceutical care projects