

International initiative

Guidance for key issues of design and analysis of observational studies

TG 5: Design

Doug Altman (Oxford, UK)

Members

- Chairperson(s?):
 - ??
- Additional members so far:
 - Doug Altman (Oxford, UK)
 - Stephen Evans (London, UK)
 - Sebastian Schneeweiss (Boston, US)
 - Mitch Gail (Bethesda, US)
 - Shalom Wacholder (Bethesda, US)
 - Mark Woodward (Sydney, Australia; Oxford, UK)
 - Gary Collins (Oxford, UK)

Main issues for the start

- This group is being assembled and awaits chairperson(s)
- Design is a huge topic, so progress probably depends on identifying some distinct subtopics, e.g.
 - incidence or prevalence studies
 - intervention effects, i.e. comparative effectiveness
 - diagnostic test accuracy studies
 - prognostic factor and prediction modelling studies
 - using routine data (clinical databases)
 - ...
- Perhaps also some higher level topics, e.g.
 - Sampling
 - Bias and confounding, and how to reduce the risk
 - Choosing the appropriate study design
 - ...

First steps

- Identify first subtopics
- For each topic, review existing guidance
 - Task will be much easier if we can identify good existing publications!
- Consider taxonomy of observational studies
 - Review literature

Prognosis research strategy (PROGRESS) 1: A framework for researching clinical outcomes

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Guidelines and Guidance

Prognosis Research Strategy (PROGRESS) 2: Prognostic Factor Research

OPEN ACCESS Freely available online



Guidelines and Guidance

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Prognosis Research Strategy (PROGRESS) 3: Prognostic Model Research

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Prognosis research strategy (PROGRESS) 4: Stratified medicine research

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