



**6th International Clinical
Trials Methodology
Conference.
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Workshop 1.5 Overview

W1.5: Estimands in randomised trials: practical guidance to help get the right answer to the right question

Brennan Kahan, Suzie Cro, James Carpenter

An estimand is a precise description of the treatment effect to be estimated (the question to be answered), and is distinct from the methods of statistical analysis (how the question is to be answered). Careful use of estimands therefore provides a structured, accessible way of thinking through the research objectives and ensures that trial methods (design, conduct, and analysis) are fully aligned with these objectives, thus maximising the clinical relevance of the results.

Using real trial examples, this workshop will use a mixture of presentations and practical sessions, to provide participants with practical tools and tips for using the estimands framework to improve their own trials. At the end of this workshop, participants will understand:

- What an estimand is, and why it's important
- The five components of an estimand, and the different approaches to defining each, with particular emphasis on intercurrent events, such as treatment discontinuation or death
- How to choose an appropriate estimand for their own study
- How to estimate different estimands
- How the estimand can be used to guide choices around the study design, data collection, study conduct, statistical analysis, and sensitivity analyses