

# Planning an Orthodontic Trial: Where to start

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## This two-part presentation will cover:

- The remit of evidence-based orthodontics (EBO) and clinical decision-making
- The selection of research questions and clinically important outcomes
- When is a new randomized controlled trial justified?
- Bias in clinical studies
- Accurate reporting of trials and research waste
- The SPIRIT guideline for protocol preparation
- Description of interventions and selection of relevant outcomes
- Proper randomization
- Sample size calculation
- Pre-specification of data analysis
- Dissemination of study results

## Useful sites:

Trial protocol tool: <http://www.practihc.org/toolindex.htm>

SPIRIT document: <http://www.spirit-statement.org/publications-downloads/>

EQUATOR Network: <http://www.equator-network.org/>

CONSORT Group: <http://www.consort-statement.org/>

AJODO: <http://www.ajodo.org/content/statresearchdesign>