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
EQUATOR Network: http://www.equator-network.org/
CONSORT Group: http://www.consort-statement.org/
AJODO: http://www.ajodo.org/content/statresearchdesign