

Influencing the design and analysis of laboratory studies

WORKSHOP PART I

Original vision

Use the talks for a structure to the paper

- General statement : the problem/issues or challenge
- Evidence to date for any known solutions
- Gaps in the knowledge: what is still not known
- Solution
- Recommendations

Identify a spokesperson for the group

45 minutes to discuss

1. Definition of 'laboratory studies'
2. Research topic for a paper e.g.
 - Base on a selection of the talks presented today
 - Base on common themes that emerged from the today
 - Build on from previous research
 - Think about
 - Target audience, journal and structure of paper, lead author (volunteer required)
3. As a group with a common interest , what would be useful to do from here?
 - Set up a regular annual meeting?
 - Training course
 - Online forum/discussion group? Hosted via NIHR portal?
 - Nothing !

- Difficulties in Sample size calculations
- Difficulties in designing: target for statisticians– useful to summarise literature so far, make recommendations and highlight what's missing?
- Personal experience of implementing processes to ensure quality control
- Training lab scientists in design or doing it for them