



AB069. 22. Attitudes and beliefs of clinicians regarding barriers and enablers in conducting perioperative clinical trials: a qualitative study

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Background: Clinical trials are required to determine which treatment plans are most effective and most cost-effective. Integrating clinical trials in routine clinical practice is a proposed method of increasing participation in clinical trials. The attitudes and beliefs of clinicians undertaking clinical trials is a key component in conducting a successful trial. Our aim is to identify barriers or enablers perceived by surgeons and anaesthetists that would be necessary and sufficient to conduct clinical trials in perioperative medicine.

Methods: Semi-structured interviews were conducted. Interviews were audiotaped, transcribed and analysed with NVIVO software.

Results: Only 5/18 clinicians were actively involved in research. When asked if they would like to be doing some research or more than they are currently doing; 7 were interested in doing more, 5 were not interested and 6 might be interested depending on the circumstances.

Absolute barriers to involvement were that the trial is feasible, design is valid and that they feel the research question is important. The 2 greatest enablers for involvement were a personal interest in knowing the answer to the question and the availability of research/administrative staff to assist with the trial. The availability of research and administrative staff is a strong enabler and was mentioned by most clinicians. Unsurprisingly lack of spare time and increased workload were identified as the two main barriers to participation.

Conclusions: Most clinicians would be interested in participating in research given the right circumstances. This highlights the importance of dedicated research staff in order to maximize participation of clinicians.

Keywords: Attitudes; beliefs; preoperative; research; barriers; enablers

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