

Preoperative behavioural intervention to reduce drinking before elective orthopaedic surgery: the PRE-OP BIRDS feasibility RCT

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Declared competing interests of authors: James Prentis has received personal fees from Pharmacosmos A/S (Holbaek, Denmark) outside the submitted work. Elaine McColl was a member of the National Institute for Health Research (NIHR) Journals Library Editorial Group from 2013 to 2016 and was a member of the NIHR Clinical Trials Unit Standing Advisory Committee until 2016. Denise Howel was a member of the NIHR Health Services and Delivery Research Healthcare Delivery Research Commissioning Board from January 2012 until May 2016 and was a member of the NIHR Programme Grants for Applied Research subpanel from February 2017. Eileen Kaner was a panel member of the NIHR Public Health Research Research Funding Board until October 2016.

Disclaimer: This report contains transcripts of interviews conducted in the course of the research and contains language that may offend some readers.

Published March 2020

DOI: 10.3310/hta24120

Plain English summary

The PRE-OP BIRDS feasibility RCT

Health Technology Assessment 2020; Vol. 24: No. 12

DOI: 10.3310/hta24120

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Plain English summary

Most patients undergoing knee and hip replacements are over 65 years old. Older patients have an increased risk of complications following surgery.

Heavy alcohol consumption in the weeks before surgery increases the risk of complications after surgery, which can extend recovery times. Advice that helps patients reduce their alcohol consumption before surgery may have benefits for recovery.

The PRE-OP BIRDS study had two parts: a feasibility study followed by a pilot randomised controlled trial with focus groups and an electronic survey used to characterise usual care in the preoperative assessment clinic.

The feasibility study took place at one hospital. It aimed to develop materials that help health-care professionals provide brief advice to patients on how to reduce alcohol consumption before surgery. This brief advice was delivered to eligible patients and the acceptability to staff and patients was assessed in interviews.

The pilot trial took place in three hospitals. Patients who agreed to take part were placed, by equal chance, into either a group that received usual care or a group that received usual care plus brief advice about reducing alcohol use. The aim was to count how many people agreed to take part and how many also agreed to complete a follow-up 6 months later. Interviews were carried out with patients and staff to explore their views on the intervention and the trial as a whole.

All of this information was collected to help decide if a future larger trial was possible. This work found that the tools used were acceptable to both patients and staff. Although the number of people who agreed to take part was smaller than hoped, almost all of those who took part also completed the 6-month follow-up. Therefore, a future larger trial was found to be possible, but some changes could be made to encourage more people to take part.

ISSN 1366-5278 (Print)

ISSN 2046-4924 (Online)

Impact factor: 3.819

Health Technology Assessment is indexed in MEDLINE, CINAHL, EMBASE, The Cochrane Library and the Clarivate Analytics Science Citation Index.

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This report

The research reported in this issue of the journal was funded by the HTA programme as project number 14/42/01. The contractual start date was in February 2016. The draft report began editorial review in February 2019 and was accepted for publication in May 2019. The authors have been wholly responsible for all data collection, analysis and interpretation, and for writing up their work. The HTA editors and publisher have tried to ensure the accuracy of the authors' report and would like to thank the reviewers for their constructive comments on the draft document. However, they do not accept liability for damages or losses arising from material published in this report.

This report presents independent research funded by the National Institute for Health Research (NIHR). The views and opinions expressed by authors in this publication are those of the authors and do not necessarily reflect those of the NHS, the NIHR, NETSCC, the HTA programme or the Department of Health and Social Care. If there are verbatim quotations included in this publication the views and opinions expressed by the interviewees are those of the interviewees and do not necessarily reflect those of the authors, those of the NHS, the NIHR, NETSCC, the HTA programme or the Department of Health and Social Care.

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