# Sexual health promotion in people with severe mental illness: the RESPECT feasibility RCT

Elizabeth Hughes, 1\* Natasha Mitchell, 2 Samantha Gascoyne, 2 Thirimon Moe-Byrne, 2 Amanda Edmondson, 1 Elizabeth Coleman, 2 Lottie Millett, 3 Shehzad Ali, 2 Ceri Dare, 4 Catherine Hewitt, 2 Sonia Johnson, 3 Carrie Llewellyn, 5 Catherine Mercer, 6 Fiona Nolan, 7 Charlotte Walker 4 and Judith Watson 2

**Declared competing interests of authors:** Catherine Hewitt reports being a member of the National Institute for Health Research Health Technology Assessment Commissioning Board.

Published December 2019

DOI: 10.3310/hta23650

## **Plain English summary**

### **RESPECT feasibility RCT**

Health Technology Assessment 2019; Vol. 23: No. 65

DOI: 10.3310/hta23650

NIHR Journals Library www.journalslibrary.nihr.ac.uk

<sup>&</sup>lt;sup>1</sup>Centre for Applied Research in Health, School of Human and Health Sciences, University of Huddersfield, Huddersfield, UK

<sup>&</sup>lt;sup>2</sup>Department of Health Sciences, University of York, York, UK

<sup>&</sup>lt;sup>3</sup>Division of Psychiatry, University College London, London, UK

<sup>&</sup>lt;sup>4</sup>Expert by experience, UK

<sup>&</sup>lt;sup>5</sup>Department of Primary Care and Public Health, University of Sussex, Brighton, UK

<sup>&</sup>lt;sup>6</sup>Institute for Global Health, University College London, London, UK

<sup>&</sup>lt;sup>7</sup>School of Health and Social Care, University of Essex, Colchester, UK

<sup>\*</sup>Corresponding author E.C.Hughes@leeds.ac.uk

# **Plain English summary**

A team of researchers, mental health and sexual health workers, and people with lived experience of mental health problems developed an intervention to help people with serious mental health problems to increase their knowledge and understanding of sexual health, including types of contraception, using condoms safely and sexually transmitted infections, and to consider safety and assertiveness in intimate relationships. This was delivered over three sessions of 1 hour by a specifically trained mental health worker. We recruited 72 people from community mental health services to take part in a study to test the intervention and see whether or not we could collect information about their sexual behaviour using questionnaires.

Initially, the numbers of people volunteering for the study were very small. We found that recruitment increased when we shifted to a more direct approach (rather than asking clinical staff to promote the study to people on their caseloads). The direct approach included talking to people who use services directly in clinics and at service user events, and by sending study information by post. We were not able to recruit the numbers that we aimed to (72/100 participants) in the timescale of the study, but the majority of the people who were recruited actively participated in the trial and were generally happy to attend follow-up appointments to complete more questionnaires. Most of those who were allocated to the intervention attended all three sessions.

Overall, people found that being a participant of the study was comfortable and safe (acceptable) and we found that it was possible to undertake this type of study within mental health services. We have learnt a lot about how we could run this study on a larger scale. Such a study would allow us to see if the intervention makes a difference to sexual behaviour and increases access to sexual health services for people with serious mental illness.

#### HTA/HTA TAR

## **Health Technology Assessment**

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

This journal is a member of and subscribes to the principles of the Committee on Publication Ethics (COPE) (www.publicationethics.org/).

Editorial contact: journals.library@nihr.ac.uk

The full HTA archive is freely available to view online at www.journalslibrary.nihr.ac.uk/hta. Print-on-demand copies can be purchased from the report pages of the NIHR Journals Library website: www.journalslibrary.nihr.ac.uk

#### Criteria for inclusion in the Health Technology Assessment journal

Reports are published in *Health Technology Assessment* (HTA) if (1) they have resulted from work for the HTA programme, and (2) they are of a sufficiently high scientific quality as assessed by the reviewers and editors.

Reviews in *Health Technology Assessment* are termed 'systematic' when the account of the search appraisal and synthesis methods (to minimise biases and random errors) would, in theory, permit the replication of the review by others.

#### HTA programme

Health Technology Assessment (HTA) research is undertaken where some evidence already exists to show that a technology can be effective and this needs to be compared to the current standard intervention to see which works best. Research can evaluate any intervention used in the treatment, prevention or diagnosis of disease, provided the study outcomes lead to findings that have the potential to be of direct benefit to NHS patients. Technologies in this context mean any method used to promote health; prevent and treat disease; and improve rehabilitation or long-term care. They are not confined to new drugs and include any intervention used in the treatment, prevention or diagnosis of disease.

The journal is indexed in NHS Evidence via its abstracts included in MEDLINE and its Technology Assessment Reports inform National Institute for Health and Care Excellence (NICE) guidance. HTA research is also an important source of evidence for National Screening Committee (NSC) policy decisions.

#### This report

The research reported in this issue of the journal was funded by the HTA programme as project number 14/172/01. The contractual start date was in February 2016. The draft report began editorial review in August 2018 and was accepted for publication in January 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.

© Queen's Printer and Controller of HMSO 2019. This work was produced by Hughes et al. under the terms of a commissioning contract issued by the Secretary of State for Health and Social Care. This issue may be freely reproduced for the purposes of private research and study and extracts (or indeed, the full report) may be included in professional journals provided that suitable acknowledgement is made and the reproduction is not associated with any form of advertising. Applications for commercial reproduction should be addressed to: NIHR Journals Library, National Institute for Health Research, Evaluation, Trials and Studies Coordinating Centre, Alpha House, University of Southampton Science Park, Southampton SO16 7NS, UK.

Published by the NIHR Journals Library (www.journalslibrary.nihr.ac.uk), produced by Prepress Projects Ltd, Perth, Scotland (www.prepress-projects.co.uk).

#### **NIHR Journals Library Editor-in-Chief**

Professor Ken Stein Professor of Public Health, University of Exeter Medical School, UK

#### **NIHR Journals Library Editors**

**Professor John Powell** Chair of HTA and EME Editorial Board and Editor-in-Chief of HTA and EME journals. Consultant Clinical Adviser, National Institute for Health and Care Excellence (NICE), UK, and Senior Clinical Researcher, Nuffield Department of Primary Care Health Sciences, University of Oxford, UK

**Professor Andrée Le May** Chair of NIHR Journals Library Editorial Group (HS&DR, PGfAR, PHR journals) and Editor-in-Chief of HS&DR, PGfAR, PHR journals

**Professor Matthias Beck** Professor of Management, Cork University Business School, Department of Management and Marketing, University College Cork, Ireland

Dr Tessa Crilly Director, Crystal Blue Consulting Ltd, UK

Dr Eugenia Cronin Senior Scientific Advisor, Wessex Institute, UK

Dr Peter Davidson Consultant Advisor, Wessex Institute, University of Southampton, UK

Ms Tara Lamont Director, NIHR Dissemination Centre, UK

**Dr Catriona McDaid** Senior Research Fellow, York Trials Unit, Department of Health Sciences, University of York, UK

Professor William McGuire Professor of Child Health, Hull York Medical School, University of York, UK

Professor Geoffrey Meads Professor of Wellbeing Research, University of Winchester, UK

Professor John Norrie Chair in Medical Statistics, University of Edinburgh, UK

**Professor James Raftery** Professor of Health Technology Assessment, Wessex Institute, Faculty of Medicine, University of Southampton, UK

Dr Rob Riemsma Reviews Manager, Kleijnen Systematic Reviews Ltd, UK

Professor Helen Roberts Professor of Child Health Research, UCL Great Ormond Street Institute of Child Health, UK

Professor Jonathan Ross Professor of Sexual Health and HIV, University Hospital Birmingham, UK

**Professor Helen Snooks** Professor of Health Services Research, Institute of Life Science, College of Medicine, Swansea University, UK

Professor Ken Stein Professor of Public Health, University of Exeter Medical School, UK

**Professor Jim Thornton** Professor of Obstetrics and Gynaecology, Faculty of Medicine and Health Sciences, University of Nottingham, UK

**Professor Martin Underwood** Warwick Clinical Trials Unit, Warwick Medical School, University of Warwick, UK

Please visit the website for a list of editors: www.journalslibrary.nihr.ac.uk/about/editors

Editorial contact: journals.library@nihr.ac.uk