Developing and piloting a peer mentoring intervention to reduce teenage pregnancy in looked-after children and care leavers: an exploratory randomised controlled trial

Gillian Mezey, 1* Deborah Meyer, 1 Fiona Robinson, 1 Chris Bonell, 2 Rona Campbell, 3 Steve Gillard, 1 Peter Jordan, 4 Nadia Mantovani, 1 Kaye Wellings 5 and Sarah White 1

- ¹Division of Population, Health Sciences and Education, St George's, University of London, London, UK
- ²Social Science Research Unit, Faculty of Children and Learning, Institute of Education, London, UK
- ³School of Social and Community Medicine, University of Bristol, Bristol, UK ⁴Peter Jordan Associates, London, UK
- ⁵Department of Health Services Research and Policy, Faculty of Public Health and Policy, London School of Hygiene and Tropical Medicine, London, UK

Declared competing interests of authors: Rona Campbell receives personal fees from the Wellcome Trust for work as a member of an Expert Review Group. She is also Director of DECIPHer Impact Limited, a not-for-profit company that is wholly owned by the University of Bristol and Cardiff University.

Published October 2015 DOI: 10.3310/hta19850

Plain English summary

Reduce teenage pregnancy in LAC and care leavers

Health Technology Assessment 2015; Vol. 19: No. 85

DOI: 10.3310/hta19850

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

^{*}Corresponding author

Plain English summary

We developed a peer mentoring programme for young people aged 14–18 years who are in care. The mentors were young people aged 19–25 years who also had experience of the care system. The main aim was to explore whether this intervention could be effective in reducing teenage pregnancy rates in this group.

The mentor was required to meet with their mentee on a regular basis to offer support and deliver information around sexual relationships. All mentors were trained and received support throughout the intervention. The intervention was designed to last for 1 year but most relationships ended prematurely.

We intended to recruit 48 young people aged 14–18 years across three local authorities; however, only 26 were recruited. Interviews were conducted with mentors and mentees at the beginning of the study and 1 year later. We also conducted interviews, focus groups and surveys with young people and social care professionals to explore views on the intervention and reasons for low recruitment. We found that local authorities experienced difficulties managing the intervention and social workers often excluded young people from participating.

There was some indication of increased self-esteem and improved decision-making in mentees. Mentors also reported improved confidence. However, more support would need to be provided to mentors in any future trial.

Given the small numbers we are unable to assess the impact of the intervention on teenage pregnancy rates. Although a full trial cannot be recommended, a further small-scale exploratory study incorporating the recommendations from this trial would be feasible.

HTA/HTA TAR

Health Technology Assessment

ISSN 1366-5278 (Print)

ISSN 2046-4924 (Online)

Impact factor: 5.116

Health Technology Assessment is indexed in MEDLINE, CINAHL, EMBASE, The Cochrane Library and the ISI 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: nihredit@southampton.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

The HTA programme, part of the National Institute for Health Research (NIHR), was set up in 1993. It produces high-quality research information on the effectiveness, costs and broader impact of health technologies for those who use, manage and provide care in the NHS. 'Health technologies' are broadly defined as all interventions used to promote health, prevent and treat disease, and improve rehabilitation and long-term care.

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.

For more information about the HTA programme please visit the website: http://www.nets.nihr.ac.uk/programmes/hta

This report

The research reported in this issue of the journal was funded by the HTA programme as project number 08/20/03. The contractual start date was in March 2011. The draft report began editorial review in January 2014 and was accepted for publication in August 2014. 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. 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.

© Queen's Printer and Controller of HMSO 2015. This work was produced by Mezey et al. under the terms of a commissioning contract issued by the Secretary of State for Health. 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).

Editor-in-Chief of Health Technology Assessment and NIHR Journals Library

Professor Tom Walley Director, NIHR Evaluation, Trials and Studies and Director of the HTA Programme, UK

NIHR Journals Library Editors

Professor Ken Stein Chair of HTA Editorial Board and Professor of Public Health, University of Exeter Medical School. UK

Professor Andree Le May Chair of NIHR Journals Library Editorial Group (EME, HS&DR, PGfAR, PHR journals)

Dr Martin Ashton-Key Consultant in Public Health Medicine/Consultant Advisor, NETSCC, UK

Professor Matthias Beck Chair in Public Sector Management and Subject Leader (Management Group), Queen's University Management School, Queen's University Belfast, UK

Professor Aileen Clarke Professor of Public Health and Health Services Research, Warwick Medical School, University of Warwick, UK

Dr Tessa Crilly Director, Crystal Blue Consulting Ltd, UK

Dr Peter Davidson Director of NETSCC, HTA, UK

Ms Tara Lamont Scientific Advisor, NETSCC, UK

Professor Elaine McColl Director, Newcastle Clinical Trials Unit, Institute of Health and Society, Newcastle University, UK

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

Professor Geoffrey Meads Professor of Health Sciences Research, Faculty of Education, University of Winchester, UK

Professor John Norrie Health Services Research Unit, University of Aberdeen, UK

Professor John Powell Consultant Clinical Adviser, National Institute for Health and Care Excellence (NICE), 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 Institute of Child Health, UK

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

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

Please visit the website for a list of members of the NIHR Journals Library Board: www.journalslibrary.nihr.ac.uk/about/editors

Editorial contact: nihredit@southampton.ac.uk