A modified video-feedback intervention for carers of foster children aged 6 years and under with reactive attachment disorder: a feasibility study and pilot RCT

Paula Oliveira,^{1,2*} Eloise Stevens,^{1,2} Lydia Barge,^{1,2} Julie Comyn,¹ Kirsty Langley,¹ Paul Ramchandani,³ Barry Wright,⁴ Matt Woolgar,^{5,6} Eilis Kennedy,⁷ Sarah Byford,⁶ James Shearer,⁶ Stephen Scott,⁶ Jane Barlow,⁸ Danya Glaser,¹ Rob Senior,⁷ Peter Fonagy^{1,2} and Pasco Fearon^{1,2}

Declared competing interests of authors: none

Published August 2022 DOI: 10.3310/SLIZ1119

Plain English summary

Video-feedback intervention for carers of foster children Health Technology Assessment 2022: Vol. 26: No. 35

DOI: 10.3310/SLIZ1119

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

¹Research Department of Clinical, Educational and Health Psychology, University College London, London, UK

²Anna Freud National Centre for Children and Families, London, UK

³Faculty of Education, University of Cambridge, Cambridge, UK

⁴Department of Health Sciences, University of York, York, UK

⁵National Adoption & Fostering Service, South London and Maudsley NHS Foundation Trust, London, UK

⁶Institute of Psychiatry, Psychology & Neuroscience, King's College London, London, UK

⁷Research and Development Unit, Tavistock and Portman NHS Foundation Trust, London, UK

⁸Department of Social Policy and Intervention, University of Oxford, Oxford, UK

^{*}Corresponding author paula.oliveira@annafreud.org

Plain English summary

C hildren in foster care typically have had a very difficult start in life, often as a result of abuse or neglect within their family of origin, and separation from caregivers. These children can find it difficult to trust new adults, and in some cases difficulties in attachment may justify a diagnosis of reactive attachment disorder. This disorder is a pattern of behaviour among young children who have received extremely insufficient early care, whereby they fail to seek or respond to comfort from carers when hurt or distressed, and they can be very withdrawn. There are currently no evidence-based treatments for reactive attachment disorder.

The Video-feedback Intervention to promote Positive Parenting and Sensitive Discipline is a treatment programme that was developed to promote secure attachments in young children and to help parents deal with difficult behaviour. A practitioner films the child and parent interacting at home and provides feedback in the following session. This treatment was previously adapted for use in foster care in the Netherlands. In this study, we modified the treatment further to ensure that it appropriately addressed the needs of young children in foster care in the UK who present with reactive attachment disorder symptoms. We then worked with local authorities and linked mental health services to develop a system for identifying young children in foster care in need of this treatment. Finally, we conducted a small (pilot) study to gather information about the best way to provide the modified treatment in this context. The revised treatment was positively received by practitioners and foster carers. The majority of the processes involved in running a trial also worked well (e.g. good levels of attendance at assessments and at the treatment sessions). However, we encountered significant difficulties in recruiting foster carers to the study. We concluded that a full-scale trial would be very valuable, and could potentially be undertaken if difficulties with recruitment are overcome. We recommend that greater resources be provided to local authorities to help them engage and recruit foster carers.

Health Technology Assessment

ISSN 1366-5278 (Print)

ISSN 2046-4924 (Online)

Impact factor: 4.014

Launched in 1997, *Health Technology Assessment* (HTA) has an impact factor of 4.014 and is ranked 27th (out of 108 titles) in the 'Health Care Sciences & Services' category of the Clarivate 2021 Journal Citation Reports (Science Edition). It is also indexed by MEDLINE, CINAHL (EBSCO Information Services, Ipswich, MA, USA), Embase (Elsevier, Amsterdam, the Netherlands), NCBI Bookshelf, DOAJ, Europe PMC, the Cochrane Library (John Wiley & Sons, Inc., Hoboken, NJ, USA), INAHTA, the British Nursing Index (ProQuest LLC, Ann Arbor, MI, USA), Ulrichsweb™ (ProQuest LLC, Ann Arbor, MI, USA) and the Science Citation Index Expanded™ (Clarivate™, Philadelphia, PA, USA).

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.

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 15/118/01. The contractual start date was in March 2017. The draft report began editorial review in March 2020 and was accepted for publication in December 2020. 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 and Care 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, 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, the HTA programme or the Department of Health and Social Care.

Copyright © 2022 Oliveira et al. This work was produced by Oliveira et al. under the terms of a commissioning contract issued by the Secretary of State for Health and Social Care. This is an Open Access publication distributed under the terms of the Creative Commons Attribution CC BY 4.0 licence, which permits unrestricted use, distribution, reproduction and adaption in any medium and for any purpose provided that it is properly attributed. See: https://creativecommons.org/licenses/by/4.0/. For attribution the title, original author(s), the publication source – NIHR Journals Library, and the DOI of the publication must be cited.

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 Consultant Clinical Adviser, National Institute for Health and Care Excellence (NICE), UK, and Professor of Digital Health Care, Nuffield Department of Primary Care Health Sciences, University of Oxford, UK

Professor Andrée Le May Chair of NIHR Journals Library Editorial Group (HSDR, PGfAR, PHR journals) and Editor-in-Chief of HSDR, 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 Consultant in Public Health, Delta Public Health Consulting Ltd, UK

Dr Peter Davidson Interim Chair of HTA and EME Editorial Board. Consultant Advisor, School of Healthcare Enterprise and Innovation, University of Southampton, UK

Ms Tara Lamont Senior Adviser, School of Healthcare Enterprise and Innovation, University of Southampton, UK

Dr Catriona McDaid Reader in Trials, 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 Emeritus Professor of Wellbeing Research, University of Winchester, UK

Professor James Raftery Professor of Health Technology Assessment, School of Healthcare Enterprise and Innovation, University of Southampton, UK

Dr Rob Riemsma Consultant Advisor, School of Healthcare Enterprise and Innovation, University of Southampton, UK

Professor Helen Roberts Professor of Child Health Research, Child and Adolescent Mental Health, Palliative Care and Paediatrics Unit, Population Policy and Practice Programme, UCL Great Ormond Street Institute of Child Health, London, 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

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

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