## Acceptance and commitment therapy for older people with treatment-resistant generalised anxiety disorder: the FACTOID feasibility study

Rebecca L Gould,<sup>1\*</sup> Julie Loebach Wetherell,<sup>2</sup> Marc A Serfaty,<sup>1</sup> Kate Kimona,<sup>1</sup> Vanessa Lawrence,<sup>3</sup> Rebecca Jones,<sup>1</sup> Gill Livingston,<sup>1</sup> Philip Wilkinson,<sup>4</sup> Kate Walters,<sup>5</sup> Marie Le Novere<sup>5</sup> and Robert J Howard<sup>1</sup>

<sup>1</sup>Division of Psychiatry, Faculty of Brain Sciences, University College London, London, UK

<sup>2</sup>Department of Psychiatry, VA San Diego Healthcare System, University of California San Diego, La Jolla, CA, USA

- <sup>3</sup>Health Services & Population Research Department, Institute of Psychiatry,
- Psychology & Neuroscience, King's College London, London, UK
- <sup>4</sup>Department of Psychiatry, University of Oxford, Oxford, UK
- <sup>5</sup>Department of Primary Care and Population Health, University College London, London, UK

\*Corresponding author r.gould@ucl.ac.uk

Declared competing interests of authors: Rebecca L Gould reports current funding from the National Institute for Health Research (NIHR) Health Technology Assessment (HTA) programme (16/155/01 and 16/81/01) and NIHR Research for Patient Benefit (RfPB) programme (PB-PG-0418-20001) and is an associate member of the NIHR HTA General Board (2018 to present). Marc A Serfaty reports current funding from the NIHR HTA programme (16/81/01) and the NIHR Public Health Research (PHR) programme (13/164/32) and is a member of the NIHR HTA General Board (2016 to present). Vanessa Lawrence reports current funding from the NIHR HTA programme (16/155/01, 16/81/01, 17/32/04 and 17/123/03) and NIHR Programme Grants for Applied Research (PGfAR) programme (NIHR200605). Rebecca Jones reports current funding from the NIHR HTA programme (NIHR129175). Gill Livingston reports current funding from the NIHR HTA programme (16/155/01, NIHR128761 and 13/115/76) and is a member of the NIHR Advanced Fellowship Board (2018 to present). Philip Wilkinson reports current funding from the NIHR HTA programme (16/155/01). Kate Walters reports current funding from the NIHR HTA programme (NIHR128334 and NIHR127905), NIHR PGfAR programme (RP-PG-1016-20001), the Economic and Social Research Council (ESRC)/NIHR (ES/S010408/1), NIHR School for Public Health Research (SPHR) programme, NIHR Applied Research Collaboration programme (North Thames and York Humber) and NIHR School for Public Health Research Public Mental Health (SPHR PMH) programme. Robert J Howard reports current funding from the NIHR HTA programme (16/155/01 and 16/81/01).

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

Published September 2021 DOI: 10.3310/hta25540

# **Plain English summary**

## The FACTOID feasibility study

Health Technology Assessment 2021; Vol. 25: No. 54 DOI: 10.3310/hta25540

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

# **Plain English summary**

G eneralised anxiety disorder, characterised by a tendency to worry, is the most common anxiety disorder among older people. Those with this condition may experience other difficulties, including increased distress and disability, poorer coping and reduced quality of life. Medication and talking therapy are usually offered as forms of treatment, but many do not find them helpful. Guidance is lacking on how to help older people manage generalised anxiety disorder when it does not respond to such treatments.

We developed a 16-session intervention specifically for older people with treatment-resistant generalised anxiety disorder. This was based on acceptance and commitment therapy: a form of talking therapy that helps people to learn how to best live with distressing experiences while still doing things that really matter to them. It may be particularly suited to older people because many older people experience difficulties with chronic ill health and other problems that cannot be easily improved with conventional talking therapies.

We developed our intervention by asking 15 older people about their experiences of treatmentresistant generalised anxiety disorder and treatments they have received for it, as well as what might help or hinder their engagement with talking therapy. We combined their guidance with advice from 36 clinicians to ensure that our intervention was tailored to the needs of this population. We then asked the same 15 older people, our Service User Advisory Group and academic clinicians about how we could optimise our intervention. We also conducted an online survey of service users and clinicians to clarify what care older people with generalised anxiety disorder are typically offered and receive.

We tested how acceptable our intervention was to 37 older people with treatment-resistant generalised anxiety disorder, and how feasible it was to deliver within the NHS. We found evidence that it was acceptable to participants, that it could be delivered within the NHS and that its value for money could be tested in a larger study. We also found evidence suggestive of improvements in anxiety, depression and coping.

There were some limitations of our study. However, overall, our results suggest that we should conduct a larger study to find out whether or not our intervention is helpful for older people with treatmentresistant generalised anxiety disorder.

### **Health Technology Assessment**

ISSN 1366-5278 (Print)

ISSN 2046-4924 (Online)

Impact factor: 4.014

Health Technology Assessment is indexed in MEDLINE, CINAHL, EMBASE, the Cochrane Library and 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 15/161/05. The contractual start date was in May 2017. The draft report began editorial review in December 2019 and was accepted for publication in August 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 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.

© 2021 Gould *et al.* This work was produced by Gould *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** 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 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 (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 Senior Scientific Adviser (Evidence Use), Wessex Institute, University of Southampton, 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 Emeritus Professor of Wellbeing Research, University of Winchester, 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

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

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