Respite care and short breaks for young adults aged 18–40 with complex health-care needs: mixed-methods systematic review and conceptual framework development

Katherine Knighting,^{1,2*} Gerlinde Pilkington,^{1,2} Jane Noyes,³ Brenda Roe,^{1,2} Michelle Maden,⁴ Lucy Bray,^{1,2} Barbara Jack,^{1,2} Mary O'Brien,^{1,2} Julia Downing,⁵ Céu Mateus⁶ and Sally Spencer^{1,2}

Declared competing interests of authors: Katherine Knighting was lead researcher and co-author on some of the work quoted in the report. Jane Noyes was lead researcher and co-author on some of the work quoted in the report. In addition, Jane Noyes is a member of the joint research group of Together for Short Lives (Bristol, UK) and the Association for Paediatric Palliative Care Medicine (2011–present), which lobbies for evidence-informed research prioritisation and well-conducted research to be undertaken with the target population. Jane Noyes was also a member of the NIHR Dissemination Centre Advisory Group (2015–19). Lucy Bray was a researcher and co-author on some of the work quoted in the report. Barbara Jack was a researcher and co-author on some of the work quoted in the report. Julia Downing was a researcher and co-author on some of the work quoted in the report.

Published February 2021 DOI: 10.3310/hsdr09060

Plain English summary

Respite care for young adults with complex health-care needs Health Services and Delivery Research 2021; Vol. 9: No. 6

DOI: 10.3310/hsdr09060

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

¹Faculty of Health, Social Care and Medicine, Edge Hill University, Ormskirk, UK

²Health Research Institute, Edge Hill University, Ormskirk, UK

³School of Health Sciences, Bangor University, Bangor, UK

⁴Liverpool Reviews and Implementation Group, University of Liverpool, Liverpool, UK

⁵International Children's Palliative Care Network, Edge Hill University, Ormskirk, UK

⁶Faculty of Health and Medicine, Lancaster University, Lancaster, UK

^{*}Corresponding author knightk@edgehill.ac.uk

Plain English summary

Young adults with life-limiting conditions or complex physical disabilities have complex health-care needs. As more children with complex conditions now survive into adulthood, the number of young adults needing care has risen significantly. Respite care provides essential support for young adults and a break for their families. Lack of respite has a negative impact on the length and quality of life of these young adults, including early death, and physical and emotional strain on ageing parents. Information about what respite care is available after transition to adult services has, to the best of our knowledge, not been gathered nationally.

We looked for evidence about respite care services for young adults aged 18–40 years with complex health-care needs to find out what types of services are available and how well they work for families. We worked with young adults, parents and professionals to identify evidence and understand the findings.

We gathered evidence from lots of sources, including academic papers, reports from organisations and policy documents. We created a 'knowledge map' that describes six different categories of respite care currently available: (1) residential, (2) home based, (3) day care, (4) community, leisure and social activities, (5) holidays and (6) emergency respite. None of the documents we found included ratings of how well the services worked or the costs of providing the service, showing that these are areas where future research is needed.

UK government policy had clear intentions on how to provide respite care, including early planning for transition and making respite care available to all those who need it. Young adults, parents and professionals reported that safe, age-appropriate respite care has many benefits for the physical and emotional well-being of all. The biggest barrier to respite after transition to adult services is the lack of appropriate respite services and trained staff. This has a negative effect on the health and well-being of the whole family at a time when they had increasing need for respite care.

Health Services and Delivery Research

ISSN 2050-4349 (Print)

ISSN 2050-4357 (Online)

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 HS&DR archive is freely available to view online at www.journalslibrary.nihr.ac.uk/hsdr. 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 Services and Delivery Research journal

Reports are published in *Health Services and Delivery Research* (HS&DR) if (1) they have resulted from work for the HS&DR programme, and (2) they are of a sufficiently high scientific quality as assessed by the reviewers and editors.

HS&DR programme

The HS&DR programme funds research to produce evidence to impact on the quality, accessibility and organisation of health and social care services. This includes evaluations of how the NHS and social care might improve delivery of services.

For more information about the HS&DR programme please visit the website at https://www.nihr.ac.uk/explore-nihr/funding-programmes/health-services-and-delivery-research.htm

This report

The research reported in this issue of the journal was funded by the HS&DR programme or one of its preceding programmes as project number 16/115/17. The contractual start date was in February 2018. The final report began editorial review in March 2020 and was accepted for publication in October 2020. The authors have been wholly responsible for all data collection, analysis and interpretation, and for writing up their work. The HS&DR editors and production house have tried to ensure the accuracy of the authors' report and would like to thank the reviewers for their constructive comments on the final report 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 HS&DR 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 HS&DR programme or the Department of Health and Social Care.

© Queen's Printer and Controller of HMSO 2021. This work was produced by Knighting *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 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