

Critical time Intervention for Severely mentally ill Prisoners (CrISP): a randomised controlled trial

Jenny Shaw,¹ Sarah Conover,² Dan Herman,² Manuela Jarrett,³ Morven Leese,³ Paul McCrone,³ Caroline Murphy,⁴ Jane Senior,^{1*} Ezra Susser,^{5,6} Graham Thornicroft,³ Nat Wright,⁷ Dawn Edge,⁸ Richard Emsley,⁹ Charlotte Lennox,¹ Alyson Williams,¹ Henry Cust,³ Gareth Hopkin³ and Caroline Stevenson¹

¹Offender Health Research Network, Division of Psychology and Mental Health, Faculty of Biology, Medicine and Health, University of Manchester, Manchester, UK

²Hunter College, Silberman School of Social Work, New York, NY, USA

³Institute of Psychiatry, Psychology and Neuroscience, King's College London, London, UK

⁴King's Clinical Trials Unit, Institute of Psychiatry, Psychology and Neuroscience, King's College London, London, UK

⁵Department of Epidemiology and Psychiatry, Columbia University New York, New York, NY, USA

⁶New York State Psychiatric Institute, New York, NY, USA

⁷Transform Research Alliance, Spectrum Community Interest Company, Wakefield, UK

⁸Division of Psychology and Mental Health, Faculty of Biology, Medicine and Health, University of Manchester, Manchester, UK

⁹Centre for Biostatistics, School of Health Sciences, Faculty of Biology, Medicine and Health, University of Manchester, Manchester Academic Health Science Centre, Manchester, UK

*Corresponding author

Declared competing interests of authors: Nat Wright is a member of the National Institute for Health Research Health Technology Assessment programme mental, psychological and occupational health panel.

Published February 2017

DOI: 10.3310/hsdr05080

Plain English summary

Critical time Intervention for Severely mentally ill Prisoners (CrISP)

Health Services and Delivery Research 2017; Vol. 5: No. 8

DOI: 10.3310/hsdr05080

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

Plain English summary

Many people in prison have long-term mental health problems. Mental health in-reach teams provide similar treatment and care in prison to that delivered by community mental health teams to the general public, but few people make contact with mental health services on release. Many people become unwell again and may commit further crimes. We investigated whether or not an intensive model of care, known as critical time intervention, started in prison and continued on release helped people to keep contact with mental health services in the long term. The intervention involves detailed assessment and planning for services needed after release, and help with sorting out housing/money issues and contacting family.

One hundred and fifty adult men with severe mental illness in prison took part. Half of the men received the new intervention, and the other half received the treatment that prison mental health workers usually offer. At 6 weeks and 6 and 12 months, we checked whether or not the participants were still in touch with community mental health services.

Those receiving the new intervention were more likely to have contact with mental health services at the 6-week and 6-month checks, but not at the 12-month check. This is positive because, in the time immediately following release, recently released individuals are at especially high risk of suicide or drug overdose. Staff and patients involved in the intervention were very positive about it; however, it was a more expensive way of supporting people. Further studies are needed to see if the intervention can help stop people committing crimes and whether or not it would work for other types of prisoners, for example women and young people.

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: nihredit@southampton.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 or programmes which preceded 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 Health Services and Delivery Research (HS&DR) programme, part of the National Institute for Health Research (NIHR), was established to fund a broad range of research. It combines the strengths and contributions of two previous NIHR research programmes: the Health Services Research (HSR) programme and the Service Delivery and Organisation (SDO) programme, which were merged in January 2012.

The HS&DR programme aims to produce rigorous and relevant evidence on the quality, access and organisation of health services including costs and outcomes, as well as research on implementation. The programme will enhance the strategic focus on research that matters to the NHS and is keen to support ambitious evaluative research to improve health services.

For more information about the HS&DR programme please visit the website: <http://www.nets.nihr.ac.uk/programmes/hsdr>

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 09/1004/15. The contractual start date was in January 2012. The final report began editorial review in February 2016 and was accepted for publication in July 2016. 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. 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.

© Queen's Printer and Controller of HMSO 2017. This work was produced by Shaw *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).

Health Services and Delivery Research Editor-in-Chief

Professor Jo Rycroft-Malone Professor of Health Services and Implementation Research, Bangor University, UK

NIHR Journals Library Editor-in-Chief

Professor Tom Walley Director, NIHR Evaluation, Trials and Studies and Director of the EME 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 Eugenia Cronin Senior Scientific Advisor, Wessex Institute, UK

Ms Tara Lamont Scientific Advisor, NETSCC, UK

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

Professor Geoffrey Meads Professor of Health Sciences Research, Health and Wellbeing Research Group, University of Winchester, UK

Professor John Norrie Chair in Medical Statistics, University of Edinburgh, 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 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 Jim Thornton Professor of Obstetrics and Gynaecology, Faculty of Medicine and Health Sciences, University of Nottingham, UK

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