Towards improved decision support in the assessment and management of pain for people with dementia in hospital: a systematic meta-review and observational study

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Declared competing interests of authors: Claire Hulme is a member of the National Institute for Health Research Health Technology Assessment Commissioning Board.

Published October 2016
DOI: 10.3310/hsdr04300
Plain English summary

Assessment and management of pain for people with dementia
Health Services and Delivery Research 2016; Vol. 4: No. 30
DOI: 10.3310/hsdr04300

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Plain English summary

It is difficult for people with dementia to communicate their pain to health-care professionals. Pain often has damaging effects on mental and physical health, and research has shown that pain is often poorly managed in people with dementia in hospital.

We aimed to develop a new system that would help staff to manage pain. To this end, we first identified any accurate and reliable pain assessment tools available for use with hospital patients who have dementia. We then explored how pain is currently recognised, assessed and managed in people with dementia in four hospitals in England and Scotland.

We found 28 pain assessment tools which had been reviewed, but none had been tested rigorously. Seven had potentially useful features, but no single tool could be recommended for wider use. The 11 hospital wards studied were all different, with their own complex pain assessment and management practices. Information from different staff and carers was produced at different times and in different formats, and was recorded in separate documents. This information was mentally pulled together into an ‘overall picture’ of pain by each staff member for each individual patient.

We suggest developing a combined education package and electronic health record, the Pain And Dementia Decision Support (PADDS) intervention, to help staff recognise, assess and manage pain. This should incorporate carer input, staff narratives, pain histories, intensity assessments, medication and other interventions provided, and present an overall picture of pain in an integrated and easily accessible visual format. This will require thorough development and testing.
Health Services and Delivery Research

ISSN 2050-4349 (Print)
ISSN 2050-4357 (Online)

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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 11/2000/05. The contractual start date was in October 2012. The final report began editorial review in October 2015 and was accepted for publication in March 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.

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