A brief behavioural intervention to promote regular self-weighing to prevent weight regain after weight loss: a RCT

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Declared competing interests of authors: Kate Jolly was an investigator on a trial in which the weight loss intervention was donated to the NHS by Slimming World® (Alfreton, UK; www.slimmingworld.co.uk) and Rosemary Conley Health and Fitness Clubs (Tharston, UK; www.rosemaryconley.com). Paul Aveyard reports grants from Weight Watchers® (Maidenhead, UK; www.weightwatchers.com/uk) and Cambridge Weight Plan® (Cambridge Weight Plan Ltd, Corby, UK) and non-financial support from Slimming World, Weight Watchers and Rosemary Conley Health and Fitness Clubs, outside the submitted work.

Published April 2019
DOI: 10.3310/phr07070

Plain English summary

RCT intervention preventing weight regain

Public Health Research 2019; Vol. 7: No. 7
DOI: 10.3310/phr07070

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Most people who lose weight will put this weight back on within 2 years. Maintaining weight loss will reduce the chances of developing conditions such as diabetes mellitus, heart disease and cancer, to which people who are overweight are more prone. We evaluated an intervention to help people keep off the weight they had lost after they had completed a weight loss programme such as Weight Watchers® (Maidenhead, UK; www.weightwatchers.com/uk) or Slimming World® (Alfreton, UK; www.slimmingworld.co.uk). A total of 583 adults were recruited to the study, all of whom had lost at least 5% of their weight after attending a weight loss programme. The participants were randomly allocated to one of two groups: an intervention group or a usual-care group. The intervention group participants received three telephone calls over 12 weeks that encouraged them to set a weight target, weigh themselves every day and record their weight on a record card. They also received regular text messages encouraging them to weigh themselves each day. The usual-care group received leaflets about following a healthy lifestyle. Participants in both groups were weighed at the start of the study and at 3 and 12 months later, and also completed questionnaires about their health. Both groups on average did not change their weight and there was no evidence that the intervention helped people maintain their weight loss. It is possible that the intervention was too brief to change people’s lifestyle behaviours. More research is needed to find ways of stopping people gaining the weight that they have lost so that their long-term health can be improved.
Public Health Research

ISSN 2050-4381 (Print)
ISSN 2050-439X (Online)

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

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This report

The research reported in this issue of the journal was funded by the PHR programme as project number 12/179/09. The contractual start date was in June 2014. The final report began editorial review in June 2017 and was accepted for publication in October 2017. The authors have been wholly responsible for all data collection, analysis and interpretation, and for writing up their work. The PHR 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 PHR 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 PHR programme or the Department of Health and Social Care.

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