

# Older People's Essential Nutrition (OPEN) Toolkit

## Introduction

Malnutrition is a huge public health problem, which currently affects more than 3 million people in the UK<sup>1</sup>. As the number of people aged 65 and over is projected to rise by almost 50% in the next 20 years<sup>2</sup>, it's a problem that cannot be ignored. Studies showing that whilst 1 in 10 people over 65 living in the community are malnourished or at risk of malnutrition<sup>3</sup>, 33% of hospital admissions and 37% of those who have recently moved to a care home are malnourished or at risk of malnutrition<sup>4</sup>.

Providing best practice nutrition and hydration care involves five key principles, which incorporate NICE's Nutrition support in adults quality standard (QS24) and clinical guidance (CG32)<sup>5</sup>. These are 1) raising awareness to prevent and treat malnutrition, 2) working together within and across organisations, 3) identifying malnutrition risk early using screening tools, 4) developing individualized care plans, and 5) monitoring and evaluating the impact of care on an individual's outcome.

Older People's Essential Nutrition (OPEN) is a project funded by the Wessex Academic Health Science Network (AHSN), with support from a range of stakeholders in the health, social care and voluntary sectors. The overall aim of this innovative project is to develop and evaluate an approach for the provision of good nutritional care for older people; by providing malnutrition awareness training and follow up support to a range of sectors to provide a collaborative and joined-up approach to tackling malnutrition in older people.

The Wessex AHSN has put together a toolkit as part of the project, with the aim of sharing the resources developed during the project with other organisations that may be planning similar training or initiatives. By using this toolkit in your area, you will be working towards best practice in malnutrition screening and providing good nutritional care across all care settings, as outlined in the key national guidance and standards which have been published over the last eight years<sup>6</sup>.

A multi-disciplinary approach has supported the development of the toolkit, and the toolkit has been endorsed by the British Dietetic Association (BDA).

This document has been designed as an overarching document for the whole toolkit, which has been uploaded online in different sections. The toolkit itself has been split into four main sections:

- a) Training packages for health, social care and voluntary sectors – a separate guidance document has been produced with information about how to use these
- b) Awareness materials; resources suitable for the general public
- c) Generic malnutrition care pathways, which can be adopted for your locality; localisation of the care pathways is required to ensure local flavour and adoption
- d) Evaluation framework

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<sup>1</sup> British Association for Parenteral and Enteral Nutrition (BAPEN) toolkit for commissioners and providers: 'Malnutrition Matters – Meeting Quality Standards in Nutritional Care' (2012)

<sup>2</sup> Office for National Statistics (2012); Age UK (2016)

<sup>3</sup> ENHA, BAPEN, ILC-UK – 'Malnutrition among older people in the community: policy Recommendations for Change' (2006)

<sup>4</sup> BAPEN Nutritional Screening Weeks (2007-2011)

<sup>5</sup> Malnutrition Task Force: "Malnutrition in later life: Prevention and Early Intervention" (2013)

<sup>6</sup> NICE Guidance on Nutrition Support (2006), CQC Outcome Standards; outcome 5 (2010), NICE Quality Standards for Nutrition (2012), BAPEN toolkit for commissioners and providers: 'Malnutrition Matters – Meeting Quality Standards in Nutritional Care' (2012), BAPEN 'Malnutrition Matters – a commitment to act' (2014)

## Training Packages

The Wessex AHSN have put together a range of training packages for use in health care (GP practices, pharmacies, occupational therapist and community nursing teams), social care and the voluntary sector. These consist of session plans, presentations, trainer information, trainee resources and activities, knowledge and session evaluations and follow up resources.

These training materials have been developed in conjunction with a range of professionals across the Wessex region. We would like to acknowledge and thank the following people and departments for their input on the development of the training packages:

- Emma Parsons, Lead Dietitian, Nutrition Programme, Wessex AHSN; Research Fellow, Southampton Biomedical Research Centre (BRC), University of Southampton
- Annemarie Aburrow, Dietitian, Nutrition Programme, Wessex AHSN
- Sue Green, Associate Professor, Health Sciences, University of Southampton
- Jane Murphy, Clinical Lead, Nutrition Programme, Wessex AHSN (from Jan 2016); Associate Professor, Health and Social Sciences, Bournemouth University
- Kathy Wallis, Senior Programme Manager, Nutrition Programme, Wessex AHSN
- Great Western Hospitals NHS Foundation Trust (Community Dietitians)
- Hampshire Hospitals NHS Foundation Trust (Dietetics Department)
- Health Education Wessex (Public Health Practitioner Development)
- NHS Frimley Health Foundation Trust (Dietetics Department)
- Portsmouth Hospitals (Dietetics Department)
- Southern Health NHS Foundation Trust
- University Hospitals Southampton NHS Foundation Trust (Dietetics Department)

## Awareness

The Wessex AHSN has developed some resources on malnutrition awareness. These are suitable to be used with both patients (alongside verbal advice) and the general public. The leaflet “Eating well, feeling good: Guidance if you are losing weight or underweight” and a suite for three visual posters (signs of malnutrition, signs of weight loss, tips for eating more) provide awareness on malnutrition, simple dietary advice, and information on where to go for help.

## Generic Malnutrition Care Pathways

Once a person has been screened for malnutrition, it’s essential to initiate an appropriate nutritional care pathway to ensure the person receives the appropriate advice, information and treatment to improve their overall nutrition and malnutrition risk. This includes the individualisation of nutritional care plans, communication of the care plans between relevant workforces, and ongoing review and care of each individual that covers the health, social care and voluntary sector workforces.

The care pathways developed for use with the OPEN project have now been adapted to make three generic care pathways. This means that you can use and adopt these pathways in your own localities, simply by making a few additions to make them local to you.

These care pathways were adapted from the pathways developed by the “Dorset Nutritional Care Partnership For Adults”. The Wessex AHSN would like to thank Sue Hawkins and her team for their kind input into the development and review of these pathways.

## Evaluation Toolkit

An evaluation toolkit has been developed to help you consider how to go about doing a robust evaluation of an intervention to address aspects of malnutrition and also to help you build and create your own bespoke evaluation. This will ensure that initiatives around malnutrition can provide evidence based data to provide guidance on the appropriate continuation of the initiative.

We would like to acknowledge and thank the following people for their input on the development of the evaluation framework:

- Jenny Davies, Clinical Lead, Nutrition Programme, Wessex AHSN (until Oct 2015); Senior Specialist in Public Health, Southampton City Council;
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- Rhiannon Jones, Dietitian, Nutrition Programme, Wessex AHSN (until Jan 2016)
- Annemarie Aburrow, Dietitian, Nutrition Programme, Wessex AHSN (from Jan 2016)
- Jacqueline Landman, Senior Teaching Fellow, HDH, Faculty of Medicine, University of Southampton
- Catherine McShane, Project Manager, NHS Healthcall Undernutrition, County Durham and Darlington NHS Foundation Trust
- Jane Murphy, Clinical Lead, Nutrition Programme, Wessex AHSN (from Jan 2016); Associate Professor, Health and Social Sciences, Bournemouth University
- Emma Parsons, Lead Dietitian, Nutrition Programme, Wessex AHSN; Research Fellow, Southampton Biomedical Research Centre (BRC), University of Southampton
- Caroline Powell, Director for the Centre of Implementation Science, Wessex AHSN
- Michelle Smith, Health Programme Advisor, Public Health Dorset
- Mike Stroud, Consultant Gastroenterologist, University Hospital Southampton; Past President BAPEN
- Kathy Wallis, Senior Programme Manager, Nutrition Programme, Wessex AHSN

## References

1. Age UK. *Later Life in the United Kingdom*; 2016. [http://www.ageuk.org.uk/Documents/EN-GB/Factsheets/Later\\_Life\\_UK\\_factsheet.pdf?dtrk=true](http://www.ageuk.org.uk/Documents/EN-GB/Factsheets/Later_Life_UK_factsheet.pdf?dtrk=true) (accessed 25 April 2015).
2. British Association of Parenteral and Enteral Nutrition (BAPEN). *Malnutrition Matters: A Commitment to Act*. 2014. <http://www.bapen.org.uk/pdfs/malnutrition-matters-a-commitment-to-act.pdf> (accessed 25 April 2016).
3. British Association of Parenteral and Enteral Nutrition (BAPEN). *Malnutrition Matters Meeting Quality Standards in Nutritional Care: A Toolkit for Clinical Commissioning Groups and providers in England*. 2012. [http://www.bapen.org.uk/pdfs/bapen\\_pubs/bapen-toolkit-for-commissioners-and-providers.pdf](http://www.bapen.org.uk/pdfs/bapen_pubs/bapen-toolkit-for-commissioners-and-providers.pdf) (accessed 25 April 2016).
4. Care Quality Commission. *Guidance about compliance: Summary of regulations, outcomes and judgement framework*. 2010. [http://www.cqc.org.uk/sites/default/files/documents/guidance\\_about\\_compliance\\_summary.pdf](http://www.cqc.org.uk/sites/default/files/documents/guidance_about_compliance_summary.pdf) (accessed 25 April 2016).
5. Malnutrition Task Force. *Malnutrition in Later Life: Prevention and Early Intervention: Best Practice Principles & Implementation Guide: A Local Community Approach*. Malnutrition Task Force; 2013. [http://www.malnutritiontaskforce.org.uk/wp-content/uploads/2014/07/COM-Prevention\\_Early\\_Intervention\\_Of\\_Malnutrition\\_in\\_Later\\_Life\\_Local\\_community.pdf](http://www.malnutritiontaskforce.org.uk/wp-content/uploads/2014/07/COM-Prevention_Early_Intervention_Of_Malnutrition_in_Later_Life_Local_community.pdf) (accessed 25 April 2016)
6. National Institute for Health and Care Excellence (NICE). *Nutrition support for adults: oral nutrition support, enteral tube feeding and parenteral nutrition (CG32)*; 2006. <https://www.nice.org.uk/guidance/cg32> (accessed 25 April 2016).

7. National Institute for Health and Care Excellence (NICE). *Nutrition support in adults (QS24)*; 2012. <https://www.nice.org.uk/guidance/qs24> (accessed 25 April 2016).
8. Office for National Statistics. *Population Ageing in the United Kingdom, its Constituent Countries and the European Union*; 2012. [http://webarchive.nationalarchives.gov.uk/20160105160709/http://www.ons.gov.uk/ons/dcp171776\\_258607.pdf](http://webarchive.nationalarchives.gov.uk/20160105160709/http://www.ons.gov.uk/ons/dcp171776_258607.pdf) (accessed 25 April 2016).
9. Russell CA, Elia M. *Nutrition Screening Survey in the UK in 2007*. BAPEN; 2008. [http://www.bapen.org.uk/pdfs/nsw/nsw07\\_report.pdf](http://www.bapen.org.uk/pdfs/nsw/nsw07_report.pdf) (accessed 25 April 2016).
10. Russell CA, Elia M. *Nutrition Screening Survey in the UK in 2008*. BAPEN; 2009. [http://www.bapen.org.uk/pdfs/nsw/nsw\\_report2008-09.pdf](http://www.bapen.org.uk/pdfs/nsw/nsw_report2008-09.pdf) (accessed 25 April 2016).
11. Russell CA, Elia M. *Nutrition Screening Survey in the UK and Republic of Ireland in 2010*. BAPEN; 2011. <http://www.bapen.org.uk/pdfs/nsw/nsw10/nsw10-report.pdf> (accessed 25 April 2016).
12. Russell CA, Elia M. *Nutrition Screening Survey in the UK and Republic of Ireland in 2011*. BAPEN; 2012. <http://www.bapen.org.uk/pdfs/nsw/nsw-2011-report.pdf> (accessed 25 April 2016).
13. The European Nutrition for Health Alliance, British Association of Parenteral and Enteral Nutrition (BAPEN), International Longevity Centre UK. *Malnutrition among Older People in the Community: Policy Recommendations for Change*. 2006. <http://www.european-nutrition.org/publications.cfm> (accessed 25 April 2016).
14. Wessex Academic Health Science Network. *Older People's Essential Nutrition (OPEN) - Eastleigh*. <http://wessexahsn.org.uk/projects/60/older-people-s-essential-nutrition-open-eastleigh> (accessed 25 April 2016).

## Further reading

1. British Association of Parenteral and Enteral Nutrition. *The 'MUST' Toolkit*. <http://www.bapen.org.uk/screening-and-must/must/must-toolkit> (accessed 25 April 2016).
2. Brotherton A, Holdaway A, Mason P, McGregor I, Parsons B, Pryke R. *Managing Adult Malnutrition in the Community. Including a pathway for the appropriate use of oral nutritional supplements (ONS)*; 2012. [http://malnutritionpathway.co.uk/downloads/Managing\\_Malnutrition.pdf](http://malnutritionpathway.co.uk/downloads/Managing_Malnutrition.pdf) (accessed 25 April 2016).
3. Cawood AL, Smith A, Dalrymple-Smith J, Bolch R, Pickles S, Church S, Stratton RJ. Prevalence of malnutrition and use of nutritional support in Peterborough Primary Care Trust (Abs). *Journal of Human Nutrition and Dietetics* 2008; 21(4): 384.
4. Elia M. *The 'MUST' report. Nutritional screening for adults: a multidisciplinary responsibility. Development and use of the 'Malnutrition Universal Screening Tool' ('MUST') for adults*. : A report by the Malnutrition Advisory Group of the British Association for Parenteral and Enteral Nutrition; 2003.
5. Elia M, Russell CA. *Combating malnutrition: Recommendations for action*. : The British Association for Parenteral and Enteral Nutrition; 2009.
6. Parsons EL, Stratton RJ, Warwick H, Cawood AL, Smith TM, Elia M. Inequalities in malnutrition screening and use of oral nutritional supplements in care homes. *Clinical Nutrition* 2009; 4(2): 86-87.
7. Parsons EL, Cawood AL, Warwick H, Elia M. Prevalence of malnutrition risk in care homes in Hampshire. *Journal of Nutrition, Health and Aging* 2009.
8. Russell CA, Elia M. *Nutrition Screening Survey in the UK in 2008*. BAPEN; 2009. [http://www.bapen.org.uk/pdfs/nsw/nsw\\_report2008-09.pdf](http://www.bapen.org.uk/pdfs/nsw/nsw_report2008-09.pdf) (accessed 25 April 2016).
9. Rust S, Cawood AL, Walters E, Stratton RJ, Elia M. Prevalence of malnutrition in hospital outpatients. *Proceedings of the Nutrition Society* 2010; 69(OCE2).