

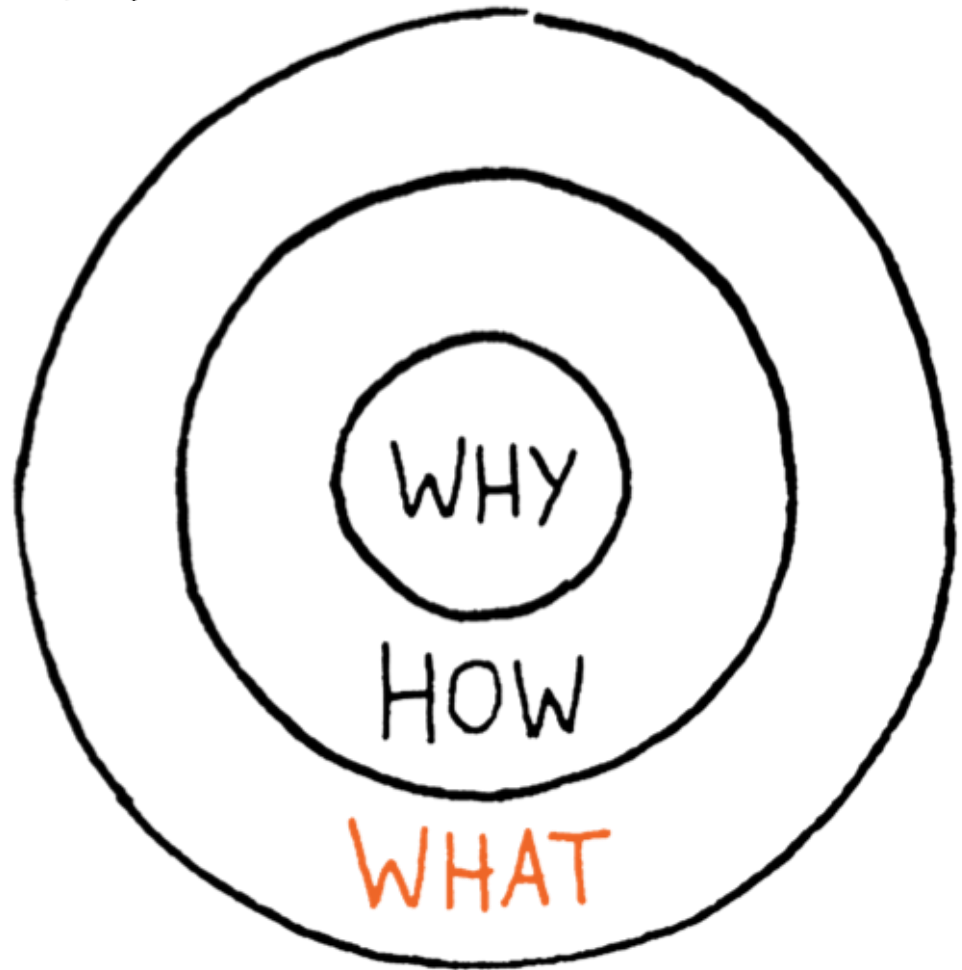
Oral health and Pneumonia in Care Homes



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Specialist in Special Care Dentistry

The Golden Circle

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{ Mouth Care Matters



England

NICE National Institute for Health and Care Excellence

TheKingsFund Help that change health care

Sustainability and transformation plans in the NHS

How are they being developed in practice?

Authors:
Hugh Alderwick
Phoebe Dunn
Helen McGenna
Nicola Walsh
Chris Ham

November 2016



Public Health England

Northamptonshire Healthcare 
NHS Foundation Trust

WHY





220,000 per annum = £1.5 million

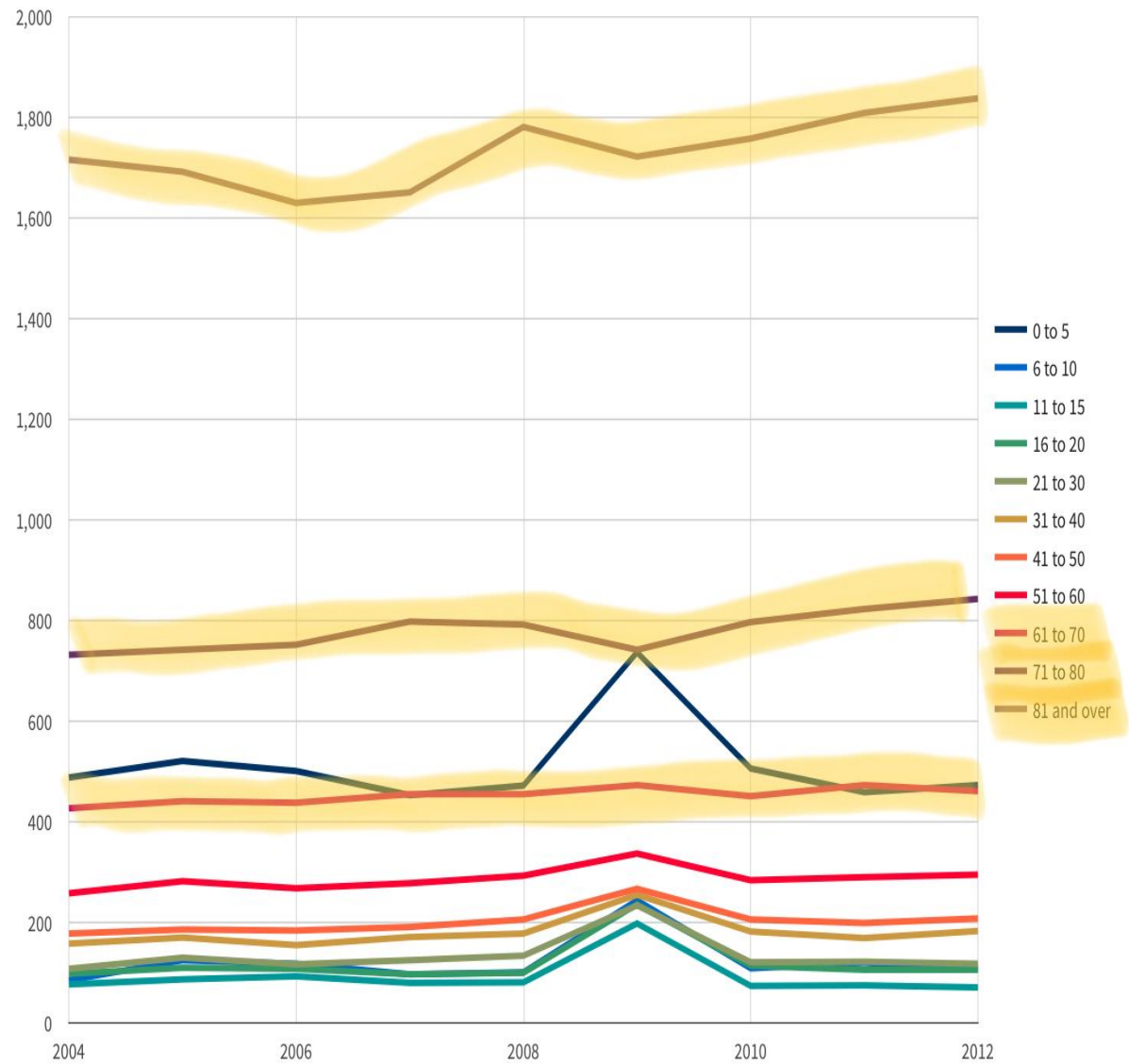
200,000 per annum = 2.3million = 920 million

29,000 per annum = 3rd highest in Europe



‘The Battle for Breath: the impact of lung disease in UK’;
British Lung Foundation 2016

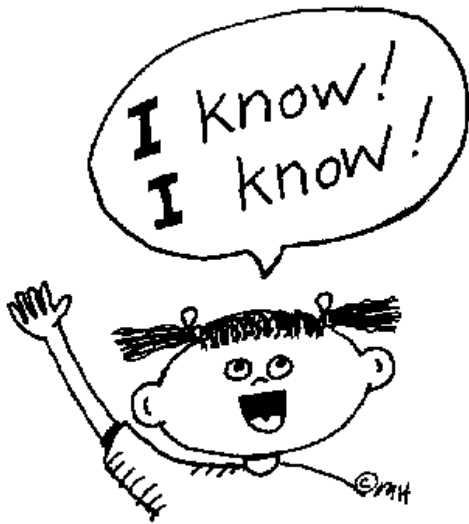
Number of people per 100,000 who developed pneumonia, by age group, 2004–12





Reduce morbidity
Reduce mortality
Reduce costs

..... Improve Quality of Life



The Evidence

BRITISH DENTAL JOURNAL
APRIL 7 2017

Evidence summary: the relationship between oral health and pulmonary disease

- M. Walshaw
- R. Fitzgerald
- J. Doughty
- K. L. Wanyonyi
- S. White
- J. E. Gallagher



Aim

- Explore the most contemporary evidence on whether poor oral health and pulmonary disease occurs in the same people
- Outline nature of relationship between these health outcomes
- Discuss implication of findings for health services and future research.

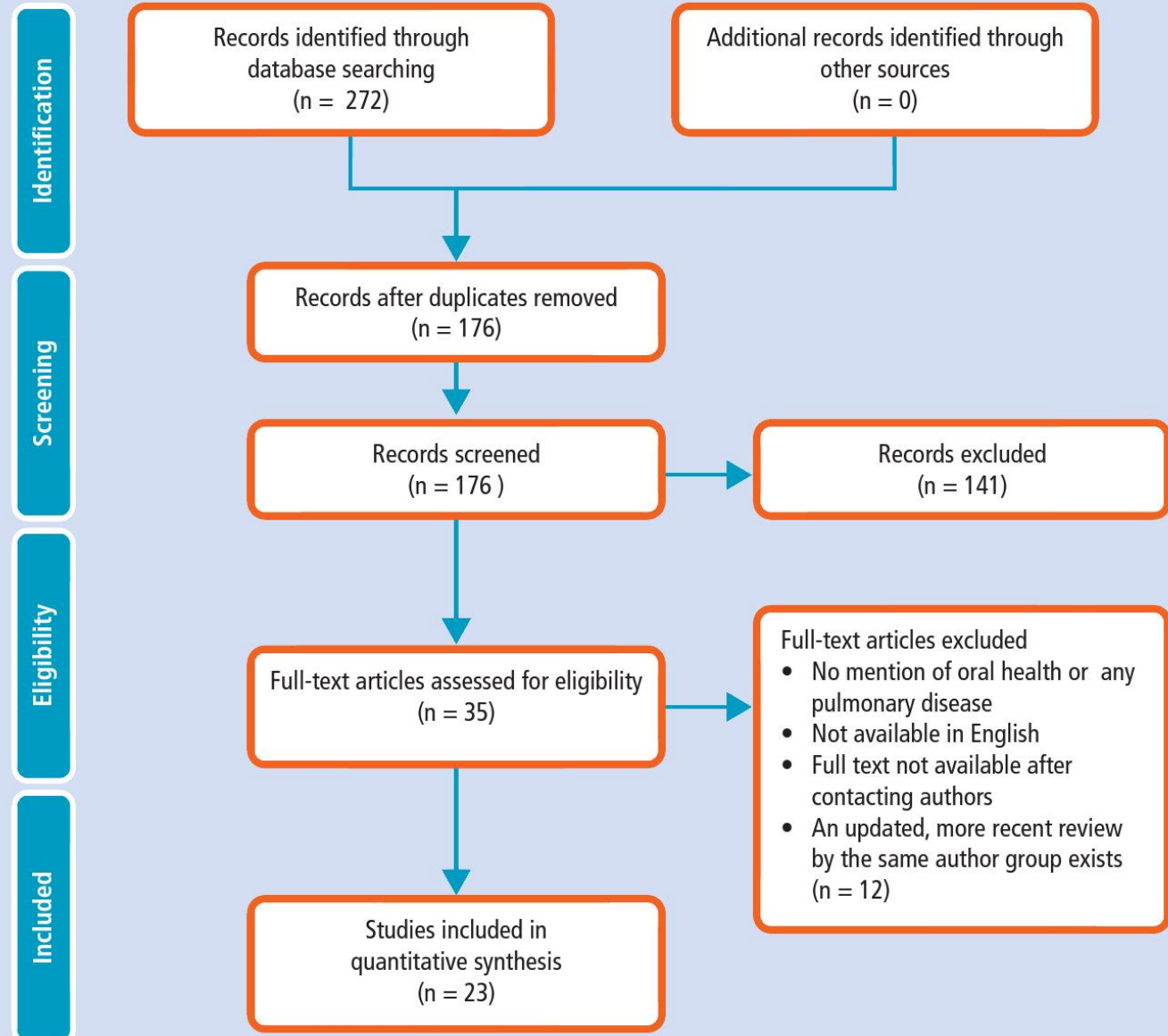


Rapid Review Methodology

- Evidence from articles published 2005-2015 exploring relationship between pulmonary and oral health.
- Rapid review synthesises most current and best evidence
- Combines elements of systematic reviews in streamlined approach to summarise available evidence in a timely manner.



Rapid Review Methodology



Rapid Review Methodology

PRISMA

- Evidence-based minimum set of items for reporting in systematic reviews and meta-analyses.
- Focuses on the reporting of reviews that evaluate RCTs
- Can also be used as a basis for reporting systematic reviews of other types of research.



Community acquired pneumonia

- Moderate evidence patients with plaque deposits increased risk of pneumonia
- High to moderate evidence that oral hygiene interventions reduce the risk of pneumonia by **67%** in frail older people
- Moderate evidence that oral hygiene interventions reduce morbidity and mortality



HOW



- Tooth brushing ... assisted if the person cannot do this for themselves
- Plus chlorhexidine in frail older people

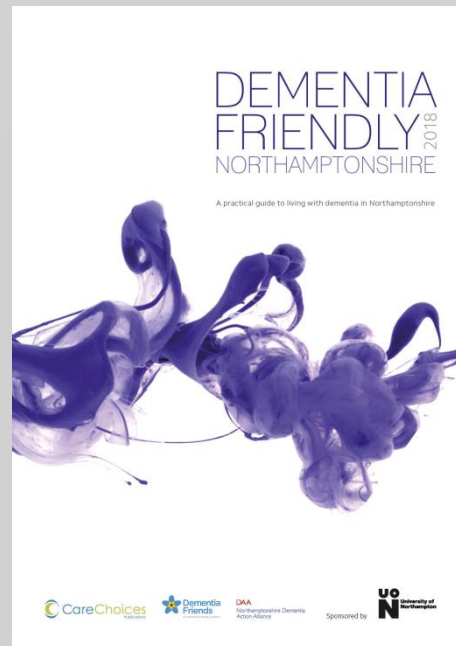
..... Helps reduce the bacterial load that contributes to aspiration pneumonia



WHAT



- Disseminate





£26, 302- £29,333 per EDDN



CLARITY - WHY

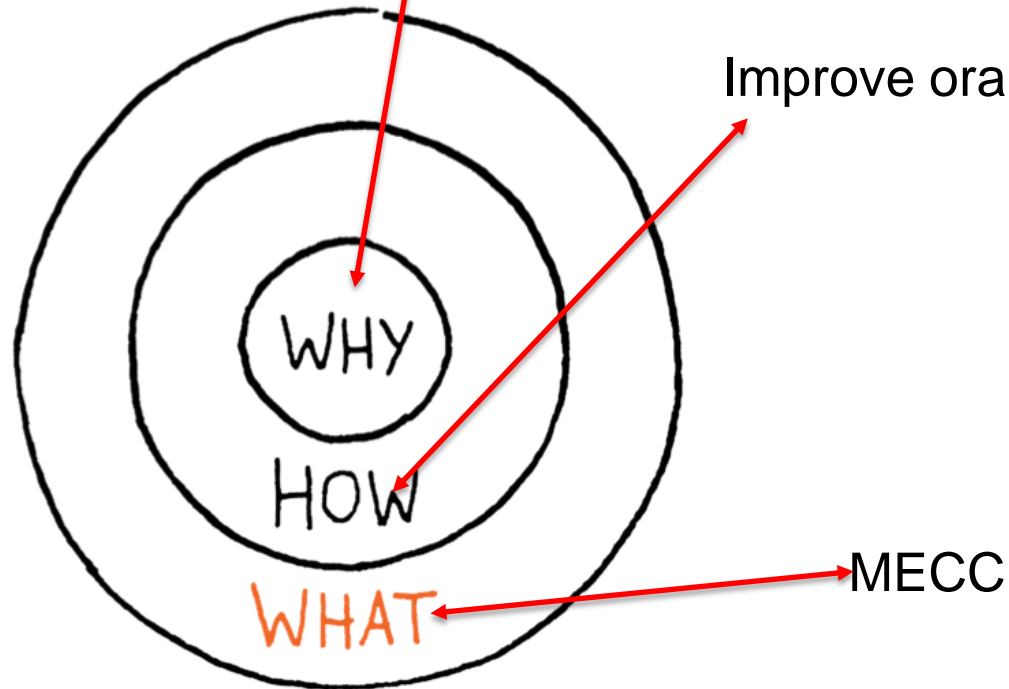
DISCIPLINE - HOW

CONSISTENCY - WHAT



Prevent pneumonia
and associated ill
health & death

Improve oral hygiene



Thank-you

