Royal Liverpool & Broadgreen University Hospitals NHS Trust Presented by Rebecca Oxtoby and Adam Town Acute Speech and Language Therapy Team

MOUTHCARE MATTERS

IMPLEMENTING A NATIONAL MOUTH CARE INITIATIVE: BASELINE FINDINGS AND OUR JOURNEY TOWARDS CHANGE



R

Audits completed February 2018



INTRODUCTION

Poor **oral hygiene** is associated with aspiration pneumonia¹, cardiovascular disease, diabetes, hospital acquired pneumonia², poor nutritional intake, longer hospital stays³, increased care costs⁴, pain, and in some cases, life-threatening illness^{5.}

Oral hygiene is an essential aspect of nursing care for all patients, especially high risk patients, such as patients with dysphagia (swallowing difficulties). Recent Trust audits identified a discrepancy between staff confidence and competence when providing mouth care to these high risk patients.

To promote a change in culture, Speech and Language Therapy have embraced an NHS England initiative, Mouth Care Matters (MCM). As part of the National MCM roll out, we completed baseline audits to establish current provision within our Trust. This poster highlights the findings from baseline audits, and the

actions taken since, to promote change across our hospital sites.

'For every £1 spent on Mouth Care, Mouth Care Matters

PATIENT AUDIT

50 patients were interviewed. **46%** of those asked could brush their teeth without assistance. **22%** reported **that their mouth care had worsened since admission to hospital**. Only **44%** had their teeth brushed twice daily whilst in hospital.

95% of HCAs would like training

Staff report lack of time and resources as the main reasons for not providing adequate mouth care, as well as a general dislike towards providing oral hygiene

PRODUCT QUESTIONNAIRE

33% of wards had foam sponges, and **72%** had pink tablets, **despite national recommendations to discontinue** these products on general wards⁶. **90%** didn't have an accessible dry mouth gel as Biotene was only available on prescription. Only **11%** had Moutheze sticks (ideal for removing stubborn stringy secretions). Only **11%** had the recommended small headed toothbrushes.



delivers £2.66 worth of benefits' ⁶

NURSING AUDIT

Prior to implementing MCM initiative, 22 registered nurses and 30 HCA staff were interviewed. **46%** of nurses and **30%** of HCAs had **never received mouth care training**. **55%** and **95%** respectively stated that they **would like** further training. Staff highlighted lack of tools/products, lack of time and not liking providing oral hygiene as **barriers to providing good mouth care**.

CASE NOTE AUDIT

37% of staff reported that they **always document mouth care**. In a sample of patient notes **69%** of patients had **no documentation** of a mouth care assessment being conducted. **56%** had **no documentation** of any mouth care activity being conducted in the **last 24 hours**. Only **38%** had evidence of mouth care activity recorded **since admission**.



SETSOLITIE

ACTIONS IMPLEMENTED FOLLOWING THE BASELINE AUDITS

Alongside the release of the newly updated Oral Hygiene Policy, we have implemented the following:

- Trust specific e-learning training: compulsory for all new nurses and HCAs and accessible to all staff
- Two day MCM Train the Trainer course: empowering 20 members of staff to disseminate training on their wards
- **£1000 grant** from Mouth Care Matters to roll out scheme
- Presence at the HCA conference
- Liaison with the Dental Hospital
- Ward training and Smile Month promotion
- Roll out of new products in line with national guidelines, including the withdrawal of 'Pink Tablets' (Terrodont) and foam sponges from the general wards
- Change from Biotene to Oralieve: promoting a Trust cost saving of over £2000 and is accessible without prescription
- Promotion of 'SPOT IT, SWAB IT' for suspected Oral Thrush: with the aim to reduce the over-prescribing of Nystatin

THE GOAL GOING FORWARD

To establish funding for a Trust wide **Mouth Care Lead** who can deliver a rolling programme of bespoke training for clinical staff of all levels

REFERENCES

Where we all make a difference

¹ ver der Maarel-Wierink, C., Vanobbergen, J.N.O., Bronkhorst, E.M., Schols., J.M.G.A., Cees de Baat. (2011). Oral health and aspiration pneumonia in frail older people: a systematic literature review. 2 Winning, L. & Linden, J (2015). Periodontitis and systemic disease. BDJ team 2.

³ Amaral, S.M., Cortes, A.Q., Pires, F.R. (2009). Nosocomial pneumonia: importance of the oral environment. J Bras Pneumol (11): 1116-24.

⁴ Terezakis, E., Needleman, I., Kumar, N., Moles, D., Agudo, E. (2001). The impact of hospitalization on oral health: a systematic review. Journal of clinical periodontology; 7: 628-36.

⁵ Malkin, B. (2009) The importance of patients oral health and nurses role in assessing and maintaining it. Nursing times, 105 (17), 19-23.

⁶ Mouth Care Matters (2018) *Cost Effectiveness Analysis*. Mouth Care Matters. Accessed online June 2018.