

## Welcome to NES Dental Clinical Effectiveness



Prof Jan Clarkson

Welcome back to the NES Dental Clinical Effectiveness newsletter for May 2018 where you'll find updates on guidance development, phasing out of dental amalgam, the use of antibiotic prophylaxis in dentistry and

much more.

**SDCEP** - The Scottish Dental Clinical Effectiveness Programme [[www.sdcep.org.uk](http://www.sdcep.org.uk)]

**TriADS** - Translation Research in a Dental Setting [[www.triads.org.uk](http://www.triads.org.uk)]

**SDPBRN** - The Scottish Dental Practice Based Research Network [[www.sdpbrn.org.uk](http://www.sdpbrn.org.uk)]

**QIIP** - Quality Improvement in Practice Training

**SDPGF** - Scottish Dental PG Fellowship

## Prevention and Management of Dental Caries in Children

SDCEP first published its Prevention and Management of Dental Caries in Children guidance in 2010. A second edition of this guidance has now been developed with the aim of further supporting dental teams to improve and maintain the oral health of their younger patients through the delivery of preventive care and, where necessary, effective management of dental caries. The new edition is based on recent research evidence, national policy and legislation and supports the implementation of the Scottish

Government's Oral Health Improvement Plan, which was published in January 2018. Recommendations for caries prevention have been updated and more extensive advice is included, particularly around decisions relating to caries management in primary and permanent teeth. The full guidance and a summary 'Guidance in Brief' can be viewed now on the SDCEP website [www.sdcep.org.uk](http://www.sdcep.org.uk).



## Phase-down of Dental Amalgam Use

In compliance with EU and global agreements to reduce the use of mercury and mercury containing products on environmental grounds, restrictions on the use of dental amalgam in specified patient groups will be a legal requirement in the UK as of 1 July 2018. Article 10(2) of Regulation (EU) 2017/852 on Mercury requires that dental amalgam is not used for treatment in patients under 15 years old, in pregnant or breastfeeding patients or for

deciduous teeth in any patient, except where deemed strictly necessary by the dental practitioner. SDCEP is currently developing UK-wide advice that aims to support dental professionals in implementing this new regulation. The advice includes information about alternative approaches and restorative materials and patient information leaflets, and is expected to be published in June 2018.

## Use of Antibiotic Prophylaxis Against Infective Endocarditis

Following the 2016 amendment to NICE's Clinical Guideline 64, Prophylaxis against infective endocarditis, SDCEP is working with relevant stakeholders to develop advice on the use of antibiotic prophylaxis in dentistry. This implementation advice will be published in the

summer of 2018. More information is available at [www.sdcep.org.uk](http://www.sdcep.org.uk).



## Conscious sedation patient information leaflets



Our aim is to improve the patient's journey through conscious sedation in dentistry and provide clinicians with a standardised information leaflet they can tailor to their practising work and patients based on SDCEP's 'Conscious Sedation in Dentistry Guidance' (3rd Edition). These include patient information leaflets about intravenous sedation and inhalation sedation for young people and adults, with corresponding escort information leaflets. Following feedback internally and from the guidance development group, the team are currently developing a plan to obtain patient feedback about the information leaflets. Leaflets are due to be finalised and released by August 2018.

## Update on the SDPBRN/IQuaD Symposium 2017

Friday 1st December 2017 saw a collaborative event with the SDPBRN and the NIHR HTA IQuaD Trial entitled, Scaling the heights and probing the depths in the 21st century. This was a full day event exploring the role of evidence in a changing NHS dental care system and disseminating the results of the National Institute for Health Research Health Technology Assessment (NIHR HTA) IQuaD Scale & Polish Trial at the Edinburgh International Conference Centre. The Scottish CDO, Margie Taylor, opened the day to a fully engaged audience of over 100 delegates. Jan

Clarkson chaired the day with presentations from: Anne-Marie Glenny (University of Manchester); Anne Duncan (University of Aberdeen); Giles McCracken (University of Newcastle), Fraser Mulford (GDP from Dundee), Thomas Lamont (University of Dundee); Beatriz Goulao (University of Aberdeen); Dwayne Boyers (University of Aberdeen) and from the IQuaD Outcome Assessors, Jill Gouick and Kirsty Sim. The day was finished off with a Question and Answer session and summing up of the day.

## MRONJ CPD video pilot

In collaboration with NES CPD team, TRiADS are currently piloting the feasibility and effectiveness of an educational video developed to support implementation of the SDCEP MRONJ guidance. The video featuring Dr Stephanie Sammut (Consultant in Oral Surgery and Co-chair of the SDCEP guidance

development group), responds to Frequently Asked Questions relating to the guidance. To date 20 GDPs have agreed to participate in the pilot, which will involve completing a short online questionnaire both before and after watching the video. The pilot will run in June 2018.

## Collaborative survey with our colleagues from across The Pond

In early 2017 the SDPBRN Rapid Evaluation Practitioners (REPs) were invited to participate in a collaborative research study with our friends from across The Pond. Our colleagues at The National Dental PBRN ([www.nationaldentalpbrn.org/](http://www.nationaldentalpbrn.org/)) were conducting a Feasibility study exploring Suspicious Lesion Decisions Among Scottish/US PBRN Dentists. This international collaboration tested the feasibility of using identical questionnaires to measure practitioners' treatment

decisions. The [results](#) showed that from 108 US dentists and 19 Scottish dentists who participated, 86% of US PBRN dentists had an established reliable decision policy compared to 89% for the Scottish PBRN dentists. It was concluded that the online system demonstrated that decision strategies are highly individualised but that both US and Scottish PBRN dentists were similar in their decisions. More information about this study can be found at [www.sdpbrn.org.uk/](http://www.sdpbrn.org.uk/)

## RECRUITING NOW for the REFLECT trial

The REFLECT trial will evaluate the clinical effectiveness and cost benefit of the prescription of high dose fluoride toothpaste (5000ppm F) to high risk older adults aged over 50 years. The trial follow up period is 3 years and the primary outcome measure is to assess the number and proportion of participants requiring treatment as a result of caries. We are now open for recruitment of practices in Scotland and our target is 28 practices who would each recruit 20 patients over 10 months. **Remuneration of up to £2000 per practice may be available.** Interested? For a fact sheet or short briefing, contact us at [REFLECT@dundee.ac.uk](mailto:REFLECT@dundee.ac.uk) with your name, email and practice address or call 01382 383818.