

Thanks to your financial contribution, time and expertise, along with core funding from the UK's *National Institute for Health Research*, **Cochrane Oral Health** continues to lead the way in systematic reviewing and strengthening links between research and practice in oral and dental health care.

We would like to thank each of you for your invaluable support and to share with you some of the highlights of the past 18 months. We are also pleased to welcome **three new partners**: American Association of Public Health Dentistry, USA; Centre for Dental Education and Research, India; Swiss Society for Endodontology, Switzerland



## Synthesising evidence

### Delivering gold-standard reviews

- **Relevant**

Responsive to clinician and consumer priorities: e.g. a recent NY Times feature highlighted controversy over the need to floss. We secured funding to accelerate our new review on mechanical interdental cleaning

- **Reliable**

All reviews are conducted according to prespecified methods published in a protocol, and undergo thorough editorial checks from clinical and methodological experts

- **Rapid**

In 2017, three of our priority reviews were published less than a year after publication of their protocols

### Developing innovative methodologies

- Awarded 3-year grant for diagnostic test accuracy (DTA) reviews
- Began designing a new approach to prioritisation
- Planning a comprehensive caries review that will use network meta-analysis



## Supporting evidence

### Driving clinical research

- **IQuaD**: scale and polish RCT completed. Results to be published soon, with updated Cochrane review
- **INTERVAL** (optimal dental recall intervals), **FICTION** (primary teeth fillings) and **REFleCt** (high-dose fluoride toothpaste use for older adults) RCTs in progress

### Collaborating on clinical guidelines

- **Scottish Dental Clinical Effectiveness Programme** (SDCEP), Conscious Sedation in Dentistry
- **American Dental Association** (ADA), Evidence-Based Clinical Practice Guideline for the Evaluation of Potentially Malignant Disorders in the Oral Cavity

“Thanks to working together with Cochrane Oral Health, our clinical guideline on cancer detection was completed in 6 months instead of 2 years.”

Alonso Carrasco-Labra, ADA

- Amalgam versus composite resin fillings: updating review with the **Canadian Agency for Drugs and Technologies in Health** (CADTH)



## Sharing evidence

### Establishing evidence-based networks

- **Global Evidence Ecosystem for Oral Health** brings together Cochrane, ADA, FDI, IADR, SDCEP and WHO
- Cochrane groups at The University of Manchester

### Promoting evidence-based healthcare

- Worldwide teaching: Croatia, India, South Korea, and the USA.
- Presentation to the British Association for the Study of Community Dentistry to inform their Fluoride Position Statement
- Bite-sized evidence in blogshots



**Does treating gum disease prevent complications in pregnancy?**

There is no evidence that the treatment of gum disease reduces the number of babies born before 37 weeks of pregnancy; however, it may reduce the number of babies born weighing less than 2500 g.

Cochrane review of 15 trials with 7,161 participants

Evidence is low quality

Find out more: <http://bit.ly/2sU9EYK>

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With gratitude to our GA partners to date:

