

**From: THOMPSON, Joyce (NHS TAYSIDE)**

**To: SACN**

**Subject: Feeding in the First year of Life Report - feedback**

Dear Sir/Madam

Apologies for delayed return.

### **Chapter 9: Oral Health**

A very good summary of the available evidence in relation to dental disease in the first year of life in particular in relation to breastfeeding and dental caries. The breastfeeding and caries evidence rightly focuses on the one of the most recent systematic reviews providing a good discussion of the evidence. Two newer reviews and a Cohort study are now also available that also support the general conclusion in relation to the chapters conclusions on breastfeeding and caries.

- Cui L, Li X, Tian Y, Bao J, Wang L, Xu D, Zhao B, Li W. Breastfeeding and early childhood caries: a meta-analysis of observational studies. *Asia Pac J Clin Nutr*. 2017;26(5):867-880. doi: 10.6133/apjcn.082016.09. PubMed PMID: 28802297.
- Peres KG, Nascimento GG, Peres MA, Mittinty MN, Demarco FF, Santos IS, Matijasevich A, Barros AJD. Impact of Prolonged Breastfeeding on Dental Caries: A Population-Based Birth Cohort Study. *Pediatrics*. 2017 Jul;140(1). pii: e20162943. doi: 10.1542/peds.2016-2943. PubMed PMID: 28759394.
- Avila WM, Pordeus IA, Paiva SM, Martins CC. Breast and Bottle Feeding as Risk Factors for Dental Caries: A Systematic Review and Meta-Analysis. *PLoS One*. 2015 Nov 18;10(11):e0142922. doi: 10.1371/journal.pone.0142922. eCollection 2015. Review. PubMed PMID: 26579710; PubMed Central PMCID: PMC4651315.

### **Chapter 4: Infant feeding growth and health**

- Horta, B. L. et al Breastfeeding and intelligence: a systematic review and meta-analysis. *Acta Paediatrica*, 2015;104 ( S467):14-19.
- Horta, B.L. et al Long-term consequences of breastfeeding on cholesterol, obesity, systolic blood pressure and type 2 diabetes: a systematic review and meta-analysis. *Acta Paediatrica* 2015; 104 ( S467): 30-37.
- Sankar, M. J. et al (2015). Optimal breastfeeding practices and infant and child mortality: a systematic review and meta-analysis. *Acta Paediatrica* 2015, 104 ( S467): 3-13
- E.R.J Giugliani et al (2015). Effect of breastfeeding promotion interventions on child growth: a systematic review and meta-analysis. *Acta Paediatrica* 2015; 104 ( S467):20-29

- Lodge, C.J. et al (2015) Breastfeeding and asthma and allergies: a systematic review and meta-analysis. Acta Paediatrica 2015; 104 ( S467): 38-53

#### **General Comments**

- Does not adhere to 0-12 months throughout document
- 23 Page 9 Prior to Healthy Start the withdrawal of infant formula sales from health centres took place
- 33 page 11 the feed good website does not support the entire MIN framework , only the infant feeding part.
- 35 page 12 A Scottish commentary was produced on NICE PH11
- 41 Page 13 Is there a Scottish equivalent?
- 56 page 17 there is no evidence that heavier infants or hungrier msy be more demanding.

There is strong evidence that a mother who responsively breastfeed she will produce enough milk for her baby

On behalf of Janet Dalzell, Infant Nutrition Coordinator and Derek Richards, Dental Public Health Consultant.

Kind regards

Joyce Thompson BSc MPH RD,

Dietetic Consultant in Public Health Nutrition - Tayside Nutrition MCN Lead Clinician - Dietetic Professional Lead