**Appendix 2**: Literature search strategy for intake of sugars, sugars-sweetened foods and beverages and health outcomes in children and adolescents

A PubMed, EMBASE and Cochrane Central Register of Controlled Trials Central, search up to February 2016 was conducted with the use of the following key terms (words in the title or abstract as well as Mesh terms, example for PubMed): (1) (Sugar in solid form) OR (2) (Sugar in liquid form) AND (3) (Infants, children, adolescents) AND (4) (Anthropometry, body weight, disease) AND (5) (Studies).

**(1):** fructose[tiab] OR sucrose[tiab] OR sugar\*[tiab] OR high fructose corn syrup\*[tiab] OR dietary carbohydrate\*[tiab] OR glucose[tiab] OR galactose[tiab] OR maltose[tiab] OR monosaccharide\*[tiab] OR lactose[tiab] OR disaccharide\*[tiab] OR infant food\*[tiab]) OR fruit yogurt\*[tiab]) OR fructose[mesh] OR sucrose[mesh] OR dietary carbohydrates[mesh] OR monosaccharides[mesh:noexp] OR disaccharides[mesh:noexp] OR glucose[mesh:noexp] OR galactose[mesh] OR maltose[mesh] OR lactose[mesh] OR OR Sweetening Agents [mesh] OR infant food[mesh] OR yogurt[mesh])

OR

**(2):**carbonated beverage\*[tiab] OR energy drink\*[tiab] OR juice\*[tiab] OR soft drink\*[tiab] OR OR human[tiab] OR formula[tiab] OR soy[tiab] OR chocolate[tiab])) OR ((sweet[tiab] OR sweetened[tiab] OR sugar[tiab] OR sugary[tiab]) AND (beverage\*[tiab] OR drink\*[tiab] OR tea[tiab])) OR carbonated beverages[mesh] OR energy drinks[mesh] OR OR beverages[mesh:noexp] OR milk, human[mesh] OR [soy milk](http://www.ncbi.nlm.nih.gov/mesh/68041942)[mesh] OR milk[mesh:noexp] OR tea[mesh] OR fruit[mesh]

AND

**(3):** infant\*[tiab] OR infancy[tiab] OR preschool[tiab] OR toddler[tiab] OR child\*[tiab] OR adolescent\*[tiab] OR teenager\*[tiab] OR pediatr\*[tiab] OR infant[mesh] OR child, preschool[mesh] OR child[mesh] OR adolescent[mesh]

AND

**(4):** anthropometry[tiab] OR body weight[tiab] OR body mass index[tiab] OR weight gain[tiab] OR overweight[tiab] OR obesity[tiab] OR fatness[tiab] OR caries[tiab] OR diabetes mellitus[tiab] OR coronary heart disease[tiab] OR blood pressure[tiab] OR blood lipid\*[tiab] OR plasma lipid\*[tiab] metabolic syndrome\*[tiab] OR non alcoholic fatty liver disease[tiab] OR NAFLD[tiab]OR fracture\*[tiab] OR cancer[tiab] OR diarrhea[tiab] OR Anthropometry[mesh] OR body weight[mesh] OR Body Mass Index[mesh] OR Weight Gain[mesh] OR overweight[mesh] OR Obesity/etiology[mesh] OR Obesity/epidemiology[mesh] OR Risk Factors[mesh] OR Dental Caries[mesh] OR Diabetes Mellitus, Type 2[mesh] OR Coronary Disease[mesh] OR blood pressure[mesh] OR Lipids/blood[mesh] OR Metabolic Diseases[mesh] OR Non alcoholic Fatty Liver Disease[mesh] OR NAFLD[mesh] OR Diarrhea [mesh] OR Fractures, Bone[mesh]

AND

#### (5): the same as (6) Studies in Appendix 1 (RCTs, Cohort studies, Cross sectional studies, Clinical trials, Epidemiological studies, Systematic Reviews, Meta-analyses and Consensus statements/guidelines)