

Appendix S1.

Database: Ovid MEDLINE(R) and EBM Reviews - Cochrane Central Register of Controlled Trials <April 2016>

Search Strategy:

- 1 Nutritional Status/
- 2 Nutrition Assessment/
- 3 Diet/
- 4 Dietary Carbohydrates/
- 5 Dietary Fiber/
- 6 Dietary Proteins/
- 7 Dietary Fats/
- 8 micronutrients/ or exp vitamins/
- 9 Homocysteine/
- 10 Magnesium/
- 11 Calcium/
- 12 Folic Acid/
- 13 Iron/
- 14 Body Weight/
- 15 Body Mass Index/
- 16 1 or 2 or 3 or 4 or 5 or 6 or 7 or 8 or 9 or 10 or 11 or 12 or 13 or 14 or 15
- 17 exp Dental Prosthesis/

18 denture*.tw.
19 Mastication/
20 chewing.tw.
21 17 or 18 or 19 or 20
22 16 and 21
23 Case-Control Studies/ or Control Groups/ or Matched-Pair Analysis/ or ((case* adj5 control*) or (case adj3comparison*) or control group*).ti,ab.
24 cohort studies/ or longitudinal studies/ or follow-up studies/ or prospective studies/ or retrospective studies/ or cohort.ti,ab. or longitudinal.ti,ab. or prospective.ti,ab. or retrospective.ti,ab.
25 Cross-Sectional Studies/ or cross-sectional.ti,ab. or ("prevalence study" or "incidence study" or "prevalence studies" or "incidence studies" or "transversal studies" or "transversal study").ti,ab.
26 randomized controlled trial.pt.
27 controlled clinical trial.pt.
28 randomized.ab.
29 placebo.ab.
30 clinical trials as topic.sh.
31 randomly.ab.
32 trial.ti.
33 26 or 27 or 28 or 29 or 30 or 31 or 32
34 exp animals/ not humans.sh.
35 33 not 34
36 22 and 23

- 37 22 and 24
- 38 22 and 25
- 39 22 and 35
- 40 36 or 37 or 38 or 39

EMBASE <April 2016>

((('nutritional status'/de and [embase]/lim) or ('nutritional assessment'/de and [embase]/lim) or ('diet'/de and [embase]/lim) or ('carbohydrate diet'/de and [embase]/lim) or ('dietary fiber'/de and [embase]/lim) or ('protein intake'/de and [embase]/lim) or ('fat intake'/de and [embase]/lim) or ('trace element'/de and [embase]/lim) or ('vitamin'/exp and [embase]/lim) or (micronutrient*:ab,ti and [embase]/lim) or ('homocysteine'/de and [embase]/lim) or ('magnesium'/de and [embase]/lim) or ('calcium'/de and [embase]/lim) or ('folic acid'/de and [embase]/lim) or ('iron'/de and [embase]/lim) or ('body weight'/de and [embase]/lim) or ('body mass'/de and [embase]/lim) or ('body mass index':ab,ti and [embase]/lim)) and (('tooth prosthesis'/exp and [embase]/lim) or ('dental prosthesis and implant'/de and [embase]/lim) or ('mastication'/de and [embase]/lim) or (chewing:ab,ti and [embase]/lim))) and ('cohort analysis'/exp and [embase]/lim or 'longitudinal study'/exp and [embase]/lim or 'prospective study'/exp and [embase]/lim or 'follow up'/exp and [embase]/lim or cohort*:ab,ti and [embase]/lim)) or (((('nutritional status'/de and [embase]/lim) or ('nutritional assessment'/de and [embase]/lim) or ('diet'/de and [embase]/lim) or ('carbohydrate diet'/de and [embase]/lim) or ('dietary fiber'/de and [embase]/lim) or ('protein intake'/de and [embase]/lim) or ('fat intake'/de and [embase]/lim) or ('trace element'/de and [embase]/lim) or ('vitamin'/exp and [embase]/lim) or (micronutrient*:ab,ti and [embase]/lim) or ('homocysteine'/de and [embase]/lim) or ('magnesium'/de and [embase]/lim) or ('calcium'/de and [embase]/lim) or ('folic acid'/de and [embase]/lim) or ('iron'/de and [embase]/lim) or ('body weight'/de and [embase]/lim) or ('body mass'/de and [embase]/lim) or ('body mass index':ab,ti and [embase]/lim)) and (('tooth prosthesis'/exp and

[embase]/lim) or ('dental prosthesis and implant'/de and [embase]/lim) or ('mastication'/de and [embase]/lim) or (chewing:ab,ti and [embase]/lim))) and (('case control study'/exp and [embase]/lim) or ('control groups'/exp and [embase]/lim) or ('matched-pair analysis'/exp and [embase]/lim) or ((case* near/5 control*):ab,ti and [embase]/lim) or ((case near/3 comparison*):ab,ti and [embase]/lim) or ('control groups':ab,ti and [embase]/lim))) or (((('nutritional status'/de and [embase]/lim) or ('nutritional assessment'/de and [embase]/lim) or ('diet'/de and [embase]/lim) or ('carbohydrate diet'/de and [embase]/lim) or ('dietary fiber'/de and [embase]/lim) or ('protein intake'/de and [embase]/lim) or ('fat intake'/de and [embase]/lim) or ('trace element'/de and [embase]/lim) or ('vitamin'/exp and [embase]/lim) or (micronutrient*:ab,ti and [embase]/lim) or ('homocysteine'/de and [embase]/lim) or ('magnesium'/de and [embase]/lim) or ('calcium'/de and [embase]/lim) or ('folic acid'/de and [embase]/lim) or ('iron'/de and [embase]/lim) or ('body weight'/de and [embase]/lim) or ('body mass'/de and [embase]/lim) or ('body mass index':ab,ti and [embase]/lim))) and (('tooth prosthesis'/exp and [embase]/lim) or ('dental prosthesis and implant'/de and [embase]/lim) or ('mastication'/de and [embase]/lim) or (chewing:ab,ti and [embase]/lim))) and (('cross-sectional study'/de and [embase]/lim) or ('cross sectional':ab,ti and [embase]/lim) or ('prevalence study':ab,ti or 'incidence study':ab,ti or 'prevalence studies':ab,ti or 'incidence studies':ab,ti or 'transversal studies':ab,ti or 'transversal study':ab,ti and [embase]/lim))) or (((('nutritional status'/de and [embase]/lim) or ('nutritional assessment'/de and [embase]/lim) or ('diet'/de and [embase]/lim) or ('carbohydrate diet'/de and [embase]/lim) or ('dietary fiber'/de and [embase]/lim) or ('protein intake'/de and [embase]/lim) or ('fat intake'/de and [embase]/lim) or ('trace element'/de and [embase]/lim) or ('vitamin'/exp and [embase]/lim) or (micronutrient*:ab,ti and [embase]/lim) or ('homocysteine'/de and [embase]/lim) or ('magnesium'/de and [embase]/lim) or ('calcium'/de and [embase]/lim) or ('folic acid'/de and [embase]/lim) or ('iron'/de and [embase]/lim) or ('body weight'/de and [embase]/lim) or ('body mass'/de and [embase]/lim) or ('body mass index':ab,ti and [embase]/lim))) and (('tooth prosthesis'/exp and [embase]/lim) or ('dental prosthesis and implant'/de and [embase]/lim) or ('mastication'/de and [embase]/lim) or (chewing:ab,ti and [embase]/lim))) and (('crossover procedure'/de and [embase]/lim) or ('double blind procedure'/de and [embase]/lim) or ('randomized controlled trial'/de and [embase]/lim) or ('single-blind procedure'/de and [embase]/lim) or (random* or factorial* or 'crossover' or 'cross over' or 'cross-over' or

placebo* or assign* or allocat* or volunteer*:ab,ti and [embase]/lim) or ('double':ab,ti or 'single':ab,ti and near:ab,ti and blind:ab,ti and [embase]/lim)))