

Appendix 1

Search Strategy Example: MEDLINE (via Ovid) search

Terms specific to vitamin D

#1 exp Vitamin D/

#2 (Vitamin D OR Vitamin D2 OR Vitamin D3 OR Cholecalciferol* OR Calciol OR Hydroxycholecalciferol* OR Hydroxyvitamin* D OR Calcitriol OR Calcidiol OR Calderol OR Calcifediol OR Hydroxycholecalciferol OR Dedrogyl OR Hidroferol OR Ergocalciferol* OR Calciferol* OR Ercalcidiol OR Hydroxycalciferol OR Dihydrotachysterol OR Tachystin OR Dihydrotachysterin OR Calcamine OR Alphacalcidol OR alfacalcidol). ab,ti.

#3 #1 OR #2

Terms specific to overweight and obesity

#4 exp overweight/

#5 exp obesity/

#6 exp adiposity/

#7 (overweight* OR over weight* OR obes* OR adipos* OR fat). ab,ti.

#8 #4 OR #5 OR #6 OR #7

Terms for identifying randomized controlled trials

#9 exp randomized controlled trial/

#10 randomized controlled trial.pt.

#11 controlled clinical trial.pt.

#12 (random* OR placebo OR sham OR trial OR groups). ab,ti.

#13 #9 OR #10 OR #11 OR #12

Combination of terms to identify randomized controlled trials of vitamin D for obese and overweight subjects

#3 AND #8 AND #13