**Appendix 1: Search Strategy**

*Note: The search strategy was created in PubMed and adapted as necessary for Embase.*

**Search Strategy**

**Medline**

|  |  |
| --- | --- |
|  | **PubMed/EMBASE search** |
|  | randomized controlled trial.pt. |
|  | controlled clinical trial.pt. |
|  | randomized.ab.  |
|  | placebo.ab.  |
|  | drug therapy.fs. |
|  | randomly.ab. |
|  | trial.ab.  |
|  | groups.ab. |
|  | 1 or 2 or 3 or 4 or 5 or 6 or 7 or 8  |
|  | vit D/  |
|  | 25-dihydroxyvit D 3/  |
|  | 25-hydroxyvit D 2/ |
|  | calcifediol/  |
|  | calcitriol/  |
|  | cholecalciferol/  |
|  | dihydroxycholecalciferols/  |
|  | hydroxycholecalciferols/  |
|  | Or/10-17 |
|  | (vit D or cholecalciferol or colecalciferol or hydroxycholecalciferol or hydroxycolecalciferol or dihydroxycholecalciferol or dihydroxycolecalciferol or dihydrotachysterol or maxicalcitol or oxacalcitriol or paricalcitol or doxercalciferol or dihydroxyvitamin or falecalcitriol or calcitriol or alfacalcidol or alphacalcidol or calcifedol or calcipotriol or epicalcitriol or lexacalcitol or seocalcitol or tacalcitol or ergocalciferol or Hydroxyvit D).tw. |
|  | 18 or 19 |
|  | parathyroid hormone/ |
|  | PTH/ |
|  | 21 or 22 |
|  | 9 AND 20 AND 23 |
|  | Limited to English language |
|  | Limited to humans study |
|  | Limited 24 to (25 AND 26) |
| Databases searched, PubMed (http://www.ncbi.nlm.nih.gov/pubmed/), Embase (http://www.embase.com) |