Systematic search in Cochrane

**Population:** Chronic kidney disease

**Intervention:** Treatment with vitamin D

**Control:** Placebo

**Outcome:** Flow mediated vasodilation

**Study type**: Randomized trials.

**Filter**: Published 2000-01-01 or later.

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| **Search P: Chronic kidney disease** |
| **Search** | **Terms** | **Nr** | **Comments** |
| #1 | MeSH descriptor: [Kidney Failure, Chronic] explode all trees | 3978 |  |
| #2 | chronic kidney fail\* or chronic renal fail\* or endstage renal\* or end-stage renal\* or end stage renal\* or endstage kidney\* or end-stage kidney\* or end stage kidney\*  | 12470 |  |
| #3 | MeSH descriptor: [Renal Insufficiency, Chronic] this term only | 931 |  |
| #4 | MeSH descriptor: [Kidney Diseases] this term only | 1767 |  |
| #5 | chronic  | 100462 |  |
| #6 | #4 and #5  | 546 |  |
| #7 | Chronic renal\* or Chronic kidney\*  | 15067 |  |
| #8 | #3 or #4 or #6 or #7  | 16288 |  |
| #9 | endstage or end-stage or end stage\*  | 17399 |  |
| #10 | #8 and #9  | 3509 |  |
| #11 | Ckf or crf or esrd or eskd or esrf or eskf or esri  | 2298 |  |
| #12 | #1 or #2 or #10 or #11  | 13176 |  |

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| **Search I: vitamin D** |
| Search | Seach terms | Nr | Comments |
| #13 | vitamin d or vitamin d2 or vitamin d3 or cholecalciferol\* or colecalciferol\* or hydroxycholecalciferol\* or hydroxycolecalciferol\* or dihydroxycholecalciferol\* or dihydrotachysterol\* or maxacalcitol or oxacalcitriol or paricalcitol or doxercalciferol or dihydroxyvitamin\* or falecalcitriol or calcitriol\* or alfacalcidol\* or alphacalcidol\* or calcifediol\* or calciphediol\* or calcipotriol\* or calcipotriene or Epicalcitriol or Lexacalcitol or seocalcitol or tacalcitol or ergocalciferol\*  | 12666 |  |
| #14 | MeSH descriptor: [Vitamin D] explode all trees | 3113 |  |
| #15 | #13 or #14  | 12668 |  |

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| **Search study type: Randomized trials** |
| **Search** | **Search terms** | **Nr** | **Comments** |
| #16 | MeSH descriptor: [Randomized Controlled Trial] explode all trees | 192 |  |
| #17 | MeSH descriptor: [Controlled Clinical Trial] this term only | 35 |  |
| #18 | random\*  | 779361 |  |
| #19 | #16 or #17 or #18  | 779366 |  |

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| **Combined search** |
| **Search** | **Search terms** | **Nr** | **Comments** |
| #1 | P | 13176 |  |
| #2 | I | 12668 |  |
| #3 | Studietyp | 779366 |  |
| **#4** | **#1 AND #2 AND #3** | **919** |  |
| **#5** | **#4 Filter: Published 2000-2018** | **300** |  |