**Supplementary Table S1.** Focused search strategy in CENTRAL and MEDLINE-EMBASE databases

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| **CENTRAL** |
| * **dialysis:ti,ab,kw**
* **h\*emofiltration:ti,ab,kw**
* **h\*emodiafiltration:ti,ab,kw**
* **(end-stage renal or end-stage kidney or endstage renal or endstage kidney):ti,ab,kw**
* **(ESRF or ESKF or ESRD or ESKD):ti,ab,kw**
* **(chronic kidney or chronic renal):ti,ab,kw**
* **(CKF or CKD or CRF or CRD):ti,ab,kw**
* **(CAPD or CCPD or APD):ti,ab,kw**
* **(predialysis or pre-dialysis):ti,ab,kw**
* **MeSH descriptor Kidney Failure, Chronic, this term only**
* **MeSH descriptor Renal Replacement Therapy explode all trees**
* **MeSH descriptor Renal Insufficiency, Chronic explode all trees**
* **MeSH descriptor Diabetes Mellitus, this term only**
* **MeSH descriptor Diabetes Mellitus, Type 1 explode all trees**
* **MeSH descriptor Diabetes Mellitus, Type 2 explode all trees**
* **MeSH descriptor Diabetic Nephropathies explode all trees**
* **diabet\*:ti,ab,kw**
* **(niddm or iddm):ab,ti,kw**
* **MeSH descriptor Exertion explode all trees**
* **exercise:ti,ab,kw**
* **(Physical and (Education or Training))**
* **(physical next (training or activity or fitness or**
* **rehabilitation)):ti,ab,kw**
* **(resistance next (training or program\*)):ti,ab,kw**
* **(strength\* and (muscle\* or program\* or training)):ti,ab,kw**
* **kinesiotherapy:ti,ab,kw**
* **energy intake:ti,ab,kw**
* **explode Diet Therapy**
* **explode diet**
* **explode Feeding Behavior**
* **nutrition\*:ti,ab,kw**
* **(nutri$ or diet$ or food or eat$):ti,ab,kw**
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| **MEDLINE**  |
| * **Kidney Diseases/**
* **exp Renal Replacement Therapy/**
* **Renal Insufficiency/**
* **exp Renal Insufficiency, Chronic/**
* **dialysis.tw.**
* **(hemodialysis or haemodialysis).tw.**
* **(hemofiltration or haemofiltration).tw.**
* **(hemodiafiltration or haemodiafiltration).tw.**
* **(end-stage renal or end-stage kidney or endstage renal or endstage kidney).tw.**
* **(ESRF or ESKF or ESRD or ESKD).tw.**
* **(chronic kidney or chronic renal).tw.**
* **(CKF or CKD or CRF or CRD).tw.**
* **(CAPD or CCPD or APD).tw.**
* **(predialysis or pre-dialysis).tw.**
* **exp diabetes mellitus/**
* **exp Diabetes Mellitus, Type 1/**
* **exp Diabetes Mellitus, Type 2/**
* **Diabetic Nephropathies/**
* **diabet$.tw.**
* **(niddm or iddm).tw.**
* **energy intake/**
* **exp Diet Therapy/**
* **exp Feeding Behavior/**
* **exp Diet/**
* **nutrition\*.tw.**
* **(nutri$ or diet$ or food or eat$).tw.**
* **Physical Exertion/**
* **exp Exercise Therapy/**
* **exp Exercise Test/**
* **exp Physical Fitness/**
* **exercise.tw.**
* **(resistance training or resistance program$).tw.**
* **(physical fitness or physical rehabilitation).tw.**
* **(strength$ and (muscle or program$ or training)).tw.**
* **(Physical and (Education or Training)).tw.**
* **randomized controlled trial.pt.**
* **controlled clinical trial.pt.**
* **randomized.ab.**
* **placebo.ab.**
* **clinical trials as topic/**
* **randomly.ab.**
* **trial.ti.**
* **exp Cohort studies/**
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