

Supplementary Table 2: Database search details and results.

| Database: Medline via Pubmed | | | |
|---|----------------------------|--|---------------------|
| Date of initial Search: 23.2.22 | | | |
| Search # | Concept/Explanation | Search Terms | # of Results |
| # 1 | Cancer | cancer OR oncolog* OR neoplasm OR tumor OR tumour OR malignan* | 5461712 |
| # 2 | Treatment | chemother* OR "radiation therapy" OR radiotherapy OR chemoradiation OR "Stem Cell Transplant*" OR "Bone Marrow Transplant*" OR hsct | 1110890 |
| # 3 | Exercise | "physical activit*" OR exercis* OR exercising OR "resistance training" OR "resistance exercise" OR "aerobic training" OR "aerobic exercise" OR cycling OR "endurance training" OR "endurance exercise" OR yoga OR "tai chi" OR "weight training" | 1395770 |
| # 4 | Hospitalization | hospitali* OR admitted OR inpatient OR "length of stay" OR "patient readmission" | 862441 |
| # 5 | 1 and 2 and 3 and 4 | | 2709 |
| Database: EMBASE | | | |
| Date of initial Search: 23.2.22 | | | |
| Search # | Concept/Explanation | Search Terms | # of Results |
| # 1 | Cancer | cancer OR oncolog* OR neoplasm OR tumor OR tumour OR malignan* | 6062590 |
| # 2 | Treatment | chemother* OR "radiation therapy" OR radiotherapy OR chemoradiation OR "Stem Cell Transplant*" OR "Bone Marrow Transplant*" OR hsct | 1663983 |
| # 3 | Exercise | "physical activit*" OR exercis* OR exercising OR "resistance training" OR "resistance exercise" OR "aerobic training" OR "aerobic exercise" OR cycling OR "endurance training" OR "endurance exercise" OR yoga OR "tai chi" OR "weight training" | 881572 |
| # 4 | Hospitalization | hospitali* OR admitted OR inpatient OR "length of stay" OR "patient readmission" | 1341618 |
| # 5 | 1 and 2 and 3 and 4 | | 543 |
| Database: Cochrane Central Register of Controlled Trials | | | |
| Date of initial Search: 23.2.22 | | | |
| Search # | Concept/Explanation | Search Terms | # of Results |
| # 1 | Cancer | cancer OR oncolog* OR neoplasm OR tumor OR tumour OR malignan* | 241812 |

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|-----|---------------------|---|--------|
| # 2 | Treatment | chemother* OR "radiation therapy" OR radiotherapy OR chemoradiation OR "Stem Cell Transplant*" OR "Bone Marrow Transplant*" OR hsct | 122106 |
| # 3 | Exercise | "physical activit*" OR exercis* OR exercising OR "resistance training" OR "resistance exercise" OR "aerobic training" OR "aerobic exercise" OR cycling OR "endurance training" OR "endurance exercise" OR yoga OR "tai chi" OR "weight training" | 149952 |
| # 4 | Hospitalization | hospitali* OR admitted OR inpatient OR "length of stay" OR "patient readmission" | 108685 |
| # 5 | 1 and 2 and 3 and 4 | | 166 |