

Supplementary Table 1. Summary of Search Strategy

| Databases | Search terms |
|------------------|---|
| PubMed | ((syndrome[Title/Abstract] OR symptom cluster*[Title/Abstract] OR symptom constellation*[Title/Abstract] OR concurrent symptom*[Title/Abstract] OR multiple symptom*[Title/Abstract] OR symptom combination[Title/Abstract]) AND (cancer[Title/Abstract] OR neoplasm[Title/Abstract] OR tumor[Title/Abstract] OR tumors[Title/Abstract] OR Neoplasia*[Title/Abstract] OR Malignant Neoplasm*[Title/Abstract] OR Malignanc*[Title/Abstract] OR Neoplasm*, Malignant[Title/Abstract] OR Benign Neoplasm*[Title/Abstract] OR Neoplasm*, Benign[Title/Abstract] OR Transplant[Title/Abstract] OR leukemia[Title/Abstract] OR lymphoma[Title/Abstract])) AND (chemotherapy[Title/Abstract] OR CTX[Title/Abstract] OR Chemotherapies[Title/Abstract]) 244 |
| Embase | ((('syndrome':ti OR 'symptom cluster*':ti OR 'symptom* constellation*':ti OR 'concurrent symptom*':ti OR 'multiple symptom*':ti OR 'symptom* combination*':ti OR 'co-occurrence symptom*':ti) AND (cancer:ti OR neoplasm:ti OR tumor:ti OR tumors:ti OR neoplasia*:ti OR 'malignant neoplasm*':ti OR malignanc*:ti OR malignant:ti OR 'benign neoplasm*':ti OR neoplasm*:ti OR benign:ti OR transplant:ti OR leukemia:ti OR lymphoma:ti)) AND (chemotherapy:ti OR ctx:ti OR chemotherapies:ti) 2001~2023 493 |
| Ovid MEDLINE | (((((syndrome or symptom cluster* or symptom* constellation* or concurrent symptom* or multiple symptom* or symptom* combination* or co-occurrence symptom*) and (cancer or neoplasm or tumor or tumors or Neoplasia* or Malignant Neoplasm* or Malignanc* or Malignant or Benign Neoplasm* or Benign or Transplant or leukemia or lymphoma)).ti.) and (chemotherapy or CTX or Chemotherapies).m_titl.) limited to yr = "2001~Current" 420 |
| Cochrane Library | Trials matching syndrome OR symptom cluster* OR symptom* constellation* OR concurrent symptom* OR multiple symptom* OR symptom* combination* OR co-occurrence symptom* in Record Title AND cancer OR neoplasm OR tumor OR tumors OR Neoplasia* OR Malignant Neoplasm* OR Malignanc* OR Neoplasm* OR Malignant OR Benign Neoplasm* OR Benign OR Transplant OR leukemia OR lymphoma in Record Title AND chemotherapy OR CTX OR Chemotherapies in Record Title - (Word variations have been searched) 139 |
| CINAHL | ((syndrome OR symptom cluster* OR symptom* constellation* OR concurrent symptom* OR multiple symptom* OR symptom* combination* OR co-occurrence symptom*) and (cancer OR neoplasm OR tumor OR tumors OR Neoplasia* OR Malignant Neoplasm* OR Malignanc* OR Neoplasm* OR Malignant OR Benign Neoplasm* OR Benign OR Transplant OR leukemia OR lymphoma)).ti. 171 |
| WOS | Title = (syndrome or symptom cluster* or symptom* constellation* or concurrent symptom* or multiple symptom* or symptom* combination* or co-occurrence symptom*) AND Title = (cancer or neoplasm or tumor or tumors or Neoplasia* or Malignant Neoplasm* or Malignanc* or Neoplasm* or Malignant or Benign Neoplasm* or Benign or Transplant or leukemia or lymphoma) AND Title = (chemotherapy or CTX or Chemotherapies). Restricted to: 2001/1/1~2023/5/30. 683 |

CINAHL = Cumulative Index to Nursing and Allied Health Literature; CTX = Cyclophosphamide; Embase = Excerpta Medica Database; WOS = Web of Science.