**PubMed Search Strategy**

Filters (applied to all searches): Aged 65+ years, English

1. ((neoplasms) AND (chemotherapy)) AND (cognitive function)) AND (nonpharmacological interventions)
2. ((neoplasms) AND (cognitive function)) AND (nonpharmacological interventions)
3. ((((neoplasm\*[MeSH Terms]) OR ((cancer\* or neoplas\* or tumor\* or tumour\* or carcinoma\* or adenocarcinoma\* or malignant\* or leukemia\* or leukaemia\*))) AND (chemo\* brain)) OR (chemo\* fog)) AND (cognitive training)
4. (((neoplasm[MeSH Terms]) OR ((cancer\* or neoplas\* or tumor\* or tumour\* or carcinoma\* or adenocarcinoma\* or malignant\* or leukemia\* or leukaemia\*))) ) AND (cognitive function) AND (interventions)
5. chemotherapy induced cognitive impairment [All Fields]
6. "Chemotherapy-Related Cognitive Impairment/therapy"[Majr]

**MEDLINE Search Strategy**

Filters (applied to all searches): LANGUAGE: (English), AGE GROUP: (Aged)

1. ((MH=(Cancer))
2. ((MH=(Cognitive Dysfunction))
3. #1 AND #2
4. TI=cognitive dysfunction in cancer patients
5. TI=treatment for cancer related cognitive impairment
6. Topic: treatment for cancer related cognitive dysfunction
7. TS: chemo brain treatments

**EMBASE Search Strategy**

Filters (applied to all searches): Age Group: Aged, Language: English

1. ('cancer related cognitive impairment'/exp OR ‘cancer related cognitive impairment’) AND ('malignant neoplasm'/exp OR ‘malignant neoplasm’) AND ('treatment'/exp OR ‘treatment’)
2. (‘nonpharmacological interventions’ OR (nonpharmacological AND (‘interventions’/exp OR interventions))) AND ‘cancer related cognitive impairment’
3. (‘cancer related cognitive impairment’/exp OR ‘cancer-related cognitive impairment’) AND older AND (‘adults’/exp OR adults)
4. (‘cognition’/exp OR ‘cognition’) AND (‘neoplasm’/exp OR ‘neoplasm’) AND (‘older adults’)

**CINAHL Search Strategy**

Filters (applied to all searches): Age Group: Aged, Language: English

1. neoplasms (TX all text) AND cognitive function (TX all text) AND nonpharmacological interventions (TX all text)
2. (SmartText Search) nonpharmacological interventions for cancer-related cognitive dysfunction in older adults, (MW Word in Subject Heading) cancer
3. cancer AND cognitive function AND nonpharmacological interventions
4. (SmartText Search) neoplasms, cognitive dysfunction, interventions AND cancer (TX)
5. (SmartText Search) chemo brain in older adults AND interventions
6. (SmartText Search) chemo fog in older adults AND interventions
7. (SmartText Search) chemotherapy induced cognitive dysfunction in older adults AND interventions