

Home care demands for childhood cancer from the perspective of caregivers: Systematic Review.

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Citation

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REVIEW TITLE AND BASIC DETAILS

Review title

Home care demands for childhood cancer from the perspective of caregivers: Systematic Review.

Original language title

Demandas de cuidado domiciliar do câncer infantojuvenil na perspectiva dos cuidadores: Revisão Sistemática.

Review objectives

- Population: Caregivers of children or adolescents with cancer.
- Intervention: Home care.
- Comparison: Compare diagnosis and age range with home care demands.
- Outcome: Types of care demands, causes of these demands and their consequences on the lives of caregivers.

SEARCHING AND SCREENING

Searches

The SciELO, PubMed, Scopus, Central Cochrane and Web of Science databases will be consulted. Scientific articles published in Portuguese and English, available in full and with free access, that address the demands of home care for children and adolescents with cancer from the perspective of caregivers, with no time limit on the year of publication, will be selected. Studies that do not fit the scientific article format, such as theses, dissertations, book chapters, manuals, guides, reports and reviews, will be excluded. In addition, those that do not provide specific data on the demands of home care for children and adolescents with cancer from the perspective of caregivers.

Study design

Observational, experimental, qualitative studies, integrative literature reviews and systematic reviews that address the demands of home care for children or adolescents with cancer from the perspective of the caregiver/parent/father/mother/family member/guardian will be included. Studies that do not provide information on the demands of home care for children or adolescents with cancer will be excluded.

ELIGIBILITY CRITERIA

Condition or domain being studied

Childhood cancer, affecting individuals aged 0 to 19, is marked by abnormal malignant cell growth. In Brazil, an estimated 7,930 new cases are expected annually from 2023 to 2025. Cancer is now the leading cause of disease-related deaths among children and adolescents aged 1 to 19, accounting for 8% of deaths in this group. A cancer diagnosis profoundly impacts the family, particularly the primary caregiver, evoking a range of emotions. Home care for children with cancer presents significant challenges, as caregivers must adapt to new responsibilities and develop caregiving skills amid fears and uncertainties. Transitioning care to the home environment requires parents to manage complex treatments and overcome insecurity. Despite extensive research on hospital-based cancer treatment, there is a noticeable gap in understanding the home care demands of this population from caregivers' perspectives. This underscores the need for studies that explore these demands, given caregivers' crucial role in treatment adherence and success.

Population

Studies that target caregivers, parents, family members or guardians of children or adolescents with cancer who provide home care will be included. Studies that target caregivers of children or adolescents with cancer who do not have experience in home care will be excluded.

Intervention(s) or exposure(s)

Home care demands for children and adolescents with cancer, such as hygiene, feeding, mobility, medication administration and dressings. Care demands that occur in an outpatient or hospital setting will be excluded.

Comparator(s) or control(s)

Not applicable

Context

Studies that address care in the home environment, that is, care provided outside the hospital, will be included.

OUTCOMES TO BE ANALYSED

Main outcomes

Studies will be included when they present demands for home care of children or adolescents with cancer from the perspective of caregivers.

Additional outcomes

Not applicable

DATA COLLECTION PROCESS

Data extraction (selection and coding)

Data will be extracted from the studies included in the review by two independent reviewers using a standardised data extraction tool. The extracted data will include specific details about the population, study methods, interventions and outcomes that are significant for the purpose of the review. Any disagreements that arise between the reviewers will be resolved through discussion or with a third reviewer.

Risk of bias (quality) assessment

Included studies will be critically appraised by two independent reviewers at the study level for methodological quality in the review, using standardized critical appraisal instruments. Any disagreements that arise will be resolved through discussion or with a third reviewer. The results of the critical appraisal will be reported in narrative form, tables, charts and flowcharts.

PLANNED DATA SYNTHESIS

Strategy for data synthesis

The data extracted will include specific details about the interventions, populations, methods, and outcomes of significance to the guiding question and specific objectives.

Analysis of subgroups or subsets

Not applicable

REVIEW AFFILIATION, FUNDING AND PEER REVIEW

Review team members

- Dr Livia de Aguiar Valentim, University of State Para
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Funding source

not applicable

Named contact

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TIMELINE OF THE REVIEW

Review timeline

Start date: 23 August 2024. End date: 30 December 2024

Date of first submission to PROSPERO

18 August 2024

Date of registration in PROSPERO

29 August 2024

CURRENT REVIEW STAGE

Publication of review results

The intention is not to publish the review once completed.

Stage of the review at this submission

Review stage	Started	Completed
Pilot work		
Formal searching/study identification		
Screening search results against inclusion criteria		
Data extraction or receipt of IP		
Risk of bias/quality assessment		
Data synthesis		

Review status

The review is currently planned or ongoing.

ADDITIONAL INFORMATION

PROSPERO version history

- Version 1.1 published on 29 Aug 2024
- Version 1.0 published on 29 Aug 2024

Review conflict of interest

None known

Country

Brazil

Medical Subject Headings

Adaptation, Psychological; Adolescent; Caregivers; Causality; Child; Home Care Services; Humans; Neoplasms

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