

# INPLASY PROTOCOL

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None declared.

## Optimizing music interventions for people with dementia from caregivers' perspective: A systematic review of qualitative research

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**Review question / Objective:** The purpose of this study was to collect and analyze the attitudes and opinions of dementia caregivers towards music intervention, and put forward corresponding suggestions for optimization.

**Condition being studied:** Our study was aimed to explore the experiences and perceptions of music therapy by caregivers, thus we rejected a number of qualitative studies that included music therapists, people with dementia, and others in the interviews.

**Information sources:** PubMed, Web of Science, Cochrane Library, Embase, and CINAHLMEDLINE, Embase, CINAHL, and PubMed.

**INPLASY registration number:** This protocol was registered with the International Platform of Registered Systematic Review and Meta-Analysis Protocols (INPLASY) on 28 April 2023 and was last updated on 28 April 2023 (registration number INPLASY202340107).

### INTRODUCTION

**Review question / Objective:** The purpose of this study was to collect and analyze the attitudes and opinions of dementia caregivers towards music intervention, and

put forward corresponding suggestions for optimization.

**Condition being studied:** Our study was aimed to explore the experiences and perceptions of music therapy by

caregivers, thus we rejected a number of qualitative studies that included music therapists, people with dementia, and others in the interviews.

## METHODS

**Participant or population:** Formal and informal caregivers of dementia patients include Caregivers, nurses, nursing assistants, patients' relatives, etc.

**Intervention:** Experiences and perceptions of music therapy after using or experiencing it.

**Comparator:** Caretakers of dementia patients who work in hospitals, nursing homes, senior centers, the community, at their homes, or in other healthcare settings.

**Study designs to be included:** Qualitative or mixed methods research provides qualitative results, and qualitative approaches are not confined to phenomenology, grounded theory, ethnography, etc.

**Eligibility criteria:** Excluded criteria: 1. Quantitative studies, conference abstracts, research programmers; 2. Systematic and other types of reviews. 3. The mixed report does not go into great detail about the qualitative findings. 4. The extracted qualitative results do not correspond to the subject of this study.

**Information sources:** PubMed, Web of Science, Cochrane Library, Embase, and CINAHL MEDLINE, Embase, CINAHL, and PubMed.

**Main outcome(s):** Optimization suggestions from dementia caregivers.

**Quality assessment / Risk of bias analysis:** We evaluated the quality of included studies using the Joanna Briggs Institute (JBI) qualitative assessment and review tool. The quality of each included study was independently evaluated by two reviewers. Inconsistencies that developed

were discussed by the two reviewers or evaluated by a third reviewer. There were ten questions on the list, each of which could be answered "No," "Yes," or "Not Applicable." Based on the amount of "yes" questions, the final score was calculated and rated as follows: low (0-4 items), medium (5-7 things), and high (8-10 items). Studies with low ratings were eliminated. The goal of the quality evaluation was to highlight the quality of the existing evidence on the topic using a systematic and consistent procedure.

**Strategy of data synthesis:** We will synthesise findings from the included studies, guided by Thomas and Harden's (2008) three stages of thematic synthesis: 1) free line-by-line coding of primary findings, 2) identifying and developing "descriptive" themes from these coded findings, and 3) developing "analytical" themes that provide a new interpretation of the descriptive themes.

**Subgroup analysis:** Subgroup or subset analyses of papers focusing on dementia caregivers' perceptions of musical interventions will be presented separately from the experience. Papers with views on other roles (for example, music therapist or manager) will be submitted separately from dementia caregivers.

**Sensitivity analysis:** Not applicable.

**Language restriction:** English.

**Country(ies) involved:** China.

**Keywords:** Thematic analysis, Qualitative research, Dementia, Caregivers, Music Interventions.

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