



# Exploring nursing assessment, diagnoses, goals, interventions and outcomes in family nursing: an umbrella review protocol

Bruna César-Santos <sup>1, 2, 3</sup>  0009-0008-3588-9897

Fernanda Bastos <sup>4</sup>  0000-0003-3097-7114

Filipe Pereira <sup>4</sup>  0000-0002-3480-6243

Maria Joana Campos <sup>4</sup>  0000-0001-8894-3633

<sup>1</sup> University of Porto, School of Medicine and Biomedical Sciences (ICBAS), Porto, Portugal

<sup>2</sup> University of Porto, Nursing School of Porto, Porto, Portugal

<sup>3</sup> Gaia and Espinho Local Health Unit, Vila Nova de Gaia, Portugal

<sup>4</sup> University of Porto, Portugal

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### Corresponding Author:

Bruna Andreia Ribeiro César-Santos; University of Porto, School of Medicine and Biomedical Sciences, Porto, Portugal; up202502891@up.pt

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## ABSTRACT

**Introduction:** Families are a fundamental context for health, influencing care needs, decision-making, and health outcomes across the life course. In nursing, the family may be approached as context and/or as a unit of care; however, the conceptualization and operationalization of family nursing care planning remains inconsistent across clinical settings. Existing evidence suggests variability in how nurses assess families, formulate diagnoses, establish goals, implement interventions, and evaluate outcomes.

**Objectives:** To outline the methodological approach for an umbrella review designed to map and synthesize evidence from systematic reviews and meta-analyses on nursing assessments, diagnoses, goals, interventions, and outcomes in family nursing, across all levels of family focus and healthcare contexts.

**Methodology:** Following the Joanna Briggs Institute methodology for umbrella reviews, the searches will be conducted in MedLine Ultimate, CINAHL Ultimate, MedicLatina (via EBSCOhost), Scopus, and grey literature. Eligible sources will include systematic reviews and meta-analyses published in English, Portuguese, or Spanish between 2014 and 2025. The protocol adheres to PRISMA-P guidelines, and is registered in the Open Science Framework. Findings will be organized narratively and summarized in “Summary of Evidence” tables.

**Conclusions:** The review will synthesize how family care planning is conceptualized and implemented in nursing practice, identifying shared elements, inconsistencies, and research gaps. It shall enhance understanding of family nursing care across contexts, reinforcing its theoretical and empirical foundations.

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### Autor correspondente:

Bruna Andreia Ribeiro César-  
Santos; Instituto de Ciências  
Biomédicas Abel Salazar,  
Universidade do Porto, Portugal;  
up202502891@up.pt

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## RESUMO

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**Introdução:** A família constitui um contexto fundamental para a saúde, influenciando necessidades de cuidados, tomadas de decisão e resultados ao longo do ciclo vital. Em enfermagem, a família pode ser abordada como contexto e/ou como unidade de cuidados; contudo, a conceptualização e operacionalização deste planeamento de cuidados revela-se pouco consistente. A evidência existente demonstra variabilidade na forma como os enfermeiros avaliam as famílias, formulam diagnósticos, definem objetivos, implementam intervenções e avaliam resultados.

**Objetivos:** Apresentar a abordagem metodológica de uma revisão guarda-chuva para mapear e sintetizar a evidência proveniente de revisões sistemáticas e meta-análises sobre avaliação, diagnósticos, objetivos, intervenções e resultados, no âmbito da enfermagem de família, abrangendo todos os níveis de enfoque familiar e diferentes contextos de cuidados de saúde.

**Metodologia:** De acordo com a metodologia de Joanna Briggs Institute para revisões *umbrella*, serão realizadas pesquisas nas bases de dados MedLine Ultimate, CINAHL Ultimate, MedicLatina (via EBSCOhost), Scopus e na literatura cinzenta. Serão incluídas revisões sistemáticas e meta-análises publicadas em inglês, português ou espanhol, entre 2014 e 2025. O protocolo segue as orientações PRISMA-P e encontra-se registado na Open Science Framework (OSF). Os resultados serão organizados de forma narrativa e sintetizados em tabelas de “Síntese da Evidência”.

**Conclusões:** Prevê-se que a revisão sintetize a forma como o planeamento dos cuidados às famílias é conceptualizado e operacionalizado na prática de enfermagem, identificando elementos comuns, inconsistências e lacunas. Este estudo irá aprofundar a compreensão dos cuidados de enfermagem de família em diversos contextos, reforçando os seus fundamentos teóricos e empíricos.

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## Introduction

Family is the fundamental context for supporting individuals' life and health, where the main milestones of the life cycle occur.<sup>1</sup> Despite the growing recognition of the systemic approach to the family, uncertainty remains regarding its clinical outcomes - partly due to the lack of a clear definition of family-centered care and the difficulty in generating indicators based on existing documentation.<sup>2</sup>

According to the typology proposed by Robinson,<sup>3</sup> family nursing care may be provided to families considering different levels of focus. These levels include: the individual as a family member, where the family serves as context and the emphasis is on the individual; the individual as part of a family subgroup, where both individuals and their relationships are considered within the family context; the family as a unit of care, in which the family itself is the primary focus of care; and both individuals and the family simultaneously, where care addresses multiple levels of the family system. This review therefore includes all these typologies, in order to comprehensively explore the conception of care provided to families.

Family nursing involves evidence-based practices to assess family health, formulate nursing diagnoses, and define interventions, drawing on contributions from various nursing models to support families as a system.<sup>4</sup> However, its incorporation into clinical practice remains limited.<sup>5</sup> One

of the main challenges has been the formalization of knowledge to support nursing practice.<sup>6</sup> In this regard, nursing ontology serves as a foundational tool for structuring clinical reasoning and care documentation. By organizing data, diagnoses, goals, and interventions, it provides a logical framework that supports nursing decision-making. This becomes particularly relevant as health information systems increasingly shape care delivery, outcome monitoring, and policy development.<sup>7</sup> Within this context, the proposed study will contribute to advance the structuring of nursing ontology in the field of family health.

Despite significant advancements in Nursing Information Systems (NIS) in Portugal,<sup>8-11</sup> including efforts toward the use of standardized language to support care documentation and clinical decision-making, current systems still lack adequate representation of the family as a unit of care. This gap limits the visibility and continuity of family-focused nursing practice.<sup>12</sup> While existing nursing ontologies - such as those incorporating the concept of “family process” - have made progress in structuring nursing knowledge in areas, like organization of home functioning; residential building; family preparing to integrate a family member with a behavioral problem, to the arrival of the newborn, or for including a family member dependent in self-care; and family planning, further research is needed to consolidate and expand their content.<sup>13</sup> International guidelines, such as those from the International Family Nursing Association

(IFNA),<sup>14</sup> reinforce the importance of integrating family nursing knowledge into clinical practice, highlighting the need for synthesized evidence regarding the specific nursing data, diagnoses, goals, and interventions that should guide care planning for families across different healthcare settings. As such, the proposed umbrella review will be part of a broader research project aimed at strengthening the representation of family nursing knowledge within a nursing ontology.

A preliminary search of PROSPERO was conducted, and no current or ongoing umbrella reviews on the topic were identified. MEDLINE Complete and CINAHL Complete have also been used for this initial research, aimed at identifying relevant keywords and refining the subsequent search strategy during the methodological development phase. It revealed a substantial body of scientific literature on the subject. For instance, in MEDLINE Complete, publications dated back to 1991, with a notable peak in 2022. A high proportion of these were review articles, indicating that the topic has already been extensively explored. Similarly, in CINAHL Complete, publications span from 1984 to a peak in 2014. Once again, a significant number of reviews were identified. As a result, it became essential to narrow the scope of the research to ensure a more targeted and meaningful synthesis. Consequently, the decision to conduct an umbrella review was deemed methodologically appropriate. This approach allows for a comprehensive and structured overview of the synthesized knowledge, enhancing the relevance, clarity, and practical utility of the findings for both research and clinical practice.<sup>15</sup>

Using an umbrella review methodology, this study aims to map and synthesize review-level evidence from systematic reviews and meta-analyses, focusing on how nurses' conceptions of family care planning are reported or synthesized, including nursing assessment data, diagnoses, goals, interventions, and outcomes. This will provide an integrated overview of how family care planning is conceptualized and operationalized in nursing practice - whether the family is addressed as the context for individual care, as part of a relational subgroup, or as the central unit of care, and across diverse healthcare settings.

## Methodology

The present umbrella review protocol will be conducted in accordance with the JBI methodology for umbrella reviews<sup>15,16</sup> and reported following the Preferred Reporting Items for Systematic Review and Meta-Analysis Protocols (PRISMA-P) guidelines,<sup>17</sup> as seen in supplementary file 1, in accordance with the EQUATOR Network recommendations.<sup>18</sup> It is registered in the Open Science Framework (OSF): <https://doi.org/10.17605/OSF.IO/5N4CM>. Any amendments to the protocol will be documented and described in the final umbrella review report.

## Review Question

The search was performed considering a PICo (Participants, Interest, Context) question (Supplementary file 2), aiming to address the following main research question: *What assessment data, nursing diagnoses, objectives, interventions, and outcomes are reported in existing systematic reviews and meta-analyses as relevant when planning and delivering care to families in the various nursing contexts of care?* This question is further divided into the following sub questions:

- i. What assessment data are considered when providing care to families?
- ii. What nursing diagnoses and/or focus areas are considered when planning care for families?
- iii. What goals are established when planning care for families?
- iv. What potential outcomes are targeted when planning care for families?
- v. What interventions are implemented when delivering care to families?

## Inclusion Criteria

The review will consider the following inclusion criteria:

- Participants (P): studies focusing on families receiving nursing care — including individual family members, family dyads, subsets or subsystems, family caregivers, or the family as a unit of care — will be considered.
- Phenomena of Interest (I): systematic reviews or meta-analyses focusing on the analysis of care planning in family nursing, and specifically focusing on nursing assessment, nursing diagnoses and/or areas of focus, goals of care, outcomes, and the implementation of nursing interventions, addressing each review question.
- Context (Co): studies including a range of nursing care or healthcare settings along the continuum of care will be considered — including, but not limited to, primary care, community-based services, home care, long-term care facilities, acute care settings, and palliative contexts — provided they explicitly incorporate a nursing perspective.

Studies will be excluded if they do not focus on family nursing or nursing practice, or if they primarily address the roles of healthcare professionals other than nurses.

## Evidence sources

A combination of databases was selected to ensure both breadth and contextual relevance of the literature retrieved. MEDLINE Ultimate offers broad international coverage of peer-reviewed biomedical literature, including nursing, making it a key resource for identifying high-quality research relevant to family nursing. CINAHL Ultimate, the most comprehensive database dedicated specifically to nursing and allied health, provides access to specialized content,

including qualitative and practice-based studies central to the scope of this review. MedicLatina was included to ensure representation of research from Latin America and the Iberian Peninsula, thereby capturing culturally specific healthcare practices. Scopus, as one of the largest abstract and citation databases, ensures access to a wide range of interdisciplinary research, including substantial content in nursing and health sciences, thus supporting the identification of both empirical studies and theoretical frameworks.

Finally, Repositório Científico de Acesso Aberto de Portugal (RCAAP) and Community Research and Development Information Service (CORDIS) platforms were included to search for grey literature. RCAAP was selected to identify eligible systematic reviews among academic outputs produced in Portugal, thereby contributing to a more complete and context-specific understanding of family nursing practices in the national context. CORDIS, on the other hand, was used to explore reports and research funded by governmental and intergovernmental organizations at the European level, potentially offering additional systematic reviews not indexed in the databases searched.

Based on the preliminary search and the volume of articles identified, the earliest notable peak in relevant publications was observed in 2014. In line with JBI guidelines, which recommend including evidence from the past 5 to 10 years,<sup>15</sup> the year 2014 was selected as the starting point for the literature search. Accordingly, this review will consider evidence published between January 1st, 2014, and July 7th, 2025, which corresponds to the date on which the final search was conducted. The language selection for the search included English, as it dominates the landscape of scientific publishing and ensures broad access to international research. Portuguese was also included as the study is being conducted in Portugal, and to capture relevant national literature, as well as the substantial body of research from Brazil, where the family health strategy has been generating extensive evidence on family nursing and primary care. In addition, Spanish was considered essential, in order to incorporate perspectives from other Latin American countries, which emerged as significant in the preliminary search and contribute to a more inclusive and culturally representative synthesis within the Ibero-American context.

### Search strategy

A three-phase search process was undertaken to develop the final search strategy. Initially, keywords were identified based on Medical Subject Headings (MeSH), CINAHL Subject Headings and free search terms (supplementary file 3), followed by analysis of the text words in titles and abstracts and the index terms used to describe relevant systematic reviews. Terms such as “systematic review” and “meta-analysis” were added to the search string to ensure inclusion of review-level evidence. In the second phase,

database-specific search filters were constructed and adapted for each of the selected bibliographic databases. The search strategy is detailed in supplementary file 3 and represented in table 1.

**Table 1.** Final search strategy (July 7<sup>th</sup> 2025).

Databases	Boolean Phrase and Filters	Results
Medline Ultimate (via EBSCOhost Web)	XB ("Family" OR "Families" OR "Relatives" OR "Family Members" OR "Family Member" OR "Caregivers" OR "Family Caregiver" OR "Family Caregivers" OR "Caregiver, Family" OR "Caregivers, Family" OR "Spouse Caregivers" OR "Spouse Caregiver" OR "Caregiver, Spouse" OR "Caregivers, Spouse" OR "Informal Caregiver" OR "Informal Caregivers" OR "Caregiver, Informal" OR "Caregivers, Informal" OR "Family dyad" OR "Family dyads" OR "Family subsystem" OR "Family subsystems") AND XB (("Nursing Assessment" OR "Assessment, Nursing" OR "Assessments, Nursing" OR "Nursing Assessments" OR "Nursing Diagnosis" OR "Diagnoses, Nursing" OR "Diagnosis, Nursing" OR "Nursing Diagnoses" OR "Patient Care Planning" OR "Care Planning, Patient" OR "Planning, Patient Care" OR "Nursing Care Plans" OR "Care Plan, Nursing" OR "Care Plans, Nursing" OR "Nursing Care Plan" OR "Plan, Nursing Care" OR "Plans, Nursing Care" OR "Goals of Care" OR "Care Goal" OR "Care Goals" OR "Family Outcome Assessment" OR "Assessments, Family Outcome" OR "Outcome Assessments, Family" OR "Family Outcome Assessments" OR "Assessment, Family Outcome" OR "Assessment, Family Outcomes" OR "Family Outcomes Assessment" OR "Outcome Assessment, Family" OR "Outcomes Assessments, Family" OR "Nursing Interventions" OR "Nursing Intervention" OR "Nursing documentation" OR "Family nursing records") AND XB "Nursing" AND XB (Systematic review OR Meta analysis)	47
CINHAL Ultimate (via EBSCOhost Web)	XB (XB (MH "Family+" OR MH "Nuclear Family+" OR MH "Caregivers" OR "Family dyad" OR "Family dyads" OR "Family subsystem" OR "Family subsystems" OR "Family as a unit of care" OR "Relatives" OR "Family Members" OR "Family Member" OR "Family Caregiver" OR "Family Caregivers" OR "Caregiver, Family" OR "Caregivers, Family" OR "Spouse Caregivers" OR "Spouse Caregiver" OR "Caregiver, Spouse" OR "Informal Caregiver" OR "Informal Caregivers" OR "Caregiver, Informal" OR "Caregivers, Informal") AND XB (XB (MH "Family Assessment" OR MH "Nursing Assessment" OR MH "Nursing Diagnosis" OR MH "NANDA Nursing Diagnoses+" OR MH "Saba Clinical Care Nursing Diagnoses+" OR MH "Nursing Care Plans+" OR MH "Goal-Setting" OR MH "Goals and Objectives+" OR MH "Outcome Assessment" OR MH "Nursing Outcomes" OR MH "Iowa Nursing Outcomes Classification+" OR MH "Family Health (Iowa NOC)+" OR MH "Family Member Health Status (Iowa NOC)+" OR MH "Nursing Interventions" OR MH "Iowa Nursing Interventions Classification+" OR MH "Saba Clinical Care Nursing Interventions+" OR MH "Family (Iowa NIC)+" OR MH "Family Care (Iowa NIC)+")) AND XB (MH "Nursing Care+") AND MH "Systematic Review" OR MH "Meta Analysis")	99
MedicLatina (via EBSCOhost Web)	AB ("Family" OR "Families" OR "Relatives" OR "Family Members" OR "Family Member" OR "Caregivers" OR "Family Caregiver" OR "Family Caregivers" OR "Caregiver, Family" OR "Caregivers, Family" OR "Spouse Caregivers" OR "Spouse Caregiver" OR "Caregiver, Spouse" OR "Caregivers, Spouse" OR "Informal Caregivers" OR "Informal Caregiver" OR "Informal Caregivers" OR "Caregiver, Informal" OR "Caregivers, Informal" OR "Family dyad" OR "Family dyads" OR "Family subsystem" OR "Family subsystems") AND AB ("Nursing Assessment" OR "Assessment, Nursing" OR "Assessments, Nursing" OR "Nursing Assessments" OR "Nursing Diagnosis" OR "Diagnoses, Nursing" OR "Diagnosis, Nursing" OR "Nursing Diagnoses" OR "Patient Care Planning" OR "Care Planning, Patient" OR "Planning, Patient Care" OR "Nursing Care Plans" OR "Care Plan, Nursing" OR "Care Plans, Nursing" OR "Nursing Care Plan" OR "Plan, Nursing Care" OR "Plans, Nursing Care" OR "Goals of Care" OR "Care Goal" OR "Care Goals" OR "Family Outcome Assessment" OR "Assessments, Family Outcome" OR "Outcome Assessments, Family" OR "Family Outcome Assessments" OR "Assessment, Family Outcome" OR "Assessment, Family Outcomes" OR "Family Outcomes Assessment" OR "Outcome Assessment, Family" OR "Outcomes Assessments, Family" OR "Nursing Interventions" OR "Nursing Intervention" OR "Nursing documentation" OR "Family nursing records") AND AB Nursing	63

<b>Scopus</b>	TITLE-ABS-KEY ( ( "Family" OR "Families" OR "Relatives" OR "Family Members" OR "Family Member" OR "Caregivers" OR "Family Caregiver" OR "Family Caregivers" OR "Caregiver, Family" OR "Caregivers, Family" OR "Spouse Caregivers" OR "Spouse Caregiver" OR "Caregiver, Spouse" OR "Caregivers, Spouse" OR "Informal Caregiver" OR "Informal Caregivers" OR "Caregiver, Informal" OR "Caregivers, Informal" OR "Family dyad" OR "Family dyads" OR "Family subsystem" OR "Family subsystems" ) ) AND TITLE-ABS-KEY ( ( "Nursing Assessment" OR "Assessment, Nursing" OR "Assessments, Nursing" OR "Nursing Assessments" OR "Nursing Diagnosis" OR "Diagnoses, Nursing" OR "Diagnosis, Nursing" OR "Nursing Diagnoses" OR "Patient Care Planning" OR "Care Planning, Patient" OR "Planning, Patient Care" OR "Nursing Care Plans" OR "Care Plan, Nursing" OR "Care Plans, Nursing" OR "Nursing Care Plan" OR "Plan, Nursing Care" OR "Plans, Nursing Care" OR "Goals of Care" OR "Care Goal" OR "Care Goals" OR "Family Outcome Assessment" OR "Assessments, Family Outcome" OR "Outcome Assessments, Family" OR "Family Outcome Assessments" OR "Assessment, Family Outcome" OR "Assessment, Family Outcomes" OR "Family Outcomes Assessment" OR "Outcome Assessment, Family" OR "Outcomes Assessments, Family" OR "Nursing Interventions" OR "Nursing Intervention" OR "Nursing documentation" OR "Family nursing records" ) ) AND TITLE-ABS-KEY ( nursing ) AND PUBYEAR > 2013 AND PUBYEAR < 2026 AND ( LIMIT-TO ( LANGUAGE , "English" ) OR LIMIT-TO ( LANGUAGE , "Spanish" ) OR LIMIT-TO ( LANGUAGE , "Portuguese" ) ) AND ( LIMIT-TO ( SRCTYPE , "j" ) ) AND TITLE-ABS-KEY ( "systematic review" OR "meta analysis" ) AND PUBYEAR > 2013 AND PUBYEAR < 2026 AND ( LIMIT-TO ( LANGUAGE , "English" ) OR LIMIT-TO ( LANGUAGE , "Spanish" ) OR LIMIT-TO ( LANGUAGE , "Portuguese" ) ) AND ( LIMIT-TO ( SRCTYPE , "j" ) )	137
<b>RCAAP</b>	Description "enfermagem" AND Description "sistemática" AND Description "família" From 2014 to 2025; Portuguese, English, Spanish; Scientific Article	36
<b>CORDIS</b>	'famil*' AND 'nurs*' AND 'systematic' AND 'review'	33
<b>Total</b>		<b>415</b>

## Study selection

Following the search, all identified articles will be collated and uploaded into the Rayyan® software, where duplicates will be manually removed. The choice to employ this software was based on its effectiveness in optimizing the article screening and selection process, thereby fostering improved workflow efficiency and reviewer collaboration.<sup>19</sup> After conducting a pilot test by the whole review team, titles and abstracts will be screened against the inclusion criteria by two independent reviewers. The reasons for exclusion will be documented at each screening stage and reported in the final review.

Potentially relevant sources will be retrieved in full-text format and then assessed in detail by two or more independent reviewers against the inclusion criteria. The results of the search, along with the study inclusion and exclusion process, will be fully documented and presented in a PRISMA flow diagram.<sup>20</sup>

In line with the purpose of this umbrella, the primary focus will not be on excluding studies based on methodological quality, but rather on capturing and integrating the breadth of available evidence. The methodological quality of the included reviews will still be appraised after full-text eligibility is confirmed, and prior to extraction of findings, using the JBI Critical Appraisal Checklist for Systematic Reviews and Research Syntheses (supplementary file 4). The appraisal will be conducted independently by two reviewers in

accordance with the JBI Reviewer's Manual.<sup>16</sup> Any discrepancies will be resolved through discussion or consultation with a third reviewer. The results of this appraisal will be presented descriptively in the final report, to provide transparency and contextualize the findings, but no reviews will be excluded on the basis of quality.

## Data extraction

Data will be extracted from eligible full-text reviews using a standardized extraction form adapted from the JBI data extraction tool.<sup>15</sup> This tool, as presented in table 2, will capture key details such as authorship, year of publication, objectives, participants, phenomena of interest, context, eligibility criteria, databases searched, search strategy used, number of studies included in the review and their design, countries where the primary studies were conducted, quality assessment methods including the instruments used to appraise the primary studies, analysis methods, and key findings regarding nursing care planning. Prior to commencing data extraction, the data collection form will be independently piloted by two reviewers, to ensure consistency in the interpretation of each item. Extraction of findings will be conducted after completion of methodological appraisal, allowing appraisal results to be reported alongside the extracted evidence. Data extraction will be performed by one reviewer and independently verified by a second reviewer. Any discrepancies identified during this stage will be resolved through discussion, with the involvement of a third reviewer if necessary. The tool will be refined throughout the data extraction process, with any modifications documented in the final umbrella review.

**Table 2.** Data extraction tool.

Authors / Year	Authors' surname / year of publication
Objective(s)	Study purpose/aim
Participants	Total number and defining characteristics
Setting / Context	Context of care
Interventions/ Phenomena of Interest	Succinct details of the interventions or phenomena of interest
Search Details	Framework, search terms, research question, inclusion criteria
Range (Years) of Included Studies	Range of publication dates for the studies included
Number of Studies Included	Report number, design, and country of included studies
Types of Studies Included	
Country of Origin of Included Studies	
Appraisal	Report quality tool and summary of study quality
Appraisal Instruments Used	
Appraisal Rating	
Analysis	Indicate synthesis type and analysis approach.
Methods of Analysis	
Outcome Assessed	Outcomes of interest
Results / Findings	Key findings: effect estimates, or heterogeneity measures for quantitative reviews, and main synthesized themes for qualitative reviews.
Significance / Direction	
Heterogeneity	
Comments	Author comments on results and methodology.

## Data analysis and presentation

The results of the screened and selected studies will be reported following the PRISMA flow diagram.<sup>20</sup> To address potential study overlap across included systematic reviews, the extent of duplication will be visually represented using the Graphical Representation of Overlap for Overviews (GROOVE) tool.<sup>21</sup> One of the main methodological challenges in umbrella reviews is the overlap of primary studies across included systematic reviews, which can distort findings and indicate duplicated research efforts. To address this, the GROOVE tool provides a visual matrix linking primary studies to the reviews in which they appear, alongside calculation of the Corrected Covered Area (CCA) to quantify the degree of overlap. It also displays pairwise overlap between reviews and accommodates structural missingness, offering a clear and user-friendly way to assessing and reporting overlap.<sup>22</sup> Assessment of overlap will support transparent interpretation of the findings and mitigate interpretive bias related to potential double counting of primary studies across reviews.

The key characteristics of all included reviews will be presented in tabular format, accompanied by a narrative synthesis of the overall body of evidence. Findings will be synthesized using three complementary tables. First, a “Context Synthesis” table will summarize the care settings addressed in each review. Second, a “Population Synthesis” table will map the level of family focus across reviews. Third, a “Global Synthesis” table will integrate the core mapped elements across reviews in relation to each review question: (i) nursing assessment data; (ii) nursing diagnoses and/or focus of attention; (iii) goals of care; (iv) care outcomes; and (v) nursing interventions. Accordingly, this table will their respective summarized categories. To support this structured synthesis, a qualitative content analysis of the extracted findings from the included reviews will be conducted, enabling systematic categorization of each finding in accordance with the ISO 18104:2014.<sup>23</sup>

Findings will also be described narratively, indicating the number and references of the reviews addressing each review question (Supplementary File 5, Tables 1 to 3). Given the primary aim of this umbrella review, no formal assessment of the certainty or strength of the evidence will be undertaken. The focus will therefore be on mapping the scope and nature of the evidence—what has been studied, in which contexts, and how family care planning has been conceptualized and operationalized—rather than on evaluating the effectiveness of interventions or grading the certainty of results. This descriptive synthesis will provide an integrated overview of the existing knowledge, inform future research, and support the development of ontologically driven nursing practice. As this umbrella review does not include quantitative synthesis or re-analysis, no formal assessment of publication bias or risk of bias due to missing results will be

undertaken. When such assessments are reported within the included systematic reviews, this information will be extracted and presented descriptively.

## Conclusion

Through the synthesis of existing evidence, the review is expected to provide a comprehensive understanding of how family care planning has been conceptualized and operationalized in nursing practice, offering insights that may guide education, research, and documentation systems toward more coherent and evidence-informed family-centered care.

The review protocol ensures methodological rigor, transparency, and reproducibility. To the best of our knowledge, this is the first umbrella review protocol aiming at systematically map and synthesize evidence on nursing assessment, diagnoses, goals, interventions, and outcomes in the field of family nursing. The inclusion of both qualitative and quantitative reviews will allow for a comprehensive understanding of family nursing care planning across contexts. Nevertheless, the review will be limited by its reliance on second-order evidence, as findings depend on the quality and reporting of included systematic reviews and meta-analyses. The focus on review-level evidence may excluded some primary studies exploring family nursing in other care contexts. However, a preliminary search without review filters revealed thematic consistency across studies, suggesting a minimal risk of omitting key conceptual areas.

Consistent with its mapping and synthesis objective, this umbrella review does not aim to evaluate intervention effectiveness or produce graded recommendations, but rather to structure and synthesize existing review-level evidence to inform practice, research, and nursing knowledge representation.

This proposed review will contribute to advancing family-centered nursing practice by identifying key elements that guide clinical decision-making, documentation, and care coordination. By promoting a clearer and more consistent conceptualization of family nursing within health information systems, the findings may support policy development aimed at enhancing continuity of care, interdisciplinary collaboration, and the visibility of family health nursing across healthcare settings.

Through a structured literature synthesis, the study will provide an updated overview of family nursing care planning, strengthening its theoretical foundations and evidence base. It will also inform the formal representation of family nursing knowledge within nursing ontologies, supporting coherent, interoperable, and evidence-based documentation. Furthermore, the results will guide future research to address conceptual gaps and promote methodological consistency in family nursing studies.

## Conflict of Interest

All authors declare no conflict of interest, financial or non-financial, to disclose.

## Data Availability

This study did not generate or analyze any datasets, therefore, data sharing does not apply. However, any additional information relevant to the search strategy or methodological details is available upon request from the corresponding author [Bruna César-Santos].

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**SUPPLEMENTARY FILE 1: PRISMA-P (Preferred Reporting Items for Systematic review and Meta-Analysis Protocols) 2015 checklist - recommended items to address in a systematic review protocol**

Section and topic	Item No	Checklist item	Information reported		Comments
			Yes	No	
<b>ADMINISTRATIVE INFORMATION</b>					
<b>Title:</b>					
Identification	1a	Identify the report as a protocol of a systematic review	X		Umbrella review
Update	1b	If the protocol is for an update of a previous systematic review, identify as such		X	N/A
<b>Registration:</b>					
	2	If registered, provide the name of the registry (such as PROSPERO) and registration number	X		OSF registration
<b>Authors:</b>					
Contact	3a	Provide name, institutional affiliation, e-mail address of all protocol authors; provide physical mailing address of corresponding author	X		
Contributions	3b	Describe contributions of protocol authors and identify the guarantor of the review	X		
Amendments	4	If the protocol represents an amendment of a previously completed or published protocol, identify as such and list changes; otherwise, state plan for documenting important protocol amendments		X	N/A
<b>Support:</b>					
Sources	5a	Indicate sources of financial or other support for the review		X	N/A
Sponsor	5b	Provide name for the review funder and/or sponsor		X	N/A
Role of sponsor or funder	5c	Describe roles of funder(s), sponsor(s), and/or institution(s), if any, in developing the protocol		X	N/A
<b>INTRODUCTION</b>					
Rationale	6	Describe the rationale for the review in the context of what is already known	X		
Objectives	7	Provide an explicit statement of the question(s) the review will address with reference to participants, interventions, comparators, and outcomes (PICO)	X		PICO
<b>METHODS</b>					
Eligibility criteria	8	Specify the study characteristics (such as PICO, study design, setting, time frame) and report characteristics (such as years considered, language, publication status) to be used as criteria for eligibility for the review	X		
Information sources	9	Describe all intended information sources (such as electronic databases, contact with study authors, trial registers or other grey literature sources) with planned dates of coverage	X		
Search strategy	10	Present draft of search strategy to be used for at least one electronic database, including planned limits, such that it could be repeated	X		
<b>Study records:</b>					
Data management	11a	Describe the mechanism(s) that will be used to manage records and data throughout the review	X		
Selection process	11b	State the process that will be used for selecting studies (such as two independent reviewers) through each phase of the review (that is, screening, eligibility and inclusion in meta-analysis)	X		
Data collection process	11c	Describe planned method of extracting data from reports (such as piloting forms, done independently, in duplicate), any processes for obtaining and confirming data from investigators	X		
<b>Data items:</b>					
	12	List and define all variables for which data will be sought (such as PICO items, funding sources), any pre-planned data assumptions and simplifications	X		
<b>Outcomes and prioritization:</b>					
	13	List and define all outcomes for which data will be sought, including prioritization of main and additional outcomes, with rationale	X		
<b>Risk of bias in individual studies:</b>					
	14	Describe anticipated methods for assessing risk of bias of individual studies, including whether this will be done at the outcome or study level, or both; state how this information will be used in data synthesis	X		
<b>Data:</b>					
Synthesis	15a	Describe criteria under which study data will be quantitatively synthesised		X	N/A
	15b	If data are appropriate for quantitative synthesis, describe planned summary measures, methods of handling data and methods of combining data from studies, including any planned exploration of consistency (such as I <sup>2</sup> , Kendall's $\tau$ )		X	N/A
	15c	Describe any proposed additional analyses (such as sensitivity or subgroup analyses, meta-regression)		X	N/A
	15d	If quantitative synthesis is not appropriate, describe the type of summary planned	X		
<b>Meta-bias(es):</b>					
	16	Specify any planned assessment of meta-bias(es) (such as publication bias across studies, selective reporting within studies)		X	N/A given the aim of the study
<b>Confidence in cumulative evidence:</b>					
	17	Describe how the strength of the body of evidence will be assessed (such as GRADE)		X	GRADE N/A given the aim of the study

Note: N/A: Not Applicable

Adapted from: Shamseer L, Moher D, Clarke M, Ghersi D, Liberati A, Petticrew M, Shekelle P, Stewart LA. Preferred reporting items for systematic review and meta-analysis protocols (PRISMA-P) 2015: Elaboration and explanation. *BMJ*. 2015;350:g7647. doi:10.1136/bmj.g7647.

Comment from the author regarding item 14 – “Risk of bias in individual studies”: As this study is an umbrella review synthesizing evidence at the level of systematic reviews and meta-analyses, no independent risk of bias assessment of individual primary studies will be conducted by the review authors. Instead, methodological quality will be appraised at the review level using the JBI Critical Appraisal Checklist for Systematic Reviews and Research Syntheses. Appraisal will be undertaken after confirmation of full-text eligibility and prior to extraction of findings. The results of this appraisal will be reported descriptively and used to contextualize the mapped and synthesized evidence, rather than to exclude reviews, assess intervention effectiveness, or weight findings within the synthesis

## SUPPLEMENTARY FILE 2: Terms for preliminary search

Participants (P)	Phenomena of Interest (I)	Context (Co)
Families (including individual family members, dyads, subsets or subsystems of families, family caregivers, or the family as a unit of care)	Nursing assessment; Nursing diagnosis; Nursing care planning, including goals of care and outcomes assessment; Implementation of nursing interventions;	The various healthcare settings and contexts where nursing care is central.
<b>MeSH Terms (for MedLine Complete, MedicLatina and Scopus)</b>		
Family Families Relatives Family Members Family Member	Nursing Assessment Assessment, Nursing Assessments, Nursing Nursing Assessments	Nursing
Caregivers Family Caregivers Family Caregivers Caregiver, Family Caregivers, Family Family Caregiver Spouse Caregivers Caregiver, Spouse Caregivers, Spouse Spouse Caregiver Informal Caregiver Informal Caregivers Caregiver, Informal Caregivers, Informal Informal Caregiver	Nursing Diagnosis Diagnoses, Nursing Diagnosis, Nursing Nursing Diagnoses  Patient Care Planning Care Planning, Patient Planning, Patient Care Nursing Care Plans Care Plan, Nursing Care Plans, Nursing Nursing Care Plan Plan, Nursing Care Plans, Nursing Care Goals of Care Care Goal Care Goals  Nursing records Records, Nursing Nursing Record Record, Nursing	

## SUPPLEMENTARY FILE 3: Final search strategy (july 7th 2025)

Query for Medline Ultimate (via EBSCO Host Web)		
#	Query	Results
1	XB ("Family" OR "Families" OR "Relatives" OR "Family Members" OR "Family Member" OR "Caregivers" OR "Family Caregiver" OR "Family Caregivers" OR "Caregiver, Family" OR "Caregivers, Family" OR "Spouse Caregivers" OR "Spouse Caregiver" OR "Caregiver, Spouse" OR "Caregivers, Spouse" OR "Informal Caregiver" OR "Informal Caregivers" OR "Caregiver, Informal" OR "Caregivers, Informal" OR "Family dyad" OR "Family dyads" OR "Family subsystem" OR "Family subsystems") Limit to: Peer Reviewed, Full Text, from 01/01/2014 to 07/07/2025, search mode: proximity; Expanders: Apply equivalent subjects	549,596
2	XB (("Nursing Assessment" OR "Assessment, Nursing" OR "Assessments, Nursing" OR "Nursing Assessments" OR "Nursing Diagnosis" OR "Diagnoses, Nursing" OR "Diagnosis, Nursing" OR "Nursing Diagnoses" OR "Patient Care Planning" OR "Care Planning, Patient" OR "Planning, Patient Care" OR "Nursing Care Plans" OR "Care Plan, Nursing" OR "Care Plans, Nursing" OR "Nursing Care Plan" OR "Plan, Nursing Care" OR "Plans, Nursing Care" OR "Goals of Care" OR "Care Goal" OR "Care Goals" OR "Family Outcome Assessment" OR "Assessments, Family Outcome" OR "Outcome Assessments, Family" OR "Family Outcome Assessments" OR "Assessment, Family Outcome" OR "Assessment, Family Outcomes" OR "Family Outcomes Assessment" OR "Outcome Assessment, Family" OR "Outcomes Assessments, Family" OR "Nursing Interventions" OR "Nursing Intervention" OR "Nursing documentation" OR "Family nursing records")) Limit to: Peer Reviewed, Full Text, from 01/01/2014 to 07/07/2025, search mode: proximity; Expanders: Apply equivalent subjects	7,558
1+2	XB (("Family" OR "Families" OR "Relatives" OR "Family Members" OR "Family Member" OR "Caregivers" OR "Family Caregiver" OR "Family Caregivers" OR "Caregiver, Family" OR "Caregivers, Family" OR "Spouse Caregivers" OR "Spouse Caregiver" OR "Caregiver, Spouse" OR "Caregivers, Spouse" OR "Informal Caregiver" OR "Informal Caregivers" OR "Caregiver, Informal" OR "Caregivers, Informal" OR "Family dyad" OR "Family dyads" OR "Family subsystem" OR "Family subsystems") AND XB (("Nursing Assessment" OR "Assessment, Nursing" OR "Assessments, Nursing" OR "Nursing Assessments" OR "Nursing Diagnosis" OR "Diagnoses, Nursing" OR "Diagnosis, Nursing" OR "Nursing Diagnoses" OR "Patient Care Planning" OR "Care Planning, Patient" OR "Planning, Patient Care" OR "Nursing Care Plans" OR "Care Plan, Nursing" OR "Care Plans, Nursing" OR "Nursing Care Plan" OR "Plan, Nursing Care" OR "Plans, Nursing Care" OR "Goals of Care" OR "Care Goal" OR "Care Goals" OR "Family Outcome Assessment" OR "Assessments, Family Outcome" OR "Outcome Assessments, Family" OR "Family Outcome Assessments" OR "Assessment, Family Outcome" OR "Assessment, Family Outcomes" OR "Family Outcomes Assessment" OR "Outcome Assessment, Family" OR "Outcomes Assessments, Family" OR "Nursing Interventions" OR "Nursing Intervention" OR "Nursing documentation" OR "Family nursing records"))	1,508
3	AND XB "Nursing" Limit to Peer Reviewed, Full Text, English, Portuguese, Spanish, from 01/01/2014 to 07/07/2025, search mode: proximity; Expanders: Apply equivalent subjects	747
4	AND XB (Systematic review OR Meta analysis) Limit to Peer Reviewed, Full Text, English, Portuguese, Spanish, from 01/01/2014 to 07/07/2025, search mode: proximity; Expanders: Apply equivalent subjects	47
Query for CINHAl Ultimate (via EBSCO Host Web)		
1	XB (MH "Family+" OR MH "Nuclear Family+" OR MH "Caregivers" OR "Family dyad" OR "Family dyads" OR "Family subsystem" OR "Family subsystems" OR "Family as a unit of care" OR "Relatives" OR "Family Members" OR "Family Member" OR "Family Caregiver" OR "Family Caregivers" OR "Caregiver, Family" OR "Caregivers, Family" OR "Spouse Caregivers" OR "Spouse Caregiver" OR "Caregiver, Spouse" OR "Caregivers, Spouse" OR "Informal Caregiver" OR "Informal Caregivers" OR "Caregiver, Informal" OR "Caregivers, Informal") Limit to: Peer Reviewed, Full Text, from 01/01/2014 to 07/07/2025, search mode: proximity; Expanders: Apply equivalent subjects	155,282
2	XB (MH "Family Assessment" OR MH "Nursing Assessment" OR MH "Nursing Diagnosis" OR MH "NANDA Nursing Diagnoses+" OR MH "Saba Clinical Care Nursing Diagnoses+" OR MH "Nursing Care Plans+" OR MH "Goal-Setting" OR MH "Goals and Objectives+" OR MH "Outcome Assessment" OR MH "Nursing Outcomes" OR MH "Iowa Nursing Outcomes Classification+" OR MH "Family Health (Iowa NOC)+" OR MH "Family Member Health Status (Iowa NOC)+" OR MH "Nursing Interventions" OR MH "Iowa Nursing Interventions Classification+" OR MH "Saba Clinical Care Nursing Interventions+" OR MH "Family (Iowa NIC)+" OR MH "Family Care (Iowa NIC)+" ) Limit to: Peer Reviewed, Full Text, from 01/01/2014 to 07/07/2025, search mode: proximity; Expanders: Apply equivalent subjects	44,699
	XB (XB (MH "Family+" OR MH "Nuclear Family+" OR MH "Caregivers" OR "Family dyad" OR "Family dyads" OR "Family subsystem" OR "Family subsystems" OR "Family as a unit of care" OR "Relatives" OR "Family Members" OR "Family Member" OR "Family Caregiver" OR "Family Caregivers" OR "Caregiver, Family" OR "Caregivers, Family" OR "Spouse Caregivers" OR "Spouse Caregiver" OR "Caregiver, Spouse" OR "Caregivers, Spouse" OR "Informal Caregiver" OR "Informal Caregivers" OR "Caregiver, Informal" OR "Caregivers, Informal") AND XB (XB (MH "Family Assessment" OR	

1+2	MH "Nursing Assessment" OR MH "Nursing Diagnosis" OR MH "NANDA Nursing Diagnoses+" OR MH "Saba Clinical Care Nursing Diagnoses+" OR MH "Nursing Care Plans+" OR MH "Goal-Setting" OR MH "Goals and Objectives+" OR MH "Outcome Assessment" OR MH "Nursing Outcomes" OR MH "Iowa Nursing Outcomes Classification+" OR MH "Family Health (Iowa NOC)+" OR MH "Family Member Health Status (Iowa NOC)+" OR MH "Nursing Interventions" OR MH "Iowa Nursing Interventions Classification+" OR MH "Saba Clinical Care Nursing Interventions+" OR MH "Family (Iowa NIC)+" OR MH "Family Care (Iowa NIC)+" Limit to: Peer Reviewed, Full Text, from 01/01/2014 to 07/07/2025, search mode: proximity; Expanders: Apply equivalent subjects	3,380
3	AND XB (MH "Nursing Care+") Limit to Peer Reviewed, Full Text, English, Portuguese, Spanish, from 01/01/2014 to 07/07/2025, search mode: proximity; Expanders: Apply equivalent subjects	844
4	MH "Systematic Review" OR MH "Meta Analysis" Limit to Peer Reviewed, Full Text, English, Portuguese, Spanish, from 01/01/2014 to 07/07/2025, search mode: proximity; Expanders: Apply equivalent subjects	99

#### Query for MedicLatina (via EBSCO Host Web)

1	AB "Family" OR "Families" OR "Relatives" OR "Family Members" OR "Family Member" OR "Caregivers" OR "Family Caregiver" OR "Family Caregivers" OR "Caregiver, Family" OR "Caregivers, Family" OR "Spouse Caregivers" OR "Spouse Caregiver" OR "Caregiver, Spouse" OR "Caregivers, Spouse" OR "Informal Caregiver" OR "Informal Caregivers" OR "Caregiver, Informal" OR "Caregivers, Informal" OR "Family dyad" OR "Family dyads" OR "Family subsystem" OR "Family subsystems" Limit to: Peer Reviewed, Full Text, from 01/01/2014 to 07/07/2025, search mode: proximity; Expanders: Apply equivalent subjects	3,897
2	AB "Nursing Assessment" OR "Assessment, Nursing" OR "Assessments, Nursing" OR "Nursing Assessments" OR "Nursing Diagnosis" OR "Diagnoses, Nursing" OR "Diagnosis, Nursing" OR "Nursing Diagnoses" OR "Patient Care Planning" OR "Care Planning, Patient" OR "Planning, Patient Care" OR "Nursing Care Plans" OR "Care Plan, Nursing" OR "Care Plans, Nursing" OR "Nursing Care Plan" OR "Plan, Nursing Care" OR "Plans, Nursing Care" OR "Goals of Care" OR "Care Goal" OR "Care Goals" OR "Family Outcome Assessment" OR "Assessments, Family Outcome" OR "Outcome Assessments, Family" OR "Family Outcome Assessments" OR "Assessment, Family Outcome" OR "Assessment, Family Outcomes" OR "Outcome Assessment, Family" OR "Outcomes Assessments, Family" OR "Nursing Interventions" OR "Nursing Intervention" OR "Nursing documentation" OR "Family nursing records" Limit to: Peer Reviewed, Full Text, from 01/01/2014 to 07/07/2025, search mode: proximity; Expanders: Apply equivalent subjects	248
1+2	AB ("Family" OR "Families" OR "Relatives" OR "Family Members" OR "Family Member" OR "Caregivers" OR "Family Caregiver" OR "Family Caregivers" OR "Caregiver, Family" OR "Caregivers, Family" OR "Spouse Caregivers" OR "Spouse Caregiver" OR "Caregiver, Spouse" OR "Caregivers, Spouse" OR "Informal Caregiver" OR "Informal Caregivers" OR "Caregiver, Informal" OR "Caregivers, Informal" OR "Family dyad" OR "Family dyads" OR "Family subsystem" OR "Family subsystems") AND AB ("Nursing Assessment" OR "Assessment, Nursing" OR "Assessments, Nursing" OR "Nursing Assessments" OR "Nursing Diagnosis" OR "Diagnoses, Nursing" OR "Diagnosis, Nursing" OR "Nursing Diagnoses" OR "Patient Care Planning" OR "Care Planning, Patient" OR "Planning, Patient Care" OR "Nursing Care Plans" OR "Care Plan, Nursing" OR "Care Plans, Nursing" OR "Nursing Care Plan" OR "Plan, Nursing Care" OR "Plans, Nursing Care" OR "Goals of Care" OR "Care Goal" OR "Care Goals" OR "Family Outcome Assessment" OR "Assessments, Family Outcome" OR "Outcome Assessments, Family" OR "Family Outcome Assessments" OR "Assessment, Family Outcome" OR "Assessment, Family Outcomes" OR "Outcome Assessment, Family" OR "Outcomes Assessments, Family" OR "Nursing Interventions" OR "Nursing Intervention" OR "Nursing documentation" OR "Family nursing records") Limit to: Peer Reviewed, Full Text, from 01/01/2014 to 07/07/2025, search mode: proximity; Expanders: Apply equivalent subjects	68
3	AND AB Nursing Limit to Peer Reviewed, Full Text, English, Portuguese, Spanish, from 01/01/2014 to 07/07/2025, search mode: proximity; Expanders: Apply equivalent subjects	63
4	AB (systematic review OR meta analysis) Limit to Peer Reviewed, Full Text, English, Portuguese, Spanish, from 01/01/2014 to 07/07/2025, search mode: proximity; Expanders: Apply equivalent subjects	6

#### Query for Scopus

1	TITLE-ABS-KEY ( ( "Family" OR "Families" OR "Relatives" OR "Family Members" OR "Family Member" OR "Caregivers" OR "Family Caregiver" OR "Family Caregivers" OR "Caregiver, Family" OR "Caregivers, Family" OR "Spouse Caregivers" OR "Spouse Caregiver" OR "Caregiver, Spouse" OR "Caregivers, Spouse" OR "Informal Caregiver" OR "Informal Caregivers" OR "Caregiver, Informal" OR "Caregivers, Informal" OR "Family dyad" OR "Family dyads" OR "Family subsystem" OR "Family subsystems" ) ) AND PUBYEAR > 2013 AND PUBYEAR < 2027 AND ( LIMIT-TO ( LANGUAGE, "English" ) OR LIMIT-TO ( LANGUAGE, "Spanish" ) OR LIMIT-TO ( LANGUAGE, "Portuguese" ) ) )	2,514,820
2	TITLE-ABS-KEY ( ( "Nursing Assessment" OR "Assessment, Nursing" OR "Assessments, Nursing" OR "Nursing Assessments" OR "Nursing Diagnosis" OR "Diagnoses, Nursing" OR "Diagnosis, Nursing" OR "Nursing Diagnoses" OR "Patient Care Planning" OR "Care Planning, Patient" OR "Planning, Patient Care" OR "Nursing Care Plans" OR "Care Plan, Nursing" OR "Care Plans, Nursing" OR "Nursing Care Plan" OR "Plan, Nursing Care" OR "Plans, Nursing Care" OR "Goals of Care" OR "Care Goal" OR "Care Goals" OR "Family Outcome Assessment" OR "Assessments, Family Outcome" OR "Outcome Assessments, Family" OR "Family Outcome Assessments" OR "Assessment, Family Outcome" OR "Assessment, Family Outcomes" OR "Outcome Assessment, Family" OR "Outcomes Assessments, Family" OR "Nursing Interventions" OR "Nursing Intervention" OR "Nursing documentation" OR "Family nursing records" ) ) AND PUBYEAR > 2013 AND PUBYEAR < 2026 AND ( LIMIT-TO ( LANGUAGE, "Portuguese" ) OR LIMIT-TO ( LANGUAGE, "Spanish" ) OR LIMIT-TO ( LANGUAGE, "English" ) ) )	21,859
1+2	AND TITLE-ABS-KEY ( Nursing ) AND PUBYEAR > 2013 AND PUBYEAR < 2026 AND ( LIMIT-TO ( LANGUAGE, "Portuguese" ) OR LIMIT-TO ( LANGUAGE, "Spanish" ) OR LIMIT-TO ( LANGUAGE, "English" ) ) )	242,537
3	TITLE-ABS-KEY ( ( "Family" OR "Families" OR "Relatives" OR "Family Members" OR "Family Member" OR "Caregivers" OR "Family Caregiver" OR "Family Caregivers" OR "Caregiver, Family" OR "Caregivers, Family" OR "Spouse Caregivers" OR "Spouse Caregiver" OR "Caregiver, Spouse" OR "Caregivers, Spouse" OR "Informal Caregiver" OR "Informal Caregivers" OR "Caregiver, Informal" OR "Caregivers, Informal" OR "Family dyad" OR "Family dyads" OR "Family subsystem" OR "Family subsystems" ) ) AND TITLE-ABS-KEY ( ( "Nursing Assessment" OR "Assessment, Nursing" OR "Assessments, Nursing" OR "Nursing Assessments" OR "Nursing Diagnosis" OR "Diagnoses, Nursing" OR "Diagnosis, Nursing" OR "Nursing Diagnoses" OR "Patient Care Planning" OR "Care Planning, Patient" OR "Planning, Patient Care" OR "Nursing Care Plans" OR "Care Plan, Nursing" OR "Care Plans, Nursing" OR "Nursing Care Plan" OR "Plan, Nursing Care" OR "Plans, Nursing Care" OR "Goals of Care" OR "Care Goal" OR "Care Goals" OR "Family Outcome Assessment" OR "Assessments, Family Outcome" OR "Outcome Assessments, Family" OR "Family Outcome Assessments" OR "Assessment, Family Outcome" OR "Assessment, Family Outcomes" OR "Outcome Assessment, Family" OR "Outcomes Assessments, Family" OR "Nursing Interventions" OR "Nursing Intervention" OR "Nursing documentation" OR "Family nursing records" ) ) AND TITLE-ABS-KEY ( nursing ) AND PUBYEAR > 2013 AND PUBYEAR < 2026 AND ( LIMIT-TO ( LANGUAGE, "English" ) OR LIMIT-TO ( LANGUAGE, "Spanish" ) OR LIMIT-TO ( LANGUAGE, "Portuguese" ) ) AND ( LIMIT-TO ( SRCTYPE, "j" ) ) )	1,904
1+2+3	AND TITLE-ABS-KEY ( "systematic review" OR "meta analysis" ) AND PUBYEAR > 2013 AND PUBYEAR < 2026 AND ( LIMIT-TO ( LANGUAGE, "English" ) OR LIMIT-TO ( LANGUAGE, "Spanish" ) OR LIMIT-TO ( LANGUAGE, "Portuguese" ) ) AND ( LIMIT-TO ( SRCTYPE, "j" ) ) )	137

#### Grey literature search

##### Terms for RCAAP

Description "enfermagem" AND Description "sistemática" AND Description "família" From 2014 to 2025 Portuguese, English, Spanish Scientific Article	36
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##### Terms for CORDIS

'famil*' AND 'nurs*' AND 'systematic' AND 'review' Domain of application: health; Field: medical and health sciences	33
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**SUPPLEMENTARY FILE 4: Appraisal checklist**

JBI Critical Appraisal Checklist for Systematic Reviews and Research Syntheses (Aromataris et al., 2015)

1.	Is the review question clearly and explicitly stated?	Yes	No	Unclear	Not applicable
2.	Were the inclusion criteria appropriate for the review question?				
3.	Was the search strategy appropriate?				
4.	Were the sources and resources used to search for studies adequate?				
5.	Were the criteria for appraising studies appropriate?				
6.	Was critical appraisal conducted by two or more reviewers independently?				
7.	Were there methods to minimise errors in data extraction?				
8.	Were the methods used to combine studies appropriate?				
9.	Was the likelihood of publication bias assessed?				
10.	Were recommendations for policy and/or practice supported by the reported data?				
11.	Were the specific directives for new research appropriate?				
<b>Total score (%)</b>					

Adapted from JBI, Joanna Briggs Institute.

**SUPPLEMENTARY FILE 5: Summary of Evidence tables**

**Table 1:** Context synthesis

Study no.	Author	Setting	Home care / community care	Hospital care	Outpatient care	Transitional care	Mixed context	Other/NR/NS	Comments

NR = Not reported; NS = Not Specified

**Table 2:** Population synthesis

Study no.	Author	Individual as a family member	Individual as part of a subgroup/subsystem	Family as a unit of care	Individual and family	NR/NS	Comments

**Table 3:** Global synthesis

Study no.	Author	Target population	Assessment finding	Assessment category	Goal finding	Goal category	Focus/ Diagnose finding	Focus/ Diagnose category	Intervention finding	Intervention category	Outcome finding	Outcome category