

REVIEW

NURSING CONSULTATION TEACHING IN NURSES' TRAINING: A BIBLIOMETRIC STUDY

Ludmila Anjos de Jesus¹ Laura Emmanuela Lima Costa¹ Monalliza Gama Oliveira¹ Virgínia Ramos dos Santos Souza¹ Gilberto Tadeu Reis da Silva¹ Ana Lúcia Arcanjo Oliveira Cordeiro¹ Rudval Souza da Silva²

ABSTRACT

Objective: to identify the Brazilian scientific production about Nursing consultation teaching in nurses' training. Method: a descriptive study of a bibliometric nature conducted in the portal of Biblioteca Virtual em Saúde and in PubMed from April to May 2021, with the following inclusion criteria: full articles, in Portuguese or English, published from 2009 to 2020. Results: a total of 13 studies were identified, of which four were published in a B2 journal from the Northeast region, although with predominance of papers from the South region (38.46%), with the experience report type standing out. The most frequently observed themes were related to the teaching methodologies, especially the active ones with use of technological tools. "Nursing consultation" was not found to be one of the most frequent keywords. Conclusion: by verifying the incipience of the production on the theme, this study provides subsidies for expanding this knowledge area, reverberating in improvements in Nursing consultation teaching and in nurses' training.

DESCRIPTORS: Education in Nursing; Teaching: Nursing in the Office; Bibliometrics; Nursing.

HOW TO REFERENCE THIS ARTICLE:

Jesus LA de, Costa LEL, Oliveira MG, Souza VR dos S, Silva GTR da, Cordeiro ALAO, et al. Nursing consultation teaching in nurses' training: a bibliometric study. Cogitare Enferm. [Internet]. 2022 [accessed "insert day, month and year"]; 27. Available on: http://dx.doi.org/10.5380/ce.v27i0.87713.

INTRODUCTION

The essence of Nursing is based on care and interpersonal relationships and is materialized in different environments from multiple interactions permeating uncertainty, variability, the unexpected and the unpredictable¹. Thus, the Nursing practice involves action, reaction, interaction and transaction between groups and individuals in a given social system that aims at achieving health goals and, in order to be efficient, a work methodology based on a scientific method is necessary².

However, although scientific knowledge in Nursing has a different origin, clinical action is where it takes place and is structured, as it is characterized by practical-reflective rationality, not in a linear way but in dynamically and continuously, like a spiral, since it is from prior knowledge that understanding is elaborated leading to interpretation and, consequently, to a new understanding/action, reverberating in a knowledge specific to the field of Nursing that differs from other disciplinary types of knowledge¹.

In this context, the Nursing Process (NP) stands out, characterized by the dynamics of systematized and interrelated actions aiming at assistance and care for human beings². From this perspective, the NP is a methodological instrument that guides care and the documentation of the professional practice³

According to Resolution No. 358 of the Federal Nursing Council (Conselho Federal de Enfermagem, COFEN), the Nursing Process must be carried out systematically and deliberately in all environments where professional Nursing care exists and when performed in institutions that provide outpatient health services, in homes and in schools, corresponding to the Nursing Consultation (NC)⁴ In turn, this should be guided by the principle of integrality and by evidence-based practice, enabling a systematized performance capable of contributing to improving the quality of the assistance provided⁵

In this vein, the Nursing consultation represents a resolute technological care strategy, supported by law, exclusive for nurses, and which results in benefits in the assistance provided, favoring health promotion, early diagnosis and treatment, in addition to the prevention of avoidable situations⁶⁻⁷.

Historically, the interviews conducted by nurses in 1920 are considered the precursors of the Nursing consultation, which was named as such in 1968⁸. It is noted that regulation of the NC in Brazil was through Law No. 7.498/86⁷ and Decree No. 94,406/87⁹ However, in 1993, COFEN Resolution No. 159 recommended the compulsory character of the NC while developing Nursing care at all health care levels¹⁰. Such normative was revoked in 2017 by COFEN Resolution No. 544¹¹. However, the Nursing consultation is dealt with in COFEN Resolution No. 358, still in force, which provides for the Systematization of Nursing Care and the implementation of the Nursing Process⁴.

It is noted that Nursing consultations favor nurses' work, contemplating the Nursing Process stages^{2,4}. COFEN recognized these stages in 2009, which consist in data collection or Nursing history, diagnosis, planning, implementation and evaluation⁴. Thus, the NC must be guided by the Systematization of Nursing Care (SNC), which organizes professional work in terms of method, personnel and instruments, making it possible to operationalize the Nursing Process, resulting in adequate, individualized and effective Nursing care¹²

Therefore, the NC represents an effective strategy for achieving the nurses' responsibility to facilitate, enhance and restore human beings' ability to take care of themselves, envisioning independence from other systems, thus leading individuals to an ecological understanding necessary for the care to be provided¹. However, for this to happen, NCs require theoretical-practical articulation, emerging as one of the specific and systematic pillars of nurses' training.

Given the importance of Nursing consultations, and for considering the prevailing

training process for their critical, reflective and assertive performance, the following research question is formulated: Which is the Brazilian scientific production on Nursing consultation teaching in nurses' training since 2009? Given the above, the objective of this study is to identify the Brazilian scientific production about Nursing consultation teaching in nurses' training.

This research is justified due to the lack of studies on the theme and it is expected, based on its findings, to contribute to strengthening NC teaching in undergraduate Nursing courses, as well as to expand dissemination of the theme and raise reflections on the Nursing Consultation teaching process in Brazil.

METHOD

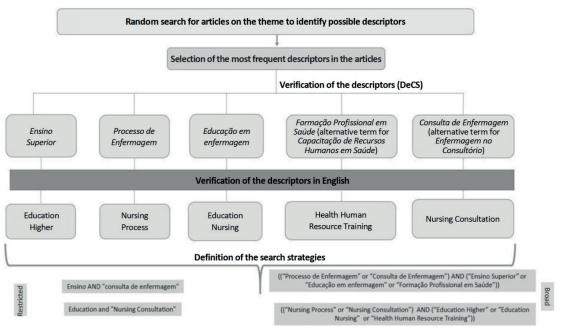
This is a descriptive research study with a quantitative approach and of a bibliometric nature, aiming to help identify trends in the expansion of knowledge in a given discipline, dispersion and obsolescence of scientific fields, authors and more productive institutions, in addition to highlighting the journals most used in the dissemination of research studies in a given knowledge area¹³.

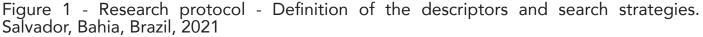
This study followed five stages: definition of the research objective, design of the protocol, data collection, analysis, and synthesis with presentation of the results. The topic was defined in the first stage, in addition to elaborating the research objective and guiding question, already presented in the Introduction.

In the second stage (Figure 1), called "research protocol", an exploratory search for articles on the theme was initially carried out to identify possible descriptors, with selection of the most frequent which were subsequently verified in DeCS/MeSH, with the purpose of determining if the definition was adequate to the study proposed.

In view of the need to use the most reliable and robust definition, the alternative terms "Formação Profissional em Saúde" and "Consulta de Enfermagem" were used for "Capacitação de Recursos Humanos em Saúde" and "Enfermagem no Consultório", respectively. Subsequently, the descriptors in English were validated through a search in DeCS/MeSH and in the body of articles already published; subsequently, the search strategies were defined, as well as the data sources, using the BVS (Biblioteca Virtual em Saúde) portal, which integrates multiple information sources and comprises several databases, such as LILACS, MEDLINE and BDENF, among others. In addition to that, the PubMed database was also used, which enables access to the MEDLINE biomedical literature, to Life Sciences journals and to online books.

The search strategy was outlined based on the combination of the descriptors with the OR and AND Boolean operators, resulting in a restricted strategy, as presented in Figure 1.





Source: The authors (2021).

In the third stage (Figure 2), called "data collection", a search was carried out in BVS and PubMed from April to May 2021, having the following as inclusion criteria: full articles, in Portuguese or English, and published from 2009 to 2020. The time frame took into account the year in which COFEN Resolution No. 358/2009⁴ was published. The database was also built in this stage, by resorting to Microsoft Excel[®] (2016 version), including title of the article, objective, conclusion and year of publication. After reading the abstracts, the articles that were not related to the study object were excluded, as well as those that were duplicates and of non-Brazilian origin.

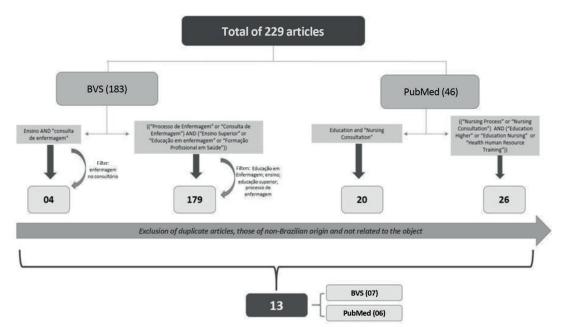


Figure 2 - Data collection - Search for articles according to the study criteria and interests. Salvador, Bahia, Brazil, 2021

Source: The authors (2021).

During the fourth stage, called "data analysis", the analysis matrix was prepared in Microsoft Excel® (2016 version), including the following data: database, title of the article, authors, institution/affiliation, state, region, language, year, title of the journal and keywords. The frequency of the keywords found in the articles was obtained through SoftwareAntconc (AntConc corpus analysis toolkit), version 3.5.8.0.

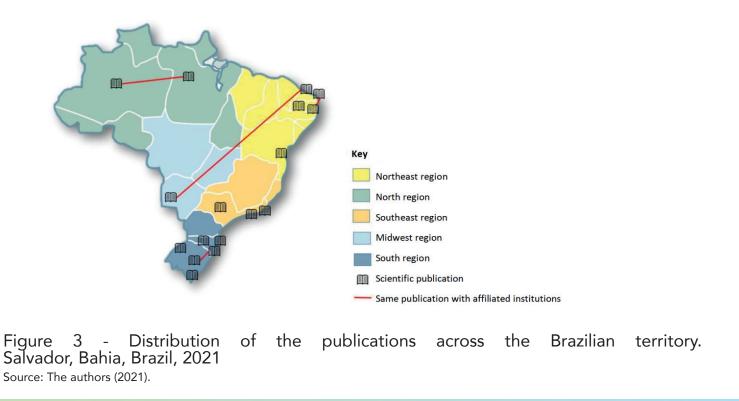
Subsequently, the .CSV file with the selected words, along with the frequency with which they appeared, was posted on the WordClouds.com free-use website, resulting in the creation of the word cloud. In addition to that, the data were also analyzed by calculating the absolute and relative frequencies. In the last stage of the study, it was decided to use charts and figures to present the results.

It is noted that, as this study only uses documentary data available in the databases, submission to a Research Ethics Committee (Comitê de Ética em Pesquisa, CEP) was unnecessary, according to Resolution No. 510/2016¹⁴; however, all ethical and authorial aspects were respected.

RESULTS

The analysis resulted in 13 articles on Nursing Consultation teaching in nurses' training, published from 2010 to 2020, in seven journals, and affiliated with 18 institutions distributed across ten Brazilian states, in two cases associated with foreign institutions (Portugal).

Figure 3 illustrates the distribution of the publications across the Brazilian territory. Of all 13 articles, four were conducted through partnerships established by national institutions between the states of Amazonas and Pará, Rio Grande do Norte and Paraíba, Rio Grande do Norte and Mato Grosso do Sul, and between Rio Grande do Sul and Santa Catarina. In relation to the distribution across the regions, the South stands out with five (38.46%) of the available publications, prevailing over the other regions.



As for the main journals that published articles on the theme, the following stand out: Revista de Enfermagem UFPE online, with four articles, Revista Brasileira de Enfermagem, with three, and Revista de Pesquisa (Universidade Federal do Estado do Rio de Janeiro Online) with two publications. Regarding the year of publication, there is no difference between 2020 and 2018, both with three articles, followed by 2011 and 2010, with two articles each. Chart 1 presents the Brazilian production on Nursing Consultation teaching in nurses' training in Brazil from 2009 to 2020.

9	Study	Title	Authors	Method	Institution/ Affiliation	Journal	Qualis according to the 2013-2016 quadriennium classification	Year
	1	Ensino do processo de enfermagem: o que as produções científicas proferem	Edlamar Kátia Adamy, Denise Antunes de Azambuja Zocche, Carine Vendruscolo, Miriam de Abreu Almeida	Bibliographic research	Universidade do Estado de Santa Catarina (UDESC) Universidade Federal do Rio Grande do Sul (UFRGS)	Revista de Pesquisa (Universidade Federal do Estado do Rio de Janeiro Online)	B2	2020
	2	Consulta de enfermagem com abordagem sindrômica: perspectivas do ensino por enfermeiros	Claudia Maria Messias, Ann Mary Machado Tinoco Feitosa Rosas, Harlon França de Menezes, Geilsa Soraia Cavalcanti Valente	Social phenomenology	Universidade Federal do Estado do Rio de Janeiro Universidade Federal Fluminense	Revista de Pesquisa (Universidade Federal do Estado do Rio de Janeiro Online)	B2	2020
	3	A simulação realística na consulta de enfermagem voltada ao idoso	lanny Ferreira Raiol, Fernando Conceição de Lima, Douglas Rafael da Cruz Carneiro, Andreza Cassundé Moraes, Tatiane de Souza Vasconcelos, Dayara de Nazaré Rosa de Carvalho, ThalytaMariany Rêgo Lopes Ueno, Viviane Ferraz Ferreira de Aguiar	Experience report	Centro Universitário Metropolitano da Amazônia Faculdade Paraense de Ensino Universidade Estadual do Pará	Revista de enfermagem UFPE online	B2	2020
	4	Construção de hipermídia para subsidiar a sistematização do ensino do cuidado de enfermagem	Pétala Tuani Candido de Oliveira Salvador, Cláudia Cristiane Filgueira Martins Rodrigues, Marcos Antonio Ferreira Júnior, Maria Isabel Domingues Fernandes, José Carlos Amado Martins, Viviane Euzébia Pereira Santos	Methodological research for the development of educational technology	Universidade Federal do Rio Grande do Norte Universidade Federal de Mato Grosso do Sul Escola Superior de Enfermagem de Coimbra (ESEnfC)	Revista Gaúcha Enfermagem	B1	2019
	5	O ensino do processo de enfermagem	Iranete Almeida Sousa Silva, Josicélia Dumet Fernandes, Mirian Santos Paiva, Fernanda Rios da Silva, Lázaro Souza da Silva	Integrative review	Universidade Federal da Bahia	Revista de enfermagem UFPE online	B2	2018

Chart 1 - Brazilian production on Nursing Consultation teaching in nurses' training from 2009 to 2020. Salvador, Bahia, Brazil, 2021

Plataforma Persinar: uma ferramenta de appro o targemErk Cristówia Arajo Method.05gical Ciencino de Enderal de casacht for the development of educational research for the development de informagemUniversidade research for the casacht for the casacht for the casacht for the de informagemA.220187Zonsulta de enformagemSilvan de Oliveira Silvan de Oliveira Schnith, Lais Mara Denise Schnith, Lais Mara a pessoa com diabetes and beside Schnith, Lais Mara Denise Schnith, Lais Mara Denise Schnith, Lais Mara Aradeson Ceschin de Schnith, Lais Mara Ceschinh de Ceschinh de Schnith, Lais Mara Ceschinh de<								
7 Consulta de enfermagem a pesso com metodologia ativa metodologia ativa metodologia ativa metodologia ativa experiência com metodologia ativa metodologia ativa assistencia com metodologia ativa metodologia ativa assistencia com metodologia ativa assistencia basica consultas de enfermagem assistencia de enfermagem e visita domiciliar e reparticula de experiência de specifica ativa sistencia para e ensino da Sistematização com estudo e relato de e relato de e relato de e relato de e antermagem a domiciliar e relato de e relat	6	PEnsinar: uma ferramenta de aprendizagem para o ensino do processo	de Melo, Bertha Cruz Enders,	research for the development of educational	Federal de Campina Grande Universidade Federal do Rio Grande do Norte Escola Superior de Enfermagem	Brasileira de	A2	2018
Consultade enfermagem assistencia básica estudantil de enfermagem internacional: relato de experiênciaWilliam Alves dos Santos, Geilas Soraia Exadcanti Valente, reportExperience reportUniversidade FederalRevista de enfermagem UPFE onlineB220168Ensinando consulta de enfermagem e visita domicilar cicia domicilar de enfermagem e visita domicilar de enfermagem e visita domicilar e relato de esperiênciaSoraia Dornelles Schoeller, Adriana Etch Kuhnen, Licia Nazareth Amante, Silvia FerrazzoExperience reportUniversidade Federal de Santa CatarinaRevista de enfermagem UFFE onlineB2201410O ensino da Sitsematização de portessores alunosCandida Custódio da Silva, Francine Lima Gelloke, Betina Horner Souela Coult, Ana Isabel Jatobá de SouzaExperience reportUniversidade Federal de Santa Catarina (UFSC)Revista Eletrónica de Enfermagem B1B1201110da Assistência a perspectiva e onsino da de professores e alunosMaria Isabel Pedreira Valentim Carmona Valentim CarmonaExperience reportUniversidade Experience reportRevista Eletrónica de Enfermagem Paulo AB1201111Objetos digitais de aprofessores e alunos de adaria das label, Admando ma consulta de enfermagemDenise Tolfo Silveira, Vanesa Menezes Catalan, Agnes Ludwig Neutzling, Luisa Heiena Machado MartinatoUniversidade Experience reportRevista da Enfermagem A1A1201012Ponise digitais de a	7	enfermagem à pessoa com diabetes mellitus: experiência com	Silva, Letícia Martins Machado, Maria Denise Schimith, Laís Mara Caetano da Silva, Vanessa do Nascimento Silveira, Anderson Cecchin de		Regional Integrada do Alto Uruguai e das Missões Universidade Federal de Santa Maria	Brasileira de	A2	2018
Ensimato consult de enfermagem e visita domiciliar e relato de experiênciaSchoeller, Adriana Eich Kuhnen, Lúcia Nazareth Amante, Silvia FerrazzoUniversidade reportRevista de enfermagem UFPE onlineB220140O ensino da Sistematização da Assistência PerrazzoCandida Custódio da Silva, Francine Lima Gelbcke, Betina Horner Scheller, AdrianaUniversidade Federal de Santa CatarinaRevista Elevista ElevistaB1201110da Assistência parapestetiva de professores e alunosScheller, Adriana SitematizaçãoDescriptive study PerrazioUniversidade Federal de Santa Catarina (UFSC)Revista Elevista Elevista Elevista Catarina (UFSC)B1201111Estudo de caso como estratégia para o ensino da processo de enfermagem e o uso da linguagem padronizadaDenise Tolfo Silveira, Vanessa Menezes Catalan, Agnes Ludwig Neutzling, Luísa Heina MartinatoDescriptive study Perrieve ExperienceUniversidade Estadual de Campinas PauloRevista Brasileira de Brasileira de A2A2201112enfermagem endroizadaDenise Tolfo Silveira, Vanessa Menezes Catalan, Agnes Ludwig Neutzling, Luísa erfermagemDescriptive study Federal do Rio Grande do SilRevista Latino- A1A1201012enfermagem reagem por alunos de graduaçãoDenise Tolfo Silveira, Vanessa Menezes Catalan, Agnes Ludwig Neutzling, Luísa Pavia Leadebal, Wilma Disa de Cavalcani da SilvaDescriptive study Federal do Rio Grande do Sil	8	enfermagem aos idosos em assistência básica no intercâmbio estudantil internacional: relato	Willian Alves dos Santos, Geilsa Soraia Cavalcanti Valente, Alessandra Conceição Leite Funchal Camacho, Patrícia		Federal	enfermagem	В2	2016
O ensino da Sistematização da Assistência a perspectiva de professores e alunosSilva, Francine Lima Gelbcke, Betina Horner Schlindwein Meirelles, Descriptive studyUniversidade Federal de Santa Catarina (UFSC)Revista Eletrônica de EnfermagemB1201110na perspectiva de professores e alunosMaria Isabel Pedreira de processo de ouso da linguagem padronizadaMaria Isabel Pedreira de Freitas, Elenice Valentim CarmonaDescriptive study Experience reportUniversidade Estadual de Campinas Universidade Estadual de Campinas Universidade Erderal de São PauloRevista Brasileira de EnfermagemA2201111enfermagem consulta de enfermagem: na consulta de enfermagem: avaliação de tecnologia por alunos de graduaçãoDenise Tolfo Silveira, Vanessa Menezes Catalan, Agnes Ludwig Neutzling, Luísa Helena Machado MartinatoDescriptive study Descriptive studyUniversidade Federal do Rio Grande do SulRevista Latino- Americana de Enfermagem A1201013Ensino do processo e enfermagem: planejamento e inserção em matrizesOriana Deyze Correia Paiva Leadebal, Wima Dias de Fontes, César Cavaleanti da SilvaDescriptive study Descriptive studyUniversidade Federal da Federal da Federal da Federal da ParaíbaRevista da Escola de Escola de Enfermagem A2201013enfermagem: planejamento e inserção em matrizesOriana Deyze Correia Paiva Leadebal, Wima Dias de Fontes, César Cavaleanti da SilvaDescriptive study Descriptive study <td< td=""><td>9</td><td>de enfermagem e visita domiciliar e relato de</td><td>Schoeller, Adriana Eich Kuhnen, Lúcia Nazareth Amante, Sílvia</td><td></td><td>Federal de Santa</td><td>enfermagem</td><td>B2</td><td>2014</td></td<>	9	de enfermagem e visita domiciliar e relato de	Schoeller, Adriana Eich Kuhnen, Lúcia Nazareth Amante, Sílvia		Federal de Santa	enfermagem	B2	2014
como estratégia para o ensinoMaria Isabel Pedreira de Freitas, Elenice Valentim CarmonaExperience reportCampinas Universidade Federal de São PauloRevista Brasileira de A2201111do processo de enfermagem e o uso da linguagem padronizadaDenise Tolfo Silveira, Vanessa Menezes Catalan, Agnes Ludwig Neutzling, Luísa 	10	Sistematização da Assistência na perspectiva de professores e	Silva, Francine Lima Gelbcke, Betina Horner Schlindwein Meirelles, Cecília Arruda, Suelen Goulart, Ana Isabel Jatobá de	Descriptive study	Federal de Santa	Eletrônica de	B1	2011
de aprendizagem na consulta de enfermagem: avaliação de tecnologia por alunos de graduaçãoDefinse fondo silveira, Vanessa Menezes Catalan, Agnes Ludwig Neutzling, Luísa Helena Machado MartinatoUniversidade Federal do Rio Grande do SulRevista Latino- Americana de EnfermagemA1201013Ensino do processo de enfermagem: planejamento e inserção em matrizesOriana Deyze Correia Paiva Leadebal, Wilma Dias de Fontes, César Cavalcanti da SilvaDescriptive study Pescriptive studyUniversidade Federal do Rio 	11	como estratégia para o ensino do processo de enfermagem e o uso da linguagem	de Freitas, Elenice		Estadual de Campinas Universidade Federal de São	Brasileira de	A2	2011
de enfermagem: planejamento e inserção em matrizes de enfermagem: 13 de fontes, César em matrizes de enfermagem: Paiva Leadebal, Wilma Dias de Fontes, César Cavalcanti da Silva Descriptive study Paraíba Descriptive study Paraíba Paraíba Paraíba Paraíba Paraíba Cavalcanti da Silva Descriptive study Paraíba Paraíb	12	de aprendizagem na consulta de enfermagem: avaliação de tecnologia por alunos de	Vanessa Menezes Catalan, Agnes Ludwig Neutzling, Luísa Helena Machado	Descriptive study	Federal do Rio	Latino- Americana de	A1	2010
	13	de enfermagem: planejamento e inserção em matrizes	Paiva Leadebal, Wilma Dias de Fontes, César	Descriptive study	Federal da	Escola de Enfermagem	A2	2010

Source: The authors (2021).

All the articles found had a version in the Portuguese language. No author was present in more than one article. The prevailing study type among the publications was the experience report (five), followed by descriptive studies (three).

Regarding the most incident themes, the approach to the teaching methodology or strategy stood out, corresponding to seven (53.84%) of the publications. In relation to the terms most frequently cited as keywords in the articles, the absence of "Nursing Consultation" was noticed, as can be seen in Figure 4.



Figure 4 - Frequency of the terms most frequently cited in the keywords from the articles. Salvador, Bahia, Brazil, 2021 Source: The authors (2021).

DISCUSSION

Recognition of Nursing as a science demands using the Nursing consultations since, as they resort to systematized and inter-related actions, they represent the essence of the profession¹⁵ However, this study evidenced a reduced number of publications on the Nursing Consultation teaching, revealing low visibility of the theme, and corroborating the idea of NC underutilization by Brazilian Nursing as a care technology¹⁵.

Also in this perspective, the imbalance found in the distribution of the productions is outstanding, with the most significant concentration in the South region, reinforcing the South-Southeast axis as a knowledge production hub. In this sense, this finding can be the result of the centralization of graduate courses in the Southeast and South regions¹⁶⁻¹⁷.

There was no recurrence of authors in the articles, which provides indications of the scarcity of research groups focused on this knowledge area. However, the institutional partnerships established stand out, including two foreign institutions, showing an attempt for articulation among the authors and revealing an incipient concern about the NC teaching process.

Although production is predominant in the South region, it is noted that the journal with the most publications on NC teaching was Revista de Enfermagem UFPE online, with qualis B2 according to the 2013-2016 quadriennium classification of the Coordination for the Improvement of Higher Education Personnel (Coordenação de Aperfeiçoamento de Pessoal de Nível Superior, CAPES). This journal was founded in 2006 and is currently published by the Graduate Program in Nursing of the Health Sciences Center belonging to Universidade Federal de Pernambuco. Based on this finding, it is inferred that aspects related to the Nursing Process, especially NCs, represent an outstanding line within the scope of this journal. In addition, when evaluating the qualis corresponding to the journals of the highlighted publications, it can be seen that the existing productions were published in journals with qualis strata A and B. In this way, it is considered that, despite the reduced number of studies, they present methodological and scientific robustness, in view of the journal's qualis, therefore, reverberating in important contributions to the Nursing work. It should be noted that qualis assesses the quality of a journal and, in this study, the latest classification published on the CAPES platform was used, which is divided into eight strata in decreasing value order: A1, A2, B1, B2, B3, B4, B5 and C. However, it is worth noting that there is already a new classification which has not yet been legitimized or published in the CAPES platform.

The main study method observed was the experience report, which is related to and favors knowledge construction in the area from real and contextualized descriptions. Thus, it is inferred that the preponderance of this method is supported by the practical nature of NC teaching, enhanced for being a still little explored research area; consequently, sharing of experiences makes possible and contributes to knowledge development. Given the above, experience reports are relevant for the professional practice and provide subsidies for reflections and applications in the NC teaching praxis. Also from this perspective, it is understood that the notoriety of teaching strategies permeated by theoretical-practical articulation is intended to strengthen the learning process, as well as skills development through participation, engagement and experience of the profession.

Regarding the most frequent keywords, the absence of "Nursing Consultation" was noticed, reiterating its invisibility. However, it is to be noted that the DeCS/MeSH present "Nursing practice limited to an office" as concept for this descriptor, thus restricting its definition and application. Thus, from its non-use as a descriptor in the articles, it is inferred that this is a strategy by the authors for using NC as a broad term and not restricted only to clinics, as the NC is present in all environments where Nursing assistance is present. It is noted that in addition to supporting nurses' decision-making, positively interfering in the health/disease process, the NC evidences the scientificity of the work performed by this profession and, therefore, cannot be reduced to a minimalist concept¹⁵.

Regarding the most frequent themes, there was predominance of the approach in relation to the teaching methodology and strategy, with emphasis on the active methodology and on using technology as a learning tool. It is noted that it is fundamental that the teaching strategies accompany the theoretical-scientific and technological advances of the profession, through innovating interdisciplinary practices and active methodologies. The main strategies found were simulation, clinical case and use of virtual tools¹⁸.

NCs are a technological care strategy based on scientific principles, through the use of their own method, constituting the Nursing Process, which systematizes Nursing care¹⁹⁻²⁰. Thus, NC teaching should not happen in a technical and automated way, above all, given its core of providing opportunities for the provision of comprehensive care.

This article presents the lack of depth regarding the qualitative issues of the productions as a limitation; however, it raises reflections on NC teaching in nurses' training, requiring further research studies on the theme.

CONCLUSION

The incipient production on Nursing Consultation teaching found in the literature and evidenced in this study, due to the reduced number of scientific publications, reflects the invisibility of NCs in the services, often taking place in a complementary way to the medical consultations or seen as expendable. This is because they are not seen as spaces for dialog, education in health or a guide for nurses' decision-making, which takes place through systematic phases based on scientific grounds.

It is worth noting the role of Higher Education Institutions in changing this scenario, which must strive to teach NC through methodologies that integrate theory and practice and favor the students' critical reflective ability, minimizing technicist and automated trends. And for this to occur, it is to be added that it is essential to encourage the conduction of new studies on the theme, especially in places where the scientific production about NC teaching is still incipient or absent.

Thus, by revealing the scientific production related to NC teaching, this article provides subsidies for reflections that may drive new research on the theme, with the aim of transforming the evidenced scenario; therefore contributing to visibility and expansion of this knowledge area and, consequently, to advances in Nursing Consultation teaching, which, in turn, will exert a positive impact on nurses' training and on their professional practice.

ACKNOWLEDGMENTS

To the Coordination for the Improvement of higher Education Personnel (CAPES) - Brazil for their support, with reference to Funding Code 001 and Process No. 88887.643413/2021-00.

To the National Council for Scientific and Technological Development (CNPq) with reference to the Research Productivity (Produtividade em Pesquisa, PQ) Grant under Process No. 205736/2018-1. To the Federal Institute of Education, Science and Technology from Bahia (Process No. 23806.250710.2021-41).

REFERENCES

01. Queirós PJP. Da prática baseada em evidências à prática baseada em valores. Rev. Baiana Enferm. [Internet]. 2018 [acesso em 02 abr. 2022]; 32. Disponível em: <u>https://doi.org/10.18471/rbe.v32.26330</u>.

02. Santos ECG dos, Almeida YS de, Hipólito RL, Oliveira PVN de. Proceso de Enfermería de Wanda Horta - Retrato de la obra y reflexiones. Temperamentvm. [Internet]. 2019 [acesso em 02 abr. 2022]; 15. Disponível em: <u>https://ciberindex.com/index.php/t/article/view/e12520</u>.

03. Argenta C, Adamy EK, Bitencourt JVOV. Processo de enfermagem: história e teoria. Chapecó: UFFS Editora; 2020.

04. Conselho Federal de Enfermagem. Resolução nº 358, de 15 de outubro de 2009. Dispõe sobre a Sistematização da Assistência de Enfermagem e implementação do Processo de Enfermagem em ambientes, públicos ou privados, em que ocorre o cuidado profissional de Enfermagem, e dá outras providências. [Internet]. Rio de Janeiro: COFEN; 2009 [acesso em 02 abr. 2022]. Disponível em: <u>http://www.cofen.gov.br/</u>resoluo-cofen-3582009_4384.html.

05. Ribeiro GC, Pereira EG, Padoveze MC. Sistematização da assistência de enfermagem na APS no contexto brasileiro. In: Fracolli LA, Padoveze MC, Soares CB, organizadores. Tecnologias da Sistematização da Assistência de Enfermagem a Famílias na Atenção Primária à Saúde. São Paulo: EEUSP, 2020 [acesso em 10 jul. 2021]. Disponível em: <u>https://www.researchgate.net/publication/344954843_Sistematizacao_da_assistencia_de_enfermagem_na_APS_no_contexto_brasileiro</u>.

06. Lima SGS e, Spagnolo RS, Juliani CMCM, Silva L, Fernandes VC, Martin LB. Consulta de Enfermagem na Atenção Primária à Saúde: Revisão Integrativa. Ens. Ciênc. [Internet]. 2020 [acesso em 02 abr. 2022]; 24(5). Disponível em: https://doi.org/10.17921/1415-6938.2020v24n5-esp.p693-702.

07. Brasil. Lei n. 7.498, de 25 de junho de 1986. Dispõe sobre a regulamentação do exercício da enfermagem, e dá outras providências. Diário Oficial da República Federativa do Brasil, [Internet]. 26 jun. 1986. [acesso em 02 abr. 2022]. Disponível em: <u>http://www.planalto.gov.br/ccivil_03/leis/17498.htm</u>.

08. Azevedo MVC, Torres RC, Teles W de S, Silva MC da, Barros AMMS, Silva MHS, et al. A consulta de enfermagem na estratégia de saúde da família. Braz. J. Health Review. [Internet]. 2021 [acesso em 02 abr. 2022]; 4(3): 13461-79. Disponível em: <u>https://doi.org/10.34119/bjhrv4n3-293</u>.

09. Brasil. Decreto n° 94.406, de 08 de junho de 1987. Regulamenta a Lei n° 7.498, de 25 de junho de 1986, que dispõe sobre o exercício da Enfermagem, e dá outras providências. Diário Oficial da República Federativa do Brasil, [Internet]. 09 jun. 1987 [acesso em 02 abr. 2022]. Disponível em: <u>http://www.planalto.gov.br/ccivil_03/decreto/1980-1989/d94406.htm</u>.

10. Conselho Federal de Enfermagem. Resolução n. 193, 19 abril 1993. Dispõe sobre a consulta de Enfermagem. Diário Oficial da União [Internet]. 1993 [acesso em 02 abr. 2022]. Disponível em: <u>http://www.cofen.gov.br/resoluo-cofen-1591993_4241.html</u>.

11. Conselho Federal de Enfermagem. Resolução n. 544, de 9 maio 2017. Revoga a Resolução Cofen nº 159/1993, que dispõe sobre a consulta de Enfermagem. Diário Oficial da União, [Internet]. 2017 [acesso em 02 abr. 2022]. Disponível em: <u>http://www.cofen.gov.br/resolucao-cofen-no-05442017_52029.html</u>.

12. Dias TG, Rosa CK, Menezes AC de, Andrade SN, Oliveira F. Sistematização da assistência e processo de enfermagem na saúde da família: percepção de enfermeiros. J. Nurs. Health. [Internet]. 2022 [acesso em 02 abr. 2022]; 12(1). Disponível em: <u>https://periodicos.ufpel.edu.br/ojs2/index.php/enfermagem/article/view/20794/14117</u>.

13. Alves HLC, Lima G de S, Albuquerque GA, Gomes EB, Cavalcante EGR, Viana MCA. Uso das teorias de enfermagem nas teses brasileiras: estudo bibliométrico. Cogitare Enferm. [Internet]. 2021 [acesso em 02 abr. 2022]. Disponível em: <u>http://dx.doi.org/10.5380/ce.v26i0.71743</u>.

14. Ministério da Saúde. Resolução n. 510, de 07 de abril de 2016. Dispõe sobre as normas aplicáveis a pesquisas em Ciências Humanas e Sociais. Diário Oficial da República Federativa do Brasil, [Internet]. 24 maio 2016 [acesso em 02 abr. 2022]. Disponível em: <u>https://bvsms.saude.gov.br/bvs/saudelegis/cns/2016/res0510_07_04_2016.html</u>.

15. Dantas CN, Santos VEP, Tourinho FSV. A consulta de enfermagem como tecnologia do cuidado à luz dos pensamentos de Bacon e Galimberti. Texto Contexto. [Internet]. 2018 [acesso em 5 jun. 2021]; 25(1). Disponível em: https://doi.org/10.1590/0104-0707201500002800014.

16. Silva S de O, Schimith MD, Buriol D, Alves AJP, Balconi I, Silva DC da. Consulta de enfermagem e diabetes mellitus: tendência da produção científica. Rev. Recien. [Internet]. 2021 [acesso em 02 abr. 2022]; 11(36): 276-88. Disponível em: <u>https://doi.org/10.24276/rrecien2022.12.38.238-246</u>.

17. Menezes HF de, Rosas AMMTF, Souza FS de, Viana L de O, Pinto ACS, Rufino CG. Produção brasileira de teses e dissertações sobre consulta de enfermagem: estudo de natureza bibliométrica. Rev. Enferm. Atual. [Internet]. 2017 [acesso em 02 abr. 2022]. Disponível em: <u>https://revistaenfermagematual.com/index.php/revista/article/view/290/181</u>.

18. Silva IAS, Fernandes JD, Paiva MS, Silva FR, Silva LS. O ensino do processo de enfermagem. Rev. Enferm. UFPE Online. [Internet]. 2018 [acesso em 5 jun. 2021]; 12(9): 2470-8. Disponível em: <u>https://doi.</u>

org/10.5205/1981-8963-v12i9a235896p2470-2478-2018.

19. Crivelaro PM da S, Posso MBS, Gomes PC, Papini SJ. Consulta de enfermagem: uma ferramenta de cuidado integral na atenção primária à saúde. Braz. J. Dev. [Internet]. 2020 [acesso em 02 abr. 2022]; 6(7): 49310-21. Disponível em: <u>https://doi.org/10.34117/bjdv6n7-542</u>.

20. Mota BAM, Lanza FM, Cortez DN. Efetividade da consulta de enfermagem na adesão ao tratamento da hipertensão arterial sistêmica. Rev. Salud Pública. [Internet]. 2019 [acesso em 02 abr. 2022]; 21(3). Disponível em: <u>https://doi.org/10.15446/rsap.V21n3.70291</u>.

Received: 29/01/2022 Approved: 17/07/2022

Associate editor: Dra. Luciana Kalinke

Corresponding author: Ludmila Anjos de Jesus Universidade Federal da Bahia R. Basílio da Gama, 241, Canela. Salvador, Bahia, Brasil E-mail:ludmila.anjos27@gmail.com

Role of Authors:

Substantial contributions to the conception or design of the work; or the acquisition, analysis, or interpretation of data for the work - Jesus LA de, Costa LEL, Oliveira MG, Souza VR dos S, Silva GTR da, Cordeiro ALAO, Rudval Souza da Silva, RS; Drafting the work or revising it critically for important intellectual content - Jesus LA de, Costa LEL, Oliveira MG, Souza VR dos S, Silva GTR da, Cordeiro ALAO, Rudval Souza VR dos S, Silva GTR da, Cordeiro ALAO, Rudval Souza VR dos S, Silva GTR da, Cordeiro ALAO, Rudval Souza VR dos S, Silva GTR da, Cordeiro ALAO, Rudval Souza VR dos S, Silva GTR da, Cordeiro ALAO, Rudval Souza VR dos S, Silva GTR da, Cordeiro ALAO, Rudval Souza VR dos S, Silva GTR da, Cordeiro ALAO, Rudval Souza VR dos S, Silva GTR da, Cordeiro ALAO, Rudval Souza da Silva, RS. All authors approved the final version of the text.

ISSN 2176-9133



This work is licensed under a Creative Commons Attribution 4.0 International License.