ORIGINAL ARTICLE



Nursing assistance systematization: understanding the care implementation process

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Abstract

Introduction: the Systematization of Nursing Care is one of the main tools for the development and organization of services for nursing professionals, its application guides the planning of individualized care and focuses on the specific needs of each individual.

Objective: the study's general purpose is to analyze primary health nursing care in light of the basic human needs theory.

Methods: this is a descriptive study with a qualitative approach, developed in the city of Rio Branco, Acre, Brazil, with nurses from the Basic Family Health Units. As a method for organization and interpretation, we opted for the content analysis proposed by Bardin.

Results: the Systematization of Nursing Care is perceived by nurses as an instrument for organizing care, but in practice, they think it is focused on assistance directed to the use of ministerial protocols. In this context, it was also evidenced that they focus on aid for health problems and complaints, indicating the anamnesis as a phase of the implemented nursing process with the other stages focused on the diagnosis of the disease and specific interventions.

Conclusion: our findings showed that professionals in primary health care end up directing their care only to momentary complaints, failing to broaden their look as a whole. In this way, assistance occurs in a fragmented way, failing to meet the real needs of the population.

Keywords: systematization of nursing care, nursing, nursing process.

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Authors summary

Why was this study done?

This study was initially carried out because it is a relevant topic for the nursing category, both from a social, human, scientific, care and management point of view. Thus, investigating about the perception of nurses regarding the systematization of nursing care, help to deepen the knowledge of nursing, expanding discussions and understanding regarding the perception of professionals in primary health care. It is possible to contribute to the improvement of direction for teaching and service institutions in view of the knowledge and difficulties of nurses in relation to the implementation of the systematization of nursing care and in the work process model, in order to rethink effective strategies to reorganize care and contribute to the strengthening of health policies that invest in promotion and prevention.

What did the researchers do and find?

First, selection of study participants, then a semi-structured interview was applied with nurses registered in the family health team of family health units, which work in the primary care network. After collecting the data, we proceeded to the organization and interpretation where we opted for the content analysis proposed by Bardin. After analyzing the data, it was possible to find three results, which originated the three categories of the study, the first: it was evidenced that the perception of professional nurses regarding the Systematization of Nursing Care, the second refers to the assistance provided by professionals does not happen mediated by the implementation of the nursing process and the third, there are still obstacles in training, highlighting points such as the need to broaden the discussion on the subject during training and professional practice.

What do these findings mean?

Considering the findings, it showed that there is a lack of knowledge about the systematization of nursing care, with this, nurses face difficulties in implementing care in their daily activities. In addition, with the lack of applicability of the Nursing Process method, they direct their care to the momentary complaints of individuals, with this, they fail to expand knowledge to the client in an integral and individualized way, causing a fragmented care practice, leaving to meet the real needs of the population.

Highlights

The study points to the need to generate knowledge for professionals who work in patient care, expanding their view even during graduation. Training and directing professionals is essential for better results in health services and care. In order to change the scenario, it is necessary to have paradigm shifts, starting in educational institutions, introducing disciplines that encourage practice and offer sufficient knowledge for professional performance with the objective of achieving quality results.

INTRODUCTION

The Systematization of Nursing Care (SNC) as a method allows nurses to plan care in a systematic way and with a focus on the needs of the individual.

The Federal Nursing Council, through its Resolution 358/2009, recognizes that organized nursing care requires to use of methodological instruments, which, based on the method, makes the nursing intervention more feasible; this assistance has as an instrument the nursing process (NP)¹.

The SNC is a way of organizing the professional work of nursing on a theoretical and philosophical basis. Its use is crucial during the provision of safe care and with technical, scientific, and human resources to improve the quality of care and favor teamwork and communication, enabling greater appreciation of professionals^{2,3}.

In Brazil, the method described for the first time in the 70s stands out, guided by the theory of basic human need (BHN) developed by Wanda Horta, which has the phases of the Nursing Process (NP)^{4,5}.

Horta (1979) defines the NP stages as dynamic, interconnected, and interrelated and divides them into history, diagnosis, care plan, nursing care plan or prescription, nursing prognosis, and evaluation, and stages that make care integral and specific^{6,7}.

In this way, it is necessary to implement the nursing care process to guarantee care assistance and more resources during the patient's treatment. Therefore, developing the best technique using the nursing process as a methodology for organizing and scheduling services and providing a better quality of favorable team (11) with results continuously and individually^{8,9}.

The Pan American Health Organization (PAHO) defines PHC as a strategy for organizing the health system, enabling comprehensive and universal assistance

for everyone who needs to be met in a more holistic, continuous way through actions and health services. Thus, a model of care that meets these characteristics provided throughout the person's life cycle and/or community comes into play^{10,11}.

SNC helps nurses review their decision-making effectively and persistently, approach other professionals and patients, and share and apply information to guarantee the continuity of care provided by diverse care needs¹².

Therefore, investigating nurses' perceptions regarding SNC in primary care is highly relevant, expanding the discussions and understanding of professionals' perceptions. It is still possible to contribute with directions for teaching and service institutions, given the knowledge and difficulties of nurses concerning the implementation of SNC and the work process model, and thus, rethink effective strategies to reorganize care and contribute to the strengthening of health policies that invest in promotion and prevention. Therefore, this study's general objective is to analyze nursing care in primary health care in light of the theory of basic human needs.

METHODS

It is a descriptive study with a qualitative approach, developed in the city of Rio Branco, Acre, Brazil. The research, with the opinion of 1,975,410 of the Research Ethics Committee, had as its scenario the Basic Family Health Units (BFHU) distributed by 69 Family Health Teams (FHT), 13 of which work in the Support Unit format of Family Health.

Nurses connected to the FHT participated, with a minimum of six months of experience, totaling 48 interviewees. A semi-structured interview addressing



questions about SNC's knowledge and practices was used to collect the data.

Following Minayo¹³, non-participatory observation was done. In addition to bringing the action of speaking closer to the practical exercise of day-to-day related to thinking and acting in practice with the use of a checklist¹⁴.

For data analysis, as a method for organization and interpretation, we opted for the content analysis proposed by Bardin¹⁵, developed through three methodological steps allowing the construction of an analysis structure according to the needs and objectives presented by the research, figure 1.

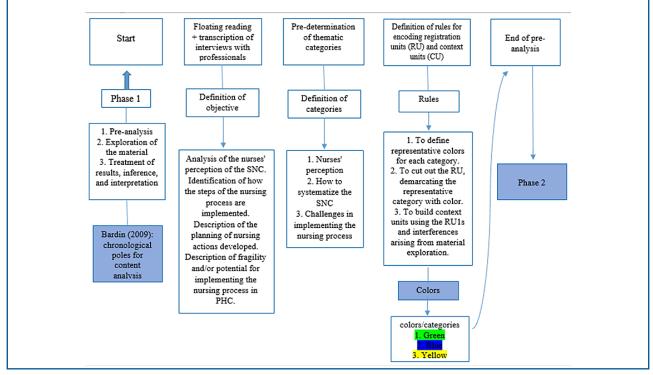


Figure 1: Flowchart of phase 1 (pre-analysis) of the content analysis technique proposed by Bardin

Based on the previously defined rules, the applicability of the data exploration and processing phase began. For this, the enumeration/evaluation rules of the units are made based on the coding process. The choice of counting rules makes it possible to define the Registration Units (RU) and Context Units (CU) according to the objectives arising from the indicators of a semantic nature regarding the affirmation of the SNC theme. The RUs and UCs are organized according to their evidence and guided by the definition of the simple frequency rule, where it is only possible to count the number of appearances of the RUs. According to Bardin, Simple Frequency (SF)

corresponds to the frequency of appearance of words or themes. It corresponds to the frequency of appearance of the theme words, which are repeated when considering the importance value. The more they are repeated, the more meaning is given to the expression or significance, giving more importance to the RU.

This rule made it possible to count only the words as a signifier, that is, the representativeness identified in the nurses' statements of what they understand concerning SNC. Thus, RUs and CUs are based on the rules, as shown in table 1:

Categories	Participants	Registration units	Context units
Nurses' perception of the Systematization of Nursing Care	Professionals	 (1) Service organization (2) Priority-diagnosis/problem, (3) Planning, implementation, diagnosis, (4) Nursing process/ history, physical examination, nursing prescription, (5) Facilitates the Service, (6) Care plan (7) Apply Protocols 	Some point out the SNC as the form of the service organization, prioritization of diagnosis/problem, planning, implementation and diagnosis, nursing process or phases in the elaboration of the care plan/intervention method. And some consider it just a way to facilitate the service and/or apply protocols to meet the health needs of the person or the population.
How nurses systematize nursing care	Professionals	 (1) Interview; anamnesis; physical examination (2) Medical diagnosis/complaint/ problem (3) Problems/ pathology. 	The screening process guides the Systematization of Nursing Care with a focus on carrying out an anamnesis/interview, identifying the problem based on the primary complaint or diagnosed pathology, and then carrying out a possible care and intervention plan.
Challenges in the care implementation mediated by the Nursing Process	Professionals	 (1) Structure/internet, (2) Time, (3) High demand, (4) Lack of connection with the community, (5) Academic education and training 	The nursing process implementation becomes limited due to obstacles such as high demands, lack of human and material resources, and lack of time and an unestablished bond with the community. In addition, academic training and insecurity are also elements that contribute to limiting the execution of the NP.

Source: Self-elaboration.

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Category I: Nurses' perception of the Systematization of Nursing Care, considering the value given more importance to those with more significant scientific evidence in order of words or ideas defined from the analysis of simple frequency were: (1) Organization of services (2) Priority-diagnosis/problem, (3) Planning, implementation, diagnosis, (4) Nursing process/history, physical examination, nursing prescription, (5) Facilitates Service, (6) Plan of care (7) Apply Protocols.

Category II: How nurses systematize nursing care, the fragments of communications that demonstrate how the organization of the work environment in the FHT units happens. Related to word order or defined ideas of higher value to those with more substantial scientific evidence used from simple frequency analysis were: (1) Interview; anamnesis; physical examination (2) medical diagnosis/ complaint/problem (3) Problems/pathology. care mediated by the NP, deals with the difficulty or ease of implementing care mediated by the NP. Applying the simple frequency rule allowed the identification of RUs, making it possible to count only the words while significance presented in the statements, following the order and quantity of appearance. The order of words or ideas defined from the simple frequency analysis were: (1) Structure/internet, (2) Time, (3) High demand, (4) Lack of connection with the community, (5) Academic education and training.

The last phase corresponds to the treatment of the results categorized and organized by RUs and UCs, subsidizing the elaboration of evidence and the construction of the framework for each analytical pre-category.

For each analytical pre-category, the research evidence that guided the discussions was described, seeking to understand the meaning of social representations in the light of their evidence, whether you are favorable, unfavorable, or neutral with the ideas presented, as illustrated in board 2.

Finally, category III: Challenges in implementing

Table 2: Registration units, context units, and the formation of the respective analytical pre-categories according to Bardin's analysis technique (2011). Rio Branco, Acre, Brazil, 2020

Analytical Categories	Registration units	Context units
Nurses' perception of Systematization of Nursing Care.	Priority diagnosis/problem; Planning, implementation, diagnosis; nursing process/history, physical examination, nursing prescription; Facilitating the Service; Care plan.	Some point out SNC as a service organization, prioritization of diagnosis/ problem, planning, implementation and diagnosis, nursing process or phases in elaborating the care plan/intervention method. Others consider it only as a facilitator of the service and/or protocol application to meet the health needs of the person or the population.
How do nurses systematize nursing care?	Interview; anamnesis; physical exam. Medical diagnosis/complaint/problem. Problems/pathology.	A triage process guides the Systematization of Nursing Care with a focus on carrying out an anamnesis/ interview and identifying the problem based on the primary complaint or diagnosed pathology and, after, carrying out possible care and intervention plan.
Challenges in the implementation of care mediated by the nursing process.	Time; Academic education Structure/internet. High demand. Lack of connection with the community.	The implementation of the nursing process becomes limited due to obstacles such as high demands, lack of human and material resources, and lack of time and an unestablished bond with the community. In addition, academic training and insecurity are also elements that contribute to limiting the execution of the NP.

RESULTS

Category Analysis

The study results were identified based on significant evidence. In addition, the enumeration rules were considered, with the treatment of data distributed in RUs and CUs.

In category I, it was evident that the perception of nursing professionals regarding the SNC is directed to the steps already programmed; even recognizing the importance of systematization, they end up being linked to complying and implementing care that is guided and based on ministerial protocols.



 Table 3: Description of the study evidence related to the categories. Rio Branco, Acre, Brazil, 2020

Thematic categories	Identified evidence
Nurses' perception of the Systematization of Nursing Care	Evidence: SNC with a focus on protocols; punctual and fragmented assistance.
How nurses systematize nursing care	Evidence: A curative view of care, focused on punctual and fragmented practices.
Challenges in the implementation of care mediated by the nursing process	Evidence: Obstacles in academic education and training; need to reorganize care; need to build a protocol for SNC.

Source: Self-elaboration.

In category II, the assistance provided by professionals is not mediated by the implementation of the nursing process (NP), being limited to anamnesis, giving priority to the diagnosis or problem of that individual, and failing to provide comprehensive and holistic care. Assistance is focused on specific issues and interventions, making it difficult to improve the quality of life of the patient, family, and community.

In category III, there are still obstacles in training, highlighting points such as the need to broaden the discussion on the subject during training and professional practice. Light and light complex technologies appeared, such as interpersonal relationships, bonding with the community, and training as challenging points, in parallel with issues of organization, structure, and workspaces, which can be referred to as complex technologies.

DISCUSSION

Nurses perceive the SNC as an instrument for organizing care, but in practice, they end up thinking that SNC is focused on assistance directed to the use of ministerial protocols. In this context, it was also evidenced that they focus on support for health problems and complaints, indicating the anamnesis as a phase of the implemented NP, with the other stages concentrating on the disease diagnosis and specific interventions.

Regarding challenges, professionals reveal that the most significant limitations are high demands, lack of personal and material resources, and a lack of bond between professionals and patients so that they can better understand the needs of individuals and groups. Thus, problems come from training these professionals and continue while they are still in the workplace.

The nursing professional has direct contact with patients and is imperative in ensuring qualified health care. This assistance demanded them to look different to provide care with individuality and integrality^{16,17}.

Therefore, the SNC aims to improve the care process of professionals, organizing the best plan and work process so that the objectives are achieved, improving results, and ensuring more qualified care that meets the biopsychosocial needs of each individual¹⁸.

Nurses' perception of the Systematization of Nursing Care

In this context, the first category describes the nurses' perception of SNC, based on the assumption that nursing, when working with individuals who need care, needs to have knowledge and knowledge that enable the provision of qualified health care. Thus, from the perspective of the speeches of nursing professionals, the findings show that nurses differ in their perception of SNC, revealing a knowledge focused on a care plan following the ministry's protocols, as testimonials below:

Nur. 4: "It is the planning, identification, planning, and intervention of nursing actions for individuals as a result of situations".

Nur. 15 "When talking about the systematization of nursing care, it reminds me a lot of the nursing process, the five stages, the history, the physical examination, the nursing prescription, the implementation, and the evaluation".

Nur. 29 "I understand that it is a more organized assistance, right, in which you can follow, where we follow the protocols, [...]".

Nur. 36 "These are protocols, norms that guide our daily service routine".

There is a fixed view on the implementation of SNC, which leads to organized practices based on already available protocols. Although they point to a form of organization and planning of care, in most cases, they prioritize the diagnosis/problem of the individual.

A study carried out in 2018 also showed that although professionals present knowledge about SNC, this knowledge is still confusing, with several doubts and conflicts regarding the theme¹⁹.

Most professionals have inadequate knowledge about SNC and its work methodology and, therefore, end up during their care practice failing to perform some steps and prioritizing others²⁰.

Corroborating the study's findings, Araújo *et al.*²¹ show that through SNC, professionals see the opportunity to organize actions and perform services as a team. In addition, the methodology allows for more humanized care and autonomy, based on the foundations of technical-scientific knowledge, favoring individual and qualified care and assistance.

It is known that SNC implementation is characterized by the organization and standardization of services that guide care, contributing to the improvement and continuity of individualized care, in addition to generating benefits in the organization of health services²².

Thus, although professionals recognize the importance of systematization in the organization of care and its result when applied, many still do not perform the NP stages the way they should²³.

Corroborating the study, Ribeiro and Padoveze (2018)¹⁹, show that nurses cited the use of protocols as a tool for implementing SNC. Therefore, it is possible to observe that professionals, when implementing the systematization, end up developing actions erroneously based on programs and manuals of the Ministry of Health (MH), which will imply the incorrect use of the methodology, reaching only specific points and individuals of these protocols²⁴.

Thus, the evidence of this study is that the perception of Primary Health Care (PHC) nurses about SNC are focused on the process stages for building a care plan; however, linked to the ease of implementation of ministerial protocols.

In this way, it can be understood that professionals are not performing the systematization correctly, much less taking the necessary steps for the NP, developing only actions focused on the diagnosis/problem of the individual.

Santana *et al.*²³ guarantee that is improving the quality of health services, regardless of the level of care, is not based on protocols, rules, and norms. To improve these services, it is essential to include systematized work plans that guide the health actions that will be developed by the nursing team.

Xavier *et al.*²⁵ brought up the importance of professionals knowing and applying the SNC, as this methodology can direct care in an individualized way and decision-making to solve problems from the direction of your actions and your team.

Bureaucratic activities are what most hinder the performance of care correctly. SNC does not happen in primary care services due to the distance between nurses' thinking and performing since many are there only to fulfill protocol demands²⁵.

SNC is seen as a methodology created to improve the assistance provided. Still, they are limited to carrying out programs imposed by the MS with the implementation of pre-established protocols. Because of this, there is a gap in reformulating new care practices so that SNC is recognized and practiced as the essential tool it is so that it is possible to introduce it in the daily work process and, thus, provide individualized care.

Professionals using the NP develop more useful care skills and promote greater patient/professional behavior autonomy to facilitate the acquisition of fundamental data during care and individualized assistance⁶.

Given this, the importance of systematization for professionals is perceived, directing the realization of broader and more resolute care for individuals and health services.

How nurses systematize nursing care

The second category describes how nurses systematize nursing care, having the practice of care as primary evidence based on the problem and/or diagnosed complaint. In this way, they carry out a schedule and an intervention, visualizing the punctual solution, without understanding the patient in meeting their deepest care needs in an integral, holistic and integrated way with primary health care. As mentioned by the nurses' statements below: Nur. 1 "[...] I do the interview, the anamnesis, the physical exam and sometimes and many times I make a schedule or even a... I write down all the care that this patient needs [...]".

Nur. 12 "It is from the moment that the patient comes in I identify the problem, that I plan an action, that I intervene, so, this is all the nursing process".

Nur. 20 "[...] we interview, looking for the main problems we have in the community to put together our action plan".

Nur. 43 "Organizing my assistance, how am I going to talk to her, if what she is saying there, she is feeling is another type of problem, I try to differentiate one thing from the other".

Therefore, it is possible to perceive that the nurses direct their care to the current problem identified in the data collection. The focus is to solve the patient's complaint and carry out a care plan and intervention, approaching only that problem.

Corroborating our findings, a study showed that nursing professionals do not complete all the NP stages, focusing only on some steps¹⁹.

A study carried out four years ago mentioned that nurses need to understand the importance of SNC. Thus, its implementation will take lightly and complements this methodology to add and conform to the planning of services, helping in the execution, control, and evaluation of health actions, whether directly or indirectly linked to individuals and their families²⁶.

However, the study points out that although professionals believe in implementing SNC as a tool to improve care, unfortunately, most are not in the habit of using it. The centered, patient approach is not unknown to professionals, but for some reason, they do not put it into practice²⁷.

The study also mentions that SAE implementation is more frequent in secondary and tertiary care¹⁰. Therefore, this reinforces the need to enhance its use daily. In this way, when the NP is not carried out thoroughly, the information and care end up fragmented.

Therefore, professionals must put aside biological practices and begin to analyze the individual as a whole, creating innovative and effective strategies. Consequently, it is essential to understand that each individual is unique and has to be treated holistically and not just as a disease^{28,29}.

It was evidenced that professionals practice care without using the method with defined steps, focusing only on the individual's problem at that moment and performing specific interventions with a curative look.

Therefore, these professionals must understand the need for the applicability of the NP integrally so that they can understand the individual more broadly, identifying needs beyond the disease.

Thus, nurses need to understand the importance of SNC, so its implementation will take place lightly. It adds to the planning of services, helping to execute, control, and evaluate health actions³⁰.

The SNC guarantees professionals a mechanism of valorization, autonomy, and quality practices, enabling them to provide differentiated assistance and create alternatives to improve the quality of life of individuals.

In this way, the SNC subsidizes actions that will contribute to the promotion, prevention, recovery, and rehabilitation of the health of individuals, families, and the community. However, in practice, this process shows difficulties, especially in PHC. However, it must be implemented in work environments, especially since professionals know how and when to use it³¹.

However, even during so many difficulties observed, professionals end up not seeing the functionality of the SAE, which would help organize and plan their care based on scientific and well-founded principles³².

Several factors are associated with the difficulty of implementing the SNC; they are organizational, professional, and even personal, and to be overcome, these professionals must be qualified.

Challenges in the implementation of care mediated by the nursing process

In this context, the third category describes challenges in the performance of care driven by the NP, showing that there are factors such as lack of human and material resources, deficits in professional training, excessive demand, and difficulty in communication, in addition to insecurity in the applicability of SNC.

It was evidenced that nurses missed being prepared to implement SNC in PHC. In addition, they question the high demand for services.

Nur. 45 "In my opinion, my difficulty started at college, we didn't work the SNC in primary care, to tell you the truth, I don't even know how to create a diagnosis [...]".

Nur. 8 "The time, the demand is very high, and the process should be more dynamic to facilitate patient data collection; we don't have that".

Nur. 32 "I think the difficulty is because the population has not yet understood that prevention is better than coming here when the problem is already installed".

Nur. 38 "[...] we have a little difficulty, and I don't have the SNC in the file, in the hospital we end up organizing care in primary care according to the protocols of the ministry of health [...]".

Therefore, the difficulties in implementing the NP are diverse. Still, they punctuate the problems related to academic training and preparation, issues with high demand, time to carry out activities, and the lack of internet. Professionals also report that the lack of proximity to the population impairs the implementation of the SNC, as they cannot create a bond or have good communication.

A study identified factors hindering SNC implementation: lack of training, excessive work demands, interruptions during the nursing consultation, and professional devaluation¹⁹.

The study by Penedo and Spiri³³ reveals findings similar to ours; they point out an overload of activities,

many users, a lack of human resources, and appropriate records.

The difficulty in implementing the NP is justified by the lack of knowledge of professionals about its phases, low quality of training, deficiency in the quality of training in the work environment, few personal resources, and investments in services, in addition to the limitation of professional autonomy^{33,34}.

Thus, our findings suggest that challenges encountered in implementing care mediated by the NP are related to interpersonal relationships, reception, and bonds. In addition, those factors focused on knowledge, highlighting training and equipment and materials, such as technologies, which in nursing practice are allied to the care practices that underlie the profession³⁵.

Health technologies are material and non-material instruments to assist in care practice and are divided into light technologies related to acts of health, reception, and humanization. Soft and hard technologies are technological, clinical, and epidemiological knowledge; hard technologies are machines, equipment, and other material resources^{36,37}.

Thus, considering the challenges pointed out, there are those focused on light technologies, which are related to and interact with the community, for soft technologies, the training process, and hard technologies, the physical space, and instruments of care.

It is noteworthy that these factors are interconnected. And the health work process involves relationships, knowledge, care instruments, and organizational and structural issues.

For this reason, there is a need to develop and unite these technologies to guarantee a better quality of care, implementing in daily life several instruments capable of providing an evolution in care and nursing care. Thus, it is crucial to know the technical-scientific aspects, materials, and tools that involve these technologies to enable a group of sets that can improve quality care and expand the possibilities of practices capable of promoting care^{38,39}.

Therefore, services must reorganize the care model, creating new care organization processes that do not impair care. And build a material that guides them during the systematization of quality care.

Therefore, as Silva *et al.*⁴⁰ revealed in their study, teaching the nursing process even in training nursing professionals is essential. Training must accompany all theoretical, scientific, and technological advances so that educators are continuously trained to ensure good results in the methodology development and transform the care model provided in health services.

Therefore, the gap between training and practice needs more attention to reviewing professionals' teaching methodologies. The educational institution is accountable for training students for professional life, essential for articulating theory and practice¹⁹.

It is noted a demand for a change in training. Educational institutions must adequate their methods, bringing theoretical/practical knowledge concurrently, especially concerning SNC, considering the challenges in the work environments so that it is possible to reduce them to guarantee a better quality of health for the population and more autonomy in health spaces.

Regarding the scarce professional/user interaction, it should be considered that this is a way of establishing bonds. It should start from the reception at the service to the nursing consultation.

Thus, given the implementation of SNC in primary care, it is clear that the knowledge of professionals is fundamental to guaranteeing the expected outcomes. Hence, it is vital to guide them to value SNC to improve patients' and families' quality of life.

It is also known that there are many challenges to implementing SNC, especially in PHC. Therefore, it is up to health services and educational institutions to create opportunities and specific actions that can help professionals, from training to using the methodology as an ally in providing care.

The quality of care and the guarantee of the population's quality of life depends on the actions that will be developed; therefore, the implementation of SNC is essential. At the same time, it can create more autonomy and recognition for health professionals, ensuring greater occupation satisfaction and better working conditions.

CONCLUSION

In this research, it was evidenced that nurses working in primary health care end up directing their care only to the momentary complaints of individuals, failing to broaden the view as a whole. It is noticeable the use of protocols as a method to systematize nursing care by providing punctual and fragmented care.

Thus, nursing care occurs in a fragmented mode, failing to meet the real needs of the population, turning

curative actions/acting into a punctual and fragmented practice.

Therefore, there is necessary to prepare professionals for the applicability of systematized nursing care capable of achieving better outcomes.

Author Contributions

All authors contributed to the manuscript. Jaçamar Aldenora dos Santos: Participated in the study design, definition of the study design, data collection, data analysis, statistical analysis, discussion of results, writing of the text and final version of the text; Italla Maria Pinheiro Bezerra: Participated in the general orientation of the research, definition of the study design, data analysis, statistical analysis, discussion of results, writing of the text and final version; Francisco Naildo Cardoso Leitão: Participated in the of the text and final version; Ana Paula de Araújo Machado: Participated in the data analysis, discussion of results, writing of the text and final version; José Lucas de Souza Ramos: Participated in the study design, data collection, data analysis, statistical analysis and writing of the text; Blanca Elena Guerrero Daboin: Participated in the of the text and final version; Ionar Cilene de Oliveira Cosson: Participated in the of the text and final version; Luiz Carlos de Abreu: Participated in the general orientation of the research, definition of the study design ad final revision of the text; Daniel Paulino Venâncio: Participated in the general orientation of the research, definition of the study design and final revision of the text.

Conflicts of Interest

The authors report no conflict of interest.

REFERENCES

- Conselho Federal de Enfermagem. Resolução 358/2009 do COFEN, 15 de outubro de 2009 (BR). [Internet]. Brasília: COFEN; 2009. Available from: http://www.cofen.gov.br/resoluocofen-3582009_4384. html
- Silva MCN. Sistematização da assistência de Enfermagem: desafio para a prática profissional. Enfermagem em Foco. 2017; 8(3).
- 3. Badin M, Toledo VP, Garcia APRF. Contribution of transference to the psychiatric nursing process. Revista Brasileira de Enfermagem. 2018; 71:2161-2168.
- 4. Horta WDA. Processo de enfermagem. In Processo de enfermagem. 1979; 99-99.
- Garcia TR, Nóbrega MMLD, Carvalho ECD. Processo de enfermagem: aplicação à prática profissional. Online Braz. J. Nurs. 2004; 25-33.
- Menezes SRT, Priel MR, Pereira LL. Autonomia e vulnerabilidade do enfermeiro na prática da Sistematização da Assistência de Enfermagem. Escola de Enfermagem da USP. 2011; 45(4): 953-958.
- Maria MA, Quadros FAA, Grassi MDFO. Sistematização da assistência de enfermagem em serviços de urgência e emergência: viabilidade de implantação. Revista Brasileira de Enfermagem. 2012; 65(2): 297-303.
- 8. Santos BRF, Costa KKS, Amorim CSS, Oliveira MFV, Nascimento CCL, Farias RC et al. Sistematização da assistência de enfermagem em isolamento respiratório pediátrico a fulgor da teoria das necessidades humanas básicas: relato de experiência. Revista Eletrônica Acervo Saúde. 2020: (50): 2914-2914.
- 9. Silva TGD, Santana RF, Dutra VFD, Souza PAD. Implantação do processo de enfermagem na saúde mental: pesquisa convergente-assistencial. Revista Brasileira de Enfermagem. 2020; 73.
- Cavalcante RB, Otoni A, Bernardes MFVG, Cunha SGS, Santos CS, Silva PC. Experiências de Sistematização da Assistência de Enfermagem no Brasil: um estudo bibliográfico. Revista de Enfermagem da UFSM. 2011; 1(3): 461-471.





- 11. Ministério da Saúde. Declaração de Alma Ata sobre cuidados primários. URSS. 1978.
- 12. Kahl C, Meirelles BHS, Lanzoni GMDM, Koerich C, Cunha KSD. Ações e interações na prática clínica do enfermeiro na Atenção Primária à Saúde. Revista da Escola de Enfermagem da USP. 2018; 52.
- Minayo MCS. O desafio do conhecimento: pesquisa qualitativa em saúde. São Paulo: Hucitec. 2010; (12).
- 14. Machado MDFADS. Compreensão das mudanças comportamentais do usuário no PSF por meio da participação habilitadora. 2007.
- 15. Bardin L. Content analysis. 2011; 70(279).
- 16. Costa CS, Normann KAS, Rocha TAKS, Aguiar CD. A influência da sobrecarga de trabalho do enfermeiro na qualidade da assistência. Uningá Journal. 2018; 55(4): 110-120.
- 17. Freitas EA, Freitas EA, Santos MDF, Félis KC, Moraes FIM, Ramos LSA. Assistência de enfermagem visando a qualidade de vida dos pacientes renais crônicos na hemodiálise. Revista de Iniciação Científica e Extensão. 2018; 1(2): 114-121.
- 18. Gutiérrez MGRD, Morais SCRV. Sistematização da Assistência de Enfermagem e a formação da identidade profissional. Revista Brasileira de Enfermagem. 2017; 70: 436-441.
- 19. Ribeiro GC, Padoveze MC. Sistematização da Assistência de Enfermagem em unidade básica de saúde: percepção da equipe de enfermagem. Revista da Escola de Enfermagem da USP. 2018; 52.
- 20. Salvador PTCDO. Construção e validação de objeto virtual de aprendizagem para apoio ao ensino da SAE aos técnicos em enfermagem. 2016.
- Araujo FA, Anjos BF, Ribeiro WA, Oliveira AT, Monsores AF, Conceição DLL et al. Sistematização da assistência de enfermagem no cuidado com a mulher mastectomizada: Uma revisão integrativa. Research, Society and Development. 2021; 10(9): e31710918121-e31710918121.
- 22. Martins P, Rocha ESB, Amorim SMR, Costa AMA, Oliveira TAC, Nolêto LL et al. Sistematização da assistência de enfermagem: vantagens e dificuldades na sua aplicação sob a ótica de enfermeiros. Revista Eletrônica Acervo Saúde. 2019; 11(8): e588-e588.
- 23. Santana JCB, Rocha VAM, Oliveira E, Afonso LN, Santos SLR, Freitas VMF et al. Percepção dos enfermeiros acerca da Sistematização da Assistência de Enfermagem na atenção básica de Belo Horizonte. Enfermagem Revista. 2013; 16(1): 4-17.
- 24. Diniz IA, Cavalcante RB, Otoni A, Mata LRFD. Percepção dos enfermeiros gestores da atenção primária sobre o processo de enfermagem. Revista brasileira de enfermagem. 2015;68(2):206-213.
- 25. Xavier LF, Silva SBMD, Silva YCDO, Oliveira OD, Júnior SLADM. Sistematização da assistência de enfermagem: o conhecimento de enfermeiros do município de JI-Paraná, Rondônia, Brasil. Nursing. 2018; 2110-2113.
- 26. Soares MI, Resck ZMR, Terra FDS, Camelo SHH. Systematization of nursing care: challenges and features to nurses in the care management. Escola Anna Nery. 2015; 19(1): 47-53.
- 27. Wanzeler KM, Bastos LBR, Cruz AB, Silva NP, Souza SPC, Sena DAB et al. Sistematização da Assistência de Enfermagem na APS. Revista Eletrônica Acervo Saúde. 2019; (35): e1486-e1486.
- Nobre CLC, Oliveira A, Joia JH, Santa CL, Franco L, Oliveira KRF et al. O trabalho em rede nos casos de alta complexidade e de alta vulnerabilidade: a experiência de uma UBS. Distúrbios da Comunicação. 2017; 29(2): 377-384.
- 29. Medeiros AL, Santos SR, Cabral RWL. Desvelando dificuldades operacionais na SAE através da Grounded Theory. Revista Eletrônica de Enfermagem. 2013; 15(1): 44-53.
- 30. Soares MI, Resck ZMR, Terra FDS, Camelo SHH. Systematization of nursing care: challenges and features to nurses in the care management. Escola Anna Nery. 2015; 19(1): 47-53.
- 31. Botelho J, Veloso GBL, Favero L. Sistematização da assistência de enfermagem: o conhecimento da equipe de enfermagem de um centro cirúrgico. Rev Enfermagem em Foco. 2013; 4(3):4.
- 32. Costa AC, Silva JV. Representações sociais da sistematização da assistência de enfermagem sob a ótica de enfermeiros. Revista de Enfermagem Referência. 2018; 4(16): 139-146.
- 33. Penedo RM, Spiri WC. Meaning of the Systematization of Nursing Care for nurse managers. Acta Paulista de Enfermagem. 2014; 27(1): 86-92.
- 34. Oliveira FF, Lima DIR, Silva GEC. Sistematização da assistência de enfermagem em instituição de longa permanência para idoso: limites e possilidades. Nursing. 2021; 24(272): 5082-5091.
- 35. Silva RCD, Ferreira MDA. Clínica do cuidado de enfermagem na terapia intensiva: aliança entre técnica, tecnologia e humanização. Revista da Escola de Enfermagem da USP. 2013; 47(6): 1325-1332.



- Gonçalves GAA, Silva KVLGD, Santos RLD, Machado MDFAS, Rebouças CBDA, Silva VMD. Percepções de facilitadores sobre as tecnologias em saúde utilizadas em oficinas educativas com adolescentes. Revista Mineira de Enfermagem. 2020; 24: 1-7.
- 37. Silva MC, Ogata MN, Pedro WJA. A ciência e a tecnologia pelo olhar de gestores municipais de saúde e articuladores de saúde do idoso de uma região no interior do estado de São Paulo. Revista Tecnologia e Sociedade. 2017; 13(28): 37-54.
- Rodrigues ES, Sousa NI, Silva SIH, Araujo PMK, Araújo SNM, Bastos N et al. Aplicabilidade de tecnologias leve-duras como estratégia para cuidadores de idosos: relato de experiência. Revista Enfermagem Digital Cuidado e Promoção da Saúde. 2019; 4(2).
- 39. Olympio PCDAP, Alvim NAT. Jogo de tabuleiro: uma gerontotecnologia na clínica do cuidado de enfermagem. Revista Brasileira de Enfermagem. 2018; 71: 818-826.
- 40. Silva IAS, Fernandes JD, Paiva MS, Silva FRD, Silva LSD. O ensino do processo de enfermagem. Rev. Enferm. UFPE. 2018; 2470-2478.

Resumo

Introdução: a Sistematização da Assistência de Enfermagem é uma das principais ferramentas para o desenvolvimento e organização dos serviços dos profissionais da enfermagem, a aplicação da mesma orienta quanto ao planejamento de uma assistência individualizada e com foco nas necessidades específicas de cada indivíduo.

Objetivo: analisar a assistência de enfermagem na atenção primaria à saúde à luz da teoria das necessidades humanas básicas.

Método: trata-se de um estudo descritivo de abordagem qualitativa. A pesquisa foi desenvolvida no município de Rio Branco, com profissionais enfermeiros das Unidades Básicas de Saúde da Família. Como método para a organização e interpretação optou-se pela análise de conteúdo proposta por Bardin.

Resultados: a Sistematização da Assistência de Enfermagem (SAE) é percebida pelos profissionais enfermeiros como um instrumento de organização do cuidado, porém estes na prática acabam achando que a SAE está voltada para a assistência direcionada ao uso de protocolos ministeriais. Nesse contexto, evidenciou-se ainda que estes focam a assistência em problemas de saúde e as queixas, indicando a anamnese como fase do processo de enfermagem implementado, sendo as demais etapas voltadas para diagnóstico da doença e intervenções pontuais.

Conclusão: evidenciou que os profissionais na atenção primária à saúde acabam direcionando seus cuidados apenas para as queixas momentâneas, deixando de ampliar o olhar para o mesmo como um todo. Desse modo, a assistência ocorre de modo fragmentado, deixando de atender as necessidades reais da população.

Palavras-chave: Sistematização da assistência de enfermagem, enfermagem, processo de enfermagem.

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