

# Benefits of Collaborative Nursing and its Impact in Providing Effective Care

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#### Abstract

This study focuses on the benefits of collaborating nursing in healthcare and its impact over providing effective care for the patients. Collaborative nursing practice is the main foundation of qualitative care for patients. Collaborative nursing process helps in decreasing the gaps between the staff and increases the value of unique nursing professions. This study focuses on the collaborative practice of nursing in healthcare to create a supportive partnership within the staff members and empowering the members to work together. Besides that, this process enables the practice of professional culture and improving individual skills and standards of nursing to provide safe and effective care for the patients. In this study, secondary data have been collected to evaluate the basic impacts of collaborative nursing in the healthcare field. Apart from this, there is a detailed discussion about the principles of collaborative practice in order to provide ethical care for the patients and the necessity of a professional environment for practicing it. Thematic analyses have been used in the study to interpret the collected data and the findings of the study suggests the contribution of collaborative nursing and its effective impact in healthcare practice for enhancing the safety of patients and improving the outcomes of nursing practice.

Keywords: Collaborative nursing, effective care, nursing profession, healthcare practice

#### Introduction

This study focuses on the benefits of collaborative nursing in the healthcare department and its effectiveness in providing care for patients. Collaborative nursing aims to improve patient outcomes in the healthcare department through interprofessional cooperation. There is a detailed discussion about the effectiveness of this process and it encourages families of the patients to actively participate in the treatment process which will improve patients' health and experience. Apart from this, this study has focused on the benefits of the process in the nursing department, as it requires interprofessional suggestions and collaboration. The need for the process in the nursing department to improve the outcomes of the patients and to reduce the gaps between the team members. This process is very much helpful and this study has focused on selecting effective methods that can improve the process and the outcomes of the patients.

# Aim and objectives of study

This study aims to find out the benefits of inter collaborating nursing process and its positive and negative impacts on providing effective quality care for patients.

# Objectives

- To understand the need for collaborative nursing in the healthcare
- To understand the impact of collaborative nursing practice on the healthcare
- To improve the aspects of collaborative nursing in enhancing quality care for the patient
- To empower individual members in nursing assistance and reduce the gaps between the members

# Significance of study

The main focus of the study is to provide good quality of care to patients through the collaborative nursing process. It signifies the process of improving nursing quality in healthcare to provide the best quality of service and care to patients and their family members. Improving the nursing quality in the medical field is very necessary and collaborative nursing processes, significantly improve the quality of treatment for the patients in the healthcare department. This study significantly helps to acknowledge the treatment process in the healthcare department and helps to improve the process through the intercollaborative nursing process for increasing the quality of improvised quality of care for patients.

# **Operational definitions**

# **Collaborative nursing:**

Collaborative nursing practice is based on the professionals and the nurses of the healthcare centres that provide unique nursing practice through open communication of the team members with the patient and the family members of the patient. This practice helps to make much more efficient decisions about the treatment of the patient that provides the best quality of care for the patients and in return, they gain more respect and trust from the patients and their family members.

*Effective care:* effective care in nursing practice provides proper guidance by the leaders of the team by increasing the personal connection between the team members, and motivating the staff in crucial times which helps to increase the outcomes of the patients. Apart from this, providing effective care to the patients helps to gain respect and trust from the patients and their family members.

# Evaluation of collaborative nursing practice

The collaborative nursing process is a process where healthcare professionals work in conjunction to treat patients and this process provides benefits for both the patients and the professionals. Besides that, this process defines multiple international professionals working together with patients and their families are also helping in this process to deliver the highest quality of care for the patients. This process helps to prepare the next generation of healthcare

systems set by the professionals in the medical field to improve the healthcare system [1]. Apart from this, this process evaluated the understanding between the team members and decreased all the communication gaps between the members.

The collaborative nursing process has been practised for two decades but in the modern generation, the implementation of collaborative practice in the nursing department has increased. People from different professional backgrounds in the medical line come together to solve crucial issues and provide the best treatment to the patients which is more safer and effective [2]. Before this process, the patients, family members of patients and the healthcare professionals have faced misunderstandings which have created many issues in the treatment process because of lesser communication [3]. However, the protocol of collaborative nursing is efficient enough to solve all the issues related to the treatment of patients as the protocol chooses all high-fidelity interprofessional for treatment and communication between the team members helps to improve the process.

#### Need for collaborating nursing in healthcare

The medical profession is very crucial as every professional is responsible to treat their patients with their best care and service. In recent days, professionals from all around the world are eager to work together to solve any crucial issue that occurs in the healthcare department. Through the collaborative nursing process in healthcare, professionals from different countries can collaborate and make different contributions to the healthcare system to solve an issue. All the doctors and nurses can provide the best treatment for their patients through this process, thus implementing this process in the healthcare department is very necessary [4]. Through this process, different professionals have different suggestions to treat a patient and the best suggestion can be taken through this process to improve the treatment of the patient.

Interprofessional collaboration has become a very important and necessary component for establishing a well-functioning healthcare system. The role of nurses is very critical in the medical field in comparison to other professions of the world. Many factors make the profession more difficult such as the professionals needing to follow many policies and rules while treating a patient, managing a team of professionals with different suggestions is difficult, providing efficient and effective care for the patient, encouraging the family members to participate in the treatment and many others [5]. Hence, this process is very much needed in the medical system to improve the treatment and treating process of the patients.

#### Methods

Research philosophy is associated with the assumption, knowledge and nature of the study which helps to develop a specific understanding of the study. Research philosophy helps to collect data to understand the topic and analyse the topic to develop the understanding of knowledge about the study [6]. There are 4 types of research philosophy that guide in acknowledging particular aspects of the study and the types are *Pragmatism, Positivism, Realism and Interpretivism.* This study has been conducted using the *interpretivism* research philosophy method which embraces social theories and perspectives to construct a social viewpoint of the study through meaningful understandings. The research approach of the study focuses on collecting data and analysing the data to interpret the topic in detail. The *inductive* will be used in this study to measure the themes which will help to detect the

patterns of the data [7]. As there are no hypotheses selected for this study, following an inductive approach will be the best-suited method for this topic.

There are different types of research designs available to interpret the data of the study; however, the *exploratory* research design has been used in this study. This research design helps to conduct the research problem without relying upon any earlier studies to predict the outcome of the study [8]. Besides that, to collect data for this study, a *secondary qualitative data collection process* has been selected which is implemented by collecting reliable and authentic data from newspapers, articles, governmental reports and many others [9]. After collecting reliable and valid data from authentic secondary sources, effective data collection procedures by developing themes have been selected to interpret the topic and analyse the study. This study has maintained all the ethical considerations such as anonymity, confidentiality, informed consent and many others which have conducted guidance in developing proper research data about the topic.

#### Result

#### Decreasing inefficient medical care and extra costs

Rising healthcare expenses in medical care is a big matter of concern for most high-income countries and the governments of almost every country are seeking perfect protocols that can reduce the expenses of medical concern. High expenses in the medical field have lost the interest of a lot of patients and there are some families who cannot afford extra expenses to treat the patient in highly qualified healthcare centres. Socially constructed healthcare systems have not been able to serve their best service for their patients. Collaborative nursing processes help in decreasing the expenses in the medical care system and provide the best treatments and services for patients at a very lower cost than before [10]. The collaborative nursing system needs more support to increase the protocols in the medical sector that can provide improving treatments to their patients.

In this era where the world is constantly evolving with new technologies in the medical sectors countries across the world need to spend more interest in exploring new ideas to construct proper policies and protocols that can enhance the productivity of the healthcare department. Besides that, to gain important productivity in the healthcare sector they need to focus on the nursing system of this department. All the countries around the world are conducting new laws to protect the healthcare system with proper protocols that can increase the productivity of the healthcare department. The countries are conducting proper, valuable laws to decrease the inefficiency in medical care and extra expenses related to the treatment process of the patient in the healthcare department. The healthcare department needs to increase its productivity rate with high-efficiency labour sources at a lower price rate to gain the interests of the patients [11]. The collaborative nursing practice provides all the high-quality labour sources at a lower price to provide the best medical care for the patients and assure their family members about the safety of the treatment process.

#### Improving employee engagement and job satisfaction

The employees in the healthcare sector have faced many issues in their workplace as the world is constantly evolving and the population is increasing day by day, health issues are also increasing constantly. It is very necessary for the managers of the medical care department to maintain employee engagement and also need to increase their concerns towards the job satisfaction of the employees [12]. The collaborative nursing system increases distributed leadership and investigates employee engagement, and job satisfactionrelated factors through shared governance programmes. This process has increased the job satisfaction rate of the employees which has positively impacted and enhanced the employee engagement in the health care sector.

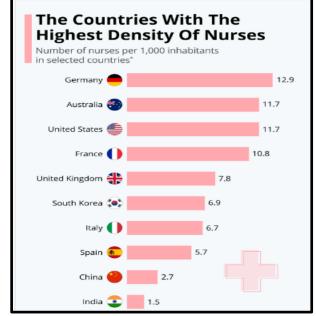


Figure 1: Density of nurses in different countries of the world

#### (Source: 13)

Healthcare sectors are very full of complexity and to understand the coordination relationship between the employers and the employees in this sector it is very necessary to understand the organisational growth quality and efficiency level of the workers. However, to increase employee engagement in these sectors it is very necessary to provide high-quality and efficient outcomes for the employees as well as for the patients which will automatically increase the job satisfaction of the employees [14]. Interprofessional increase the interest of the employees in their work which increases job satisfaction and employee engagement in the medical sectors.

#### **Reducing gaps between team members**

Collaborative nursing includes not only the collaboration of interprofessional but also the collaboration among the multidisciplinary clinical group, staff of administrative departments, patients and their families in a further more improvised treatment process. Apart from this, the collaborative nursing process also includes efficient coordination not only between the team members of professionals but also depends on the teamwork of the organisation and the collaboration of the technical team maintaining the cultural boundaries. This helps to deliver effective and much safer treatment and service to the patients and delivers more assurance to the family members of the patients [15]. Effective teamwork reduces gaps between the family members and the professionals and communicating with each other increases the efficiency level of treating the patients.

The teams in the healthcare department face some challenges related to managing the team such as conflicts in the management of the team, different decision-making of the team members, reflecting the progress, difficulty in teaching their members with different mentality and efficiency and many others. These challenges are similar for both the

administrative team and clinical team in the healthcare sector [16]. The collaborative nursing process is unique and helps to resolve all the challenges regarding the management of the team. The protocols that are taken in the collaborative process are smarter and more efficient enough to maintain all the team members of the healthcare sectors. The healthcare segment of the whole world is projected to reach up to US\$ 52.65 bn in 2022 and the revenue of the market value of healthcare is projected to reach up to US\$ 94.07 bn by 2027 [17].



Figure 2: Collaborating nursing process (Source: Influenced by 16)

#### Empowering every member of the team individually

Every member of the team in the healthcare sector is very important and everyone contributes their role in the protocol taken in the collaborative nursing process to improve the whole process. Team-based approaches provide good quality products in the healthcare sector and increase the efficiency of the individual team members. Before the collaborative nursing process appeared in the medical sectors there were licensed and unlicensed nurses in the system and both of these types of nurses worked in their teams but in collaborative healthcare systems, there are only licensed professionals who are allowed to practise to provide the best quality of care to the patients [18]. It is very important for the team members to acknowledge the process and encourage and provide empowerment to individual team members who work in the healthcare process.

The first thing that has been provided by the professionals and the nurses to the patients is safety and an increment in providing safety needs more empowered members of the team. Developing a series of protocols to provide safety to the patient will empower the team members and encourage them by the leaders of the team in crucial times is very essential to achieve the goals [19]. In the collaborative nursing process, the leaders of the team guide the other team members in the right direction and encourage and empower the team members in every situation which helps them to provide better care and treatment for their patients.

#### Discussion

Following the entire result of the study, it can be stated that collaborative nursing practice in the healthcare sector is a different and effective way to provide the best quality of care and treatment for the patient. This process has the potential in progressing the treatments of the patients in the healthcare department and providing a better and safer life to them. This process has decreased the communication gaps that have negatively impacted the team members over many decades but now the nursing process is improving day by day with new technologies and strategic protocols to increase the effective care to patients. The outcomes

of the patients have been improved by taking up the collaborative nursing process. This process has developed a strong team in the clinical and administrative departments connected in the healthcare sector and encourages the team members individually. The strategic protocols used in the collaborative nursing process have improvised the nursing practice and people are trusting the process and getting beneficial effective care from this process.

#### **Conclusion and recommendation**

This study has concluded all the effective impacts of the collaborative nursing process and this is a very potential progressive program in the healthcare sector. It has focused on the effectiveness and the progressive process such as it helps to build a strong team, helps to provide effective quality of care and treatment to the patients, it reduces the communication gaps between the team members and the patient and the family members of the patients and many others. The whole world needs to take up this process in the healthcare sector to improve the quality of treating patients which will help to increase the outcomes of the patients. Apart from this, it has discussed all the aspects of the topic and focused on the elements that are necessary to build a collaborative nursing process in the medical sector. However, focusing on the nursing process this study has concluded the effective protocol that can help in developing furthermore collaborative nursing practices all around the world which will improve the resting process and thus the employee engagement and patient's engagement in the protocol will automatically increase over time. References

- [1] Carney PA, Thayer EK, Palmer R, Galper AB, Zierler B, Eiff MP. The benefits of interprofessional learning and teamwork in primary care ambulatory training settings. Journal of interprofessional education & practice. 2019 Jun 1;15:119-26.
- [2] Zhang J, Cui Q. Collaborative learning in higher nursing education: A systematic review. Journal of Professional Nursing. 2018 Sep 1;34(5):378-88.
- [3] Paola F, Sergio R, Daniela M, Alberto B, Annalisa B, Francesca M, Loris B, Annarita V, Danilo AF. The efficacy of interprofessional simulation in improving collaborative attitude between nursing students and residents in medicine. A study protocol for a randomised controlled trial. Acta Bio Medica: Atenei Parmensis. 2018;89(Suppl 7):32.
- [4] Schot E, Tummers L, Noordegraaf M. Working on working together. A systematic review on how healthcare professionals contribute to interprofessional collaboration. Journal of interprofessional care. 2020 May 3;34(3):332-42.
- [5] Karam M, Brault I, Van Durme T, Macq J. Comparing interprofessional and interorganizational collaboration in healthcare: A systematic review of the qualitative research. International journal of nursing studies. 2018 Mar 1;79:70-83.
- [6] HR G, Aithal PS. How to Choose an Appropriate Research Data Collection Method and Method Choice among Various Research Data Collection Methods and Method Choices During Ph. D. Program in India?. International Journal of Management, Technology, and Social Sciences (IJMTS). 2022 Nov 4;7(2):455-89.
- [7] Kyngäs H. Inductive content analysis. InThe application of content analysis in nursing science research 2020 (pp. 13-21). Springer, Cham.
- [8] Carter S, Andersen C, Stagg A, Gaunt L. An exploratory study: Using adapted interactive research design and contributive research method. The Journal of Academic Librarianship. 2022 Oct 11:102620.

- [9] Davidson E, Edwards R, Jamieson L, Weller S. Big data, qualitative style: a breadth-anddepth method for working with large amounts of secondary qualitative data. Quality & quantity. 2019 Jan;53(1):363-76.
- [10] Sturmberg JP, Bircher J. Better and fulfilling healthcare at lower costs: the need to manage health systems as complex adaptive systems. F1000Research. 2019;8.
- [11] Adams EK, Markowitz S. Improving efficiency in the health-care system: Removing anticompetitive barriers for advanced practice registered nurses and physician assistants. Policy Proposal. 2018;8:9-13.
- [12] Quek SJ, Thomson L, Houghton R, Bramley L, Davis S, Cooper J. Distributed leadership as a predictor of employee engagement, job satisfaction and turnover intention in UK nursing staff. Journal of Nursing Management. 2021 Sep;29(6):1544-53.
- [13] Nial McKarthy. The Countries With The Highest Density Of Nurses. [Internet] Statista, 2022. Available from: https://www.statista.com/chart/21163/nurses-per-1000inhabitants/
- [14] Havens DS, Gittell JH, Vasey J. Impact of relational coordination on nurse job satisfaction, work engagement and burnout: Achieving the quadruple aim. JONA: The Journal of Nursing Administration. 2018 Mar 1;48(3):132-40.
- [15] Rosen MA, DiazGranados D, Dietz AS, Benishek LE, Thompson D, Pronovost PJ, Weaver SJ. Teamwork in healthcare: Key discoveries enabling safer, high-quality care. American Psychologist. 2018 May;73(4):433. [Internet] Available from: https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6361117/
- [16] Zajac S, Woods A, Tannenbaum S, Salas E, Holladay CL. Overcoming challenges to teamwork in healthcare: a team effectiveness framework and evidence-based guidance. Frontiers in Communication. 2021 Mar 17;6:606445.
- [17] Statista Research Department. Health Care Worldwide. [Internet] Statista. 2022. Available from: https://www.statista.com/outlook/dmo/ecommerce/beauty-healthpersonal-household-care/health-care/worldwide
- [18] Longacre M, Carney KO, Patterson S. Team inclusion and empowerment among nursing staff in long-term care. Geriatric Nursing. 2019 Sep 1;40(5):487-93.
- [19] Taylor A, Lee HR, Kubota A, Riek LD. Coordinating clinical teams: Using robots to empower nurses to stop the line. Proceedings of the ACM on Human-Computer Interaction. 2019 Nov 7;3(CSCW):1-30..