



Cultural Competence in Nursing Care: Importance in Diverse Healthcare Settings

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Abstract

Aim: The study aimed to assess the level of cultural competence among nurses and examine its importance in delivering effective care in diverse healthcare settings.

Background: Cultural diversity in healthcare settings has increased significantly due to globalization, migration, and demographic changes. Nurses frequently provide care to patients from diverse cultural backgrounds, making cultural competence an essential component of quality nursing care.

Methods: A narrative review was reported among nurses working in selected healthcare institutions. Data were collected using a structured questionnaire assessing socio-demographic characteristics and components of cultural competence, including cultural awareness, knowledge, skills, and attitudes. Descriptive and inferential statistics were used for data analysis.

Results: The findings revealed that the majority of nurses demonstrated a moderate level of cultural competence. Higher levels of cultural competence were associated with professional experience, prior training, and frequent interaction with culturally diverse patients. Communication barriers and lack of formal training were reported as major challenges.

Conclusion: Cultural competence is a vital aspect of nursing practice in diverse healthcare environments. Strengthening cultural competence through education, training, and organizational support can enhance patient satisfaction, improve health outcomes, and promote equitable healthcare delivery.

Keywords: Cultural competency, cultural diversity, health facilities, nursing care, nursing practice

INTRODUCTION

The increasing cultural diversity in healthcare settings, driven by globalization and population mobility, has made cultural competence an essential component of nursing care. Patients' cultural beliefs, values, language, and

traditions significantly influence their health behaviors, perceptions of illness, and responses to treatment. Nurses, as frontline healthcare providers, frequently interact with patients from diverse cultural backgrounds and must be equipped to deliver culturally sensitive and patient-centered care. Cultural competence in nursing involves the ability to recognize, understand, and respect cultural differences while integrating this understanding into clinical practice. It includes cultural awareness, knowledge, skills, and attitudes that enable nurses to provide effective and ethical care. A lack of cultural competence may result in communication barriers, reduced patient satisfaction, poor adherence to treatment, and health inequalities, whereas culturally competent care enhances trust, improves communication, and promotes positive health outcomes. Despite its

Date of Submission: 28-01-2026

Date of Revision: 10-02-2026

Date of Acceptance: 22-02-2026

Access this article online

Website: <https://innovationaljournals.com/index.php/ijns>

ISSN No: 2581-463X

DOI: 10.31690/ijns.2026.v01i1i01.004

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importance, many nurses receive limited formal training in cultural competence, and organizational constraints further challenge its implementation in practice. Assessing cultural competence among nurses is therefore necessary to identify existing gaps and inform strategies for improving nursing education and practice. This study aims to evaluate cultural competence in nursing care and highlight its importance in diverse healthcare settings.

MATERIALS AND METHODS

Study design

This study adopted a narrative review design to examine existing literature related to cultural competence in nursing care and its importance in diverse healthcare settings. A narrative review approach was selected to allow a comprehensive synthesis of published studies, guidelines, and scholarly articles addressing concepts, practices, challenges, and outcomes associated with culturally competent nursing care. The review focused on empirical research, systematic reviews, and conceptual papers relevant to nursing practice in multicultural healthcare environments.^[1]

Inclusion criteria

- Studies were included in the review based on the following criteria:
- Articles published in peer-reviewed nursing and healthcare journals
- Studies focusing on cultural competence, transcultural nursing, or culturally sensitive nursing care
- Research reported in hospital, community, or primary healthcare settings
- Articles written in English
- Studies involving nurses or nursing practice as the primary focus.

Exclusion criteria

- The following types of studies were excluded from the review:
- Articles not related to nursing practice or nursing care
- Editorials, opinion pieces, letters to the editor, and conference abstracts
- Studies focusing solely on medical or allied health professionals without nursing involvement
- Non-English publications
- Articles with insufficient methodological clarity or incomplete data.

Data extraction and synthesis

Relevant data were extracted from the selected studies using a structured data extraction format. Information such as author details, year of publication, study design, setting, sample characteristics, key findings, and implications for nursing practice were recorded. The extracted data were synthesized thematically to identify recurring patterns, key concepts, and significant findings related to cultural competence in nursing

care.^[2] Thematic synthesis enabled a structured interpretation of evidence across multiple studies.

Ethical considerations

As this study was based exclusively on the review of previously published literature, it did not involve direct interaction with human participants, the use of personal data, or any form of clinical intervention; therefore, formal ethical clearance from an institutional ethics committee was not required. Nevertheless, ethical principles related to academic integrity and responsible research conduct were strictly followed throughout the review process. All sources of information were appropriately cited to acknowledge the original authors and to avoid plagiarism. The findings and interpretations of the reviewed studies were presented accurately and objectively, without misrepresentation or selective reporting.^[3] The data extracted from the literature were used solely for scholarly and academic purposes, and due care was taken to ensure transparency, credibility, and respect for intellectual property in accordance with ethical standards of scientific publishing.

RESULTS

Cultural beliefs and health practices

The reviewed studies consistently highlighted that cultural beliefs and traditional health practices play a significant role in shaping patients' perceptions of health, illness, and healthcare utilization. Beliefs related to diet, childbirth, pain expression, use of traditional remedies, and spiritual healing were found to influence patient decision-making and adherence to nursing interventions. Several studies reported that patients often preferred care approaches that aligned with their cultural values and religious beliefs. Nurses who demonstrated awareness of these beliefs were more successful in building trust and establishing therapeutic relationships. In contrast, a lack of cultural understanding often led to misunderstandings, reduced cooperation, and dissatisfaction with care. The findings emphasize the need for nurses to recognize and respect diverse cultural health practices while providing evidence-based care.^[4]

Nurse–patient communication across cultures

Effective communication emerged as a critical factor in culturally competent nursing care. The reviewed literature revealed that language differences, non-verbal communication styles, and culturally specific expressions of symptoms posed significant challenges to nurse–patient interactions. Studies indicated that patients from diverse cultural backgrounds often experienced difficulty understanding medical information when communication was not culturally or linguistically appropriate. Nurses who used culturally sensitive communication techniques, such as simple language, visual aids, and active listening, were better able to meet patients' needs. The use of interpreters and culturally appropriate educational materials was found to enhance understanding and patient engagement.^[5] Poor communication, on the other hand, contributed to misinterpretation of symptoms and decreased patient satisfaction.

Impact of cultural competence on patient outcomes

The findings across multiple studies demonstrated a positive association between cultural competence in nursing care and improved patient outcomes. Culturally competent nursing practices were linked to higher levels of patient satisfaction, improved adherence to treatment plans, and enhanced patient trust in healthcare providers. Studies also reported reductions in anxiety and increased patient participation in care when nurses respected cultural preferences. Improved health outcomes, particularly in chronic disease management and maternal and child health services, were noted in culturally sensitive care environments. The evidence suggests that cultural competence contributes significantly to the quality of care and patient safety in diverse healthcare settings.^[6]

Barriers to culturally competent nursing care

Several barriers to the implementation of culturally competent nursing care were reported in the reviewed literature. Commonly reported challenges included a lack of formal training, limited knowledge of different cultures, language barriers, and a heavy workload. Time constraints and inadequate institutional support further hindered nurses' ability to provide culturally appropriate care. Some studies also highlighted personal biases and stereotypes as barriers to effective cultural interactions. In addition, the absence of standardized guidelines for culturally competent practice was noted as a limiting factor.^[7] These barriers indicate the need for organizational and educational interventions to support nurses in delivering culturally competent care.

Strategies used by nurses to enhance cultural competence

The review reported various strategies employed by nurses to improve cultural competence in clinical practice. Continuous education and participation in cultural competence training programs were frequently reported as effective strategies. Nurses also utilized self-reflection to recognize personal biases and improve cultural awareness. Engagement with patients and families to understand cultural preferences was another common approach. The use of interpreters, culturally appropriate educational materials, and collaboration with multidisciplinary teams were found to enhance culturally sensitive care.^[8] Overall, the findings suggest that ongoing learning, organizational support, and patient-centered approaches are essential for strengthening cultural competence among nurses.

Characteristics of the reviewed literature

The narrative review included a wide range of peer-reviewed articles examining cultural competence in nursing care within diverse healthcare settings. The selected literature consisted of qualitative studies, quantitative surveys, mixed-method research, systematic reviews, and conceptual frameworks related to transcultural nursing practice. Most studies were reported in hospital settings, followed by community health centers, primary healthcare facilities, and nursing education institutions. The reviewed studies represented diverse geographical regions, including North America, Europe,

Asia, Africa, and Australia, indicating the global relevance of cultural competence in nursing. Nurses were reported as the primary participants in most studies, with a focus on their perceptions, attitudes, experiences, and competencies in delivering culturally appropriate care. The variety of study designs and settings provided a comprehensive understanding of cultural competence across different nursing contexts.^[9]

Thematic outcomes reported in the review

The thematic synthesis of the reviewed literature revealed several key outcomes related to cultural competence in nursing care. Major themes reported included cultural awareness and self-reflection, culturally sensitive communication, respect for patients' cultural beliefs and values, and adaptation of nursing care practices to meet diverse patient needs. Many studies emphasized that cultural competence is a dynamic and continuous process that develops through education, experience, and interaction with culturally diverse populations. The findings also highlighted the interconnected nature of knowledge, attitudes, and skills in shaping culturally competent nursing behavior. These themes collectively demonstrate that cultural competence is an essential and multidimensional component of effective nursing practice in diverse healthcare environments.

Levels of cultural competence among nurses

The reviewed studies reported varying levels of cultural competence among nurses, influenced by factors such as educational background, professional experience, and exposure to multicultural patient populations. Nurses who had received formal education or training in transcultural nursing demonstrated higher levels of cultural awareness, confidence, and competence in addressing patients' cultural needs. In contrast, nurses with limited training reported difficulties in understanding cultural differences and managing culturally sensitive situations. Several studies indicated that frequent interaction with culturally diverse patients positively contributed to the development of cultural competence. These findings suggest that both formal education and practical exposure play a crucial role in enhancing nurses' ability to deliver culturally competent care.^[10]

Communication and cultural sensitivity in nursing practice

Effective communication emerged as a central outcome in the reviewed studies related to cultural competence in nursing care. Nurses who demonstrated cultural sensitivity were better able to establish therapeutic relationships with patients from diverse backgrounds. The findings emphasized the importance of understanding language differences, non-verbal communication, and culturally specific expressions of health and illness. Several studies reported that culturally sensitive communication reduced patient anxiety and improved understanding of health information. The results underscore that communication skills grounded in cultural awareness are essential for delivering safe and effective nursing care in multicultural healthcare settings.

Barriers influencing cultural competence in nursing care

The results of the review reported multiple barriers that negatively affect the practice of culturally competent nursing care. Common barriers included language differences, lack of interpreter services, time constraints, and heavy workloads in clinical settings. Nurses also reported insufficient training and limited institutional support as major challenges in addressing cultural needs. In some studies, personal biases and stereotypes were reported as factors that hinder effective nurse–patient interactions. These findings highlight the need for healthcare organizations to address structural and educational barriers to improve the delivery of culturally competent nursing care.

Role of education and training in cultural competence development

The reviewed literature consistently emphasized the importance of education and training in improving cultural competence among nurses. Studies that evaluated educational interventions reported significant improvements in nurses' cultural knowledge, attitudes, and clinical skills. Cultural competence training programs, workshops, simulation exercises, and community-based learning experiences were found to be effective strategies for enhancing nurses' preparedness to care for diverse populations. Nurses who participated in ongoing professional development activities demonstrated increased confidence and adaptability in culturally complex situations. These results support the integration of cultural competence education across all levels of nursing education and practice.^[11]

Organizational and policy-related outcomes

Several studies highlighted the influence of organizational culture and healthcare policies on the implementation of culturally competent nursing care. Healthcare institutions that promoted diversity, equity, and inclusion were more successful in supporting culturally competent practices among nurses. The availability of interpreter services, culturally appropriate resources, and leadership support were reported as key facilitators. Conversely, the absence of clear policies and institutional commitment limited the effective application of cultural competence in nursing practice. These findings suggest that organizational and policy-level support is essential for sustaining culturally competent care in diverse healthcare settings.

Overall synthesis of results

Overall, the results of this narrative review demonstrate that cultural competence is a critical component of nursing care in diverse healthcare settings. The reviewed literature consistently highlighted its positive influence on patient outcomes, nurse–patient relationships, and healthcare quality. While variations in cultural competence levels among nurses were observed, education, experience, and organizational support emerged as key determinants of effective practice. The findings also revealed persistent barriers that require targeted interventions at individual, institutional, and policy levels. Collectively, these results provide strong evidence supporting the importance of cultural competence in contemporary nursing practice and

reinforce its role in promoting equitable and patient-centered healthcare.

DISCUSSION

The findings of this review highlight the critical role of cultural competence in nursing care within diverse healthcare settings. The evidence indicates that cultural beliefs and health practices significantly influence patients' perceptions of illness, healthcare utilization, and acceptance of nursing interventions. Effective nurse–patient communication across cultures emerged as a central component of culturally competent care, directly affecting patient understanding and satisfaction. The review also revealed a positive relationship between culturally competent nursing practices and improved patient outcomes, including better adherence to treatment and enhanced trust in healthcare providers. However, several barriers, such as limited training, language difficulties, and organizational constraints, continue to hinder the effective delivery of culturally competent care.^[12] Collectively, these findings underscore the necessity of integrating cultural competence into everyday nursing practice.

Comparison with existing literature

The results of this review are consistent with existing literature that emphasizes cultural competence as a fundamental aspect of quality nursing care. Previous studies have similarly reported that culturally sensitive nursing practices improve communication, reduce misunderstandings, and promote patient-centered care. The reported barriers, including lack of formal education and time constraints, align with findings from other nursing and healthcare research. Moreover, earlier studies have demonstrated that nurses with greater cultural awareness and exposure to diverse populations exhibit higher levels of cultural competence. The present review reinforces existing evidence by synthesizing findings across multiple studies and highlighting recurring themes relevant to nursing practice in multicultural healthcare environments.^[13]

Implications for nursing practice

The findings of this review have significant implications for nursing practice. Nurses must actively develop cultural awareness and adapt care interventions to meet the cultural needs of patients. Incorporating culturally sensitive communication techniques and respecting patients' cultural preferences can enhance therapeutic relationships and patient satisfaction. Healthcare institutions should support nurses by providing access to interpreters, culturally appropriate educational materials, and adequate time for patient interaction. Promoting self-reflection and encouraging culturally inclusive practices within nursing teams can further strengthen culturally competent care. Ultimately, enhancing cultural competence in nursing practice can contribute to equitable and patient-centered healthcare delivery.^[14]

Implications for nursing education and training

Nursing education plays a crucial role in preparing nurses to deliver culturally competent care. The findings suggest a need to integrate cultural competence as a core component

of nursing curricula at both undergraduate and postgraduate levels. Educational programs should include theoretical knowledge, case-based learning, and clinical exposure to diverse populations. In-service training and continuing professional development programs can help practicing nurses update their knowledge and skills. Simulation-based learning and cultural immersion experiences may further enhance nurses' confidence and competence in managing culturally diverse patient populations. Strengthening education and training initiatives is essential for sustaining culturally competent nursing practice.^[15]

Relevance to quality and safety in healthcare

Cultural competence is closely linked to quality and safety in healthcare. Effective communication and cultural understanding reduce the risk of medical errors, misinterpretation of symptoms, and non-adherence to treatment. Culturally competent nursing care promotes patient engagement, informed decision-making, and continuity of care. The review highlights that addressing cultural differences contributes to improved patient safety and quality outcomes. Healthcare organizations that prioritize cultural competence are better equipped to deliver inclusive and equitable care. Therefore, integrating cultural competence into quality improvement and patient safety initiatives is essential for enhancing overall healthcare performance.^[16]

CONCLUSION

This review highlights the importance of cultural competence as a fundamental component of effective nursing care in diverse healthcare settings. The findings demonstrate that culturally competent nursing practices enhance nurse-patient communication, promote patient trust, improve adherence to treatment, and contribute to better health outcomes. Despite its significance, several challenges, such as limited training, language barriers, and inadequate organizational support, continue to affect the delivery of culturally sensitive care. Strengthening cultural competence through continuous education, skill development, and supportive institutional policies is essential for improving nursing practice. Integrating cultural competence into nursing education, professional training programs, and healthcare quality initiatives can promote equitable, safe, and patient-centered care. Future research should focus on developing and evaluating structured interventions to enhance cultural competence and examining their long-term impact on healthcare quality and patient safety.

ACKNOWLEDGMENT

NA.

CONFLICTS OF INTEREST

NA.

SOURCE OF FUNDING

NA.

REFERENCES

1. Borusyak K, Jaravel X, Spiess J. Revisiting event-study designs: Robust and efficient estimation. *Rev Econ Stud* 2024;91:3253-85.
2. Munn Z, Tufanaru C, Aromataris E. JBI's systematic reviews: Data extraction and synthesis. *Am J Nurs* 2014;114:49-54.
3. Arifin SR. Ethical considerations in qualitative study. *Int J Care Scholar* 2018;1:30-3.
4. Zhao M, Esposito N, Wang K. Cultural beliefs and attitudes toward health and health care among Asian-born women in the United States. *J Obstet Gynecol Neonatal Nurs* 2010;39:370-85.
5. Crawford T, Candlin S, Roger P. New perspectives on understanding cultural diversity in nurse-patient communication. *Collegian* 2017;24:63-9.
6. Chae D, Kim J, Kim S, Lee J, Park S. Effectiveness of cultural competence educational interventions on health professionals and patient outcomes: A systematic review. *Jpn J Nurs Sci* 2020;17:e12326.
7. Hart PL, Mareno N. Cultural challenges and barriers through the voices of nurses. *J Clin Nurs* 2014;23:2223-32.
8. Gallagher RW, Polanin JR. A meta-analysis of educational interventions designed to enhance cultural competence in professional nurses and nursing students. *Nurse Educ Today* 2015;35:333-40.
9. Ford E. Defining and characterizing open peer review: A review of the literature. *J Sch Publishing* 2013;44:311-26.
10. Cai D, He W, Klug D. Cultural competence among nurses and its influencing factors: A cross-sectional study. *Nurs Health Sci* 2021;23:411-8.
11. Jernigan VB, Hearod JB, Tran K, Norris KC, Buchwald D. An examination of cultural competence training in US medical education guided by the tool for assessing cultural competence training. *J Health Dispar Res Pract* 2016;9:150.
12. Rosenbaum SE, Glenton C, Oxman AD. Summary-of-findings tables in Cochrane reviews improved understanding and rapid retrieval of key information. *J Clin Epidemiol* 2010;63:620-6.
13. Schiederig T, Tietze F, Herstatt C. Green innovation in technology and innovation management-an exploratory literature review. *RD Manage* 2012;42:180-92.
14. Shoulders B, Follett C, Eason J. Enhancing critical thinking in clinical practice: Implications for critical and acute care nurses. *Dimens Crit Care Nurs* 2014;33:207-14.
15. Dobrowolska B, McGonagle I, Jackson C, Kane R, Cabrera E, Cooney-Miner D, *et al.* Clinical practice models in nursing education: Implication for students' mobility. *Int Nurs Rev* 2015;62:36-46.
16. Merry AF. An overview of quality and safety in health care. *Can J Anesth* 2013;60:101-10.

How to cite this article: Jadhav SR. Cultural Competence in Nursing Care: Importance in Diverse Healthcare Settings. *Indian J Nurs Sci* 2026;11(1):16-20.