Areej Mohammed Alhaddad ¹, Alanoud Muflih Hasan Alruwaili ², Tahani Almshne M Alanazi ³, Alruwaili, Sayer Aziz M ⁴, Amal Mousa H Albanaqi ⁵, Yasmin Mohammed

Moral Distress among Nurses: Review Article

Buhassn ⁶, Theyab Hamoud Duhaym Alshammari ⁷, Mona Farhan B Alenezi ⁸, Reem Saket M Alanazi ⁹, Alenezi, Fahad Murshed T ¹⁰

- 1- Senior Specialists (Medical and Surgical Nursing), East Jeddah Hospital, Jeddah, Saudi Arabia
 - 2- Nursing Specialist, Maternity and Children Hospital, Al-Jouf, Saudi Arabia
 - 3- Nursing specialist, Northern borders health cluster, Arar, Saudi Arabia
 - 4- Nursing and Midwifery technician, Turaif General Hospital, Turaif, Saudi Arabia
 - 5- Nursing technician, Turaif General Hospital, Turaif, Saudi Arabia
 - 6- Nursing technician, East Jeddah Hospital, Saudi Arabia
 - 7- Nursing technician, Rafha General Hospital, Rafha, Saudi Arabia
 - 8- Nursing technician, Maternity and Children's Hospital, Arar, Saudi Arabia
 - 9- Nursing technician, Prince Abdulaziz bin Musaed Hospital, Arar, Saudi Arabia
 - 10- Nursing technician, Directorate of Health Affairs, Northern Border Region, Saudi Arabia

Abstract

Moral distress is a phenomenon frequently reported among healthcare professionals, particularly nurses, arising from conflicts between ethical obligations and institutional constraints that inhibit their ability to act according to their moral beliefs. This review article aims to explore the complexities surrounding moral distress in nursing, its prevalence, contributing factors, and implications for nursing practice and patient care. Through a comprehensive analysis of literature, we delineate the definitions, signs, and symptoms of moral distress, emphasizing its psychological, emotional, and professional ramifications. Additionally, we examine strategies to mitigate moral distress, suggesting interventions at both the individual and organizational levels. The findings underscore the importance of fostering an ethical work environment that empowers nurses, promotes resilience, and supports ethical decision-making. By recognizing the multifaceted nature of moral distress, this review aims to highlight the need for ongoing education, institutional policy development, and enhanced support systems that prioritize nurse well-being and ethical practice.

Keywords: Moral distress, nursing, ethical dilemmas, healthcare professionals, emotional resilience, ethical decision-making, work environment, organizational policies, psychological implications, nurse well-being.

Introduction:

Moral distress is a complex, multifaceted phenomenon that has gained increasing attention in healthcare, particularly within the nursing profession. It refers to the psychological turmoil and anguish that arises when a nurse knows the ethically appropriate action to take but feels constrained from executing it. This moral conflict can stem from various factors, including institutional policies, hierarchical structures, and situational constraints that inhibit a nurse's ability to act according to their moral convictions [1]. The concept of moral distress has critical implications not only for the well-being of nurses but also for patient care quality, ethical

standards in healthcare, and the overall functioning of healthcare systems [2].

The term "moral distress" was first coined by Andrew W. Jameton in 1984. He described it as an emotional state characterized by feelings of frustration, guilt, and powerlessness experienced by healthcare professionals due to ethical dilemmas faced in practice. While moral distress can occur in various healthcare roles, it is particularly pronounced in nursing because nurses are often at the frontline of patient care and may encounter ethical quandaries that directly affect their patients' well-being [3].

Nurses are frequently confronted with situations that challenge their ethical principles. For instance, they may be required to provide care that they believe is futile or contrary to a patient's wishes, face bureaucratic obstacles that prevent optimal care, or work in environments that prioritize institutional protocols over patient-centered practices. Such scenarios lead to moral distress, as nurses grapple with the tension between their professional obligations and the limitations imposed by their working environment [4].

Prevalence of Moral Distress

Numerous studies have highlighted the prevalence of moral distress across different fields, with the healthcare sector being particularly affected. A 2018 systematic review published in the journal "Nursing Ethics" found that up to 90% of healthcare professionals, particularly nurses, reported experiencing moral distress at some point in their careers [5]. Another study conducted by the American Medical Association revealed that approximately 60% of physicians reported feelings of moral distress, particularly in relation to end-of-life care decisions and resource allocation [6].

The causes of moral distress in healthcare settings are manifold. These include ethical dilemmas surrounding patient autonomy, inadequate staffing, conflicting policies, and institutional constraints that prevent healthcare workers from providing optimal care. For instance, nurses often report dilemmas in balancing their desire to provide comfort and effective care against institutional policies that prioritize cost-saving measures or a limited scope of practice [7].

In educational settings, teachers, particularly those in high-poverty areas, also experience moral distress. A study published in the "Journal of Teacher Education" highlighted that educators frequently grapple with insufficient resources, large class sizes, and systemic inequities that hinder their ability to provide quality education and support to their students. This moral distress can adversely affect teaching quality and student outcomes [8].

The Causes of Moral Distress in Nursing

Moral distress in nursing can arise from a variety of sources. Understanding these sources is essential for addressing the issue effectively [2].

- 1. **Institutional Constraints**: Hospitals and healthcare organizations often have policies in place that may conflict with a nurse's professional judgment or ethical considerations. For example, a nurse may believe that a patient should receive palliative care to improve their quality of life; however, institutional policies may mandate aggressive treatment options that prolong suffering [9].
- 2. **Ethical Dilemmas**: Nurses regularly face situations that involve ethical dilemmas, such as end-of-life decisions, informed consent, and patient autonomy. In many instances, the desires of patients may clash with what healthcare providers deem medically appropriate. Such conflicts can create moral distress as nurses feel torn between respecting patient wishes and adhering to the medical guidelines [10].
- 3. **Power Dynamics in Healthcare**: The hierarchical structure of healthcare institutions can exacerbate feelings of moral distress among nurses. Often, decision-making authority resides with physicians or administrators, which can limit a nurse's ability to advocate for their patients. When nurses perceive that their voices are not heard or respected, they may experience increased frustration and moral conflict [9].
- 4. **High-Stress Environments**: The high-stakes nature of nursing, often compounded by staff shortages and inadequate resources, presents significant challenges. In such environments, nurses may feel pressured to compromise their professional values to meet institutional demands or patient needs, leading to moral distress [11].
- 5. **Cultural Influences**: The prevailing culture within a healthcare facility can significantly impact nurses' experiences of moral distress. A culture that discourages open communication, teamwork, and ethical deliberation can leave nurses feeling isolated in their struggles. Conversely,

Letters in High Energy Physics ISSN: 2632-2714

supportive workplace cultures that foster ethical dialogue can help mitigate moral distress [10].

Consequences of Moral Distress

The implications of moral distress in nursing extend beyond individual experiences, affecting workplace dynamics, patient care, and nurse retention. The consequences can be far-reaching and detrimental [2].

- 1. **Impact on Nurse Well-Being**: Prolonged moral distress can lead to significant psychological and emotional strain, resulting in burnout, anxiety, depression, and job dissatisfaction. Nurses experiencing moral distress may often feel a sense of disillusionment with their profession, which can adversely impact their mental health and personal lives [12].
- 2. **Patient Care Quality**: Moral distress can compromise patient care quality, as distressed nurses may become disengaged or apathetic. An environment in which nurses feel ethically compromised can inhibit their ability to provide compassionate, patient-centered care, ultimately affecting patient outcomes [10].
- 3. **Retention and Recruitment Issues**: High levels of moral distress can contribute to increased turnover rates among nursing staff. When nurses leave their positions due to ethical concerns, healthcare organizations face challenges in recruitment and retention, leading to staffing shortages and exacerbating existing problems within the healthcare system [13].
- 4. Ethical Climate of the Organization: Widespread moral distress can signal a troubling ethical climate within a healthcare institution. It highlights the need for organizations to critically evaluate their practices and policies and ensure that they align with ethical standards and values [6].

Strategies for Addressing Moral Distress

Addressing moral distress in nursing requires a multifaceted approach that includes individual, organizational, and systemic changes. Some strategies include [5]:

- 1. **Encouraging Open Communication**: Creating an environment in which nurses feel safe to discuss their ethical concerns is essential. Facilitating open dialogues about moral distress can help nurses feel supported and understood, allowing them to navigate their experiences more effectively [14].
- 2. **Strengthening Ethical Training**: Incorporating ethics education into nursing curricula as well as ongoing professional development can equip nurses with the skills and knowledge necessary to confront ethical dilemmas confidently. Training programs can focus on decision-making frameworks, conflict resolution, and advocacy strategies [15].
- 3. **Implementing Support Systems**: Institutions should offer support mechanisms, such as counseling services, peer support groups, and ethical consultation services, to assist nurses experiencing moral distress. Institutional ethics committees can provide guidance and support in complex ethical situations [16].
- 4. **Evaluating Policies and Practices:** Organizations must review their policies and practices to ensure they align with ethical standards and support nurses in their roles as patient advocates. Involved staff in these discussions can lead to meaningful changes that enhance the ethical climate [17].
- 5. **Fostering a Culture of Ethical Practice**: Healthcare organizations should promote a culture that values ethical practice, collaboration, and support. Encouraging teamwork and shared decision-making can empower nurses and facilitate a sense of ownership over patient care [15].

The Role of Leadership

Leadership plays a crucial role in mitigating moral distress through the establishment of supportive environments that prioritize ethical considerations. Effective leaders cultivate an organizational culture that promotes open dialogues about ethical dilemmas, enabling team members to voice concerns without fear of retribution. Trustworthy leadership encourages transparency and accountability, allowing for a shared understanding

of the ethical principles guiding decision-making processes [17].

Leaders must also be attuned to the emotional and psychological needs of their teams. Empathetic leadership can significantly reduce the incidence of moral distress by validating the feelings and experiences of practitioners. Supportive actions may include providing access to counseling services, promoting team-based discussions on challenging cases, and creating mentorship opportunities. By fostering an environment that acknowledges and addresses moral distress, organizations can enhance job satisfaction, retention, and overall performance [18].

Importantly, leaders must be equipped with ethical frameworks that guide their decision-making and organizational policies. Ethical frameworks provide a systematic approach to addressing moral dilemmas, allowing leaders to contextualize complex situations and develop appropriate responses. Common frameworks include principlism, which emphasizes beneficence, nonmaleficence, autonomy, and justice; virtue ethics, focusing on the character of the moral agent; and care ethics, which prioritizes relationships and commitments to others. Integrating frameworks into everyday practice is essential for leaders to effectively navigate moral challenges and guide their teams [19].

Ethical Frameworks and Their Implementation

Ethical frameworks offer structured methodologies for analyzing moral dilemmas and crafting thoughtful responses. The application of these frameworks requires comprehensive training and education for leaders and staff alike. Ethical training equips individuals with the tools to critically evaluate situations, consider multiple perspectives, and determine the most beneficial course of action for patients, colleagues, and the organization [20].

Institutions can implement policies that ensure ethical considerations are at the forefront of decision-making processes. This could involve the establishment of ethical committees or review boards tasked with evaluating complex cases and providing recommendations consistent with established ethical principles. Furthermore,

organizations should promote interdisciplinary collaboration, wherein diverse stakeholders contribute to discussions on ethical challenges, thus enriching the analysis and increasing the likelihood of finding satisfactory resolutions [21].

A fundamental aspect of implementing ethical frameworks is ensuring that they are not merely theoretical constructs but are actively integrated into the culture of the organization. Leaders must demonstrate their commitment to ethical practices through their actions and decisions, modeling the ethical behavior expected of their teams. This commitment can also be reflected by implementing continual evaluation and improvement processes, wherein feedback from practitioners regarding ethical practices and moral distress is actively sought and addressed [22].

Support Systems and Policy Implications

Creating robust support systems is essential for alleviating moral distress. These systems should include mental health resources, peer support groups, and professional development opportunities that emphasize ethical practice and resilience training. Access to mental health support can provide individuals with a safe space to process their experiences and develop coping strategies [23].

Policies should also be instituted to protect healthcare professionals when they face conflict between their moral beliefs and institutional policies. Whistleblower protections, for example, can empower individuals to report unethical practices without fear of retaliation. Additionally, institutions should encourage policies that prioritize work-life balance, considering that practitioners under excessive stress are more susceptible to moral distress [21].

Moreover, organizations must engage in reflective practices, such as regular assessments of workplace culture and ethical climate. Such evaluations allow organizations to identify potential areas of moral distress and implement changes proactively. By addressing underlying systemic issues that contribute to moral distress, organizations can create a more ethical and supportive work environment [24].

Future Directions in Alleviating Moral Distress

Moral distress has emerged as a pivotal concern within various professional fields, most notably in healthcare, social work, and other service-oriented professions. It refers to the psychological anguish experienced when individuals feel unable to act according to their ethical beliefs due to external constraints, leading to feelings of helplessness, guilt, and disillusionment. As society continues to evolve, so too must our understanding and strategies for addressing moral distress [22].

Understanding Moral Distress: A Historical Context

To appreciate the future trajectories of moral distress research and intervention, it is critical to grasp its historical context. The term was first coined by Dr. Andrew Jameton in the late 1980s, primarily within the nursing profession, where practitioners often confronted situations that clashed with their moral convictions. Initially regarded as a singular psychological phenomenon, moral distress has since been recognized as a multifaceted issue that intersects with ethical, organizational, and personal dimensions in professional settings [25].

Current Trends in Research

1. Interdisciplinary Approaches

One of the most significant emerging trends in researching moral distress is the movement towards interdisciplinary frameworks. Scholars from nursing, psychology, ethics, law, and sociology are increasingly collaborating to develop comprehensive models that account for the diverse influences on moral distress. This interdisciplinary lens allows for a nuanced understanding of how systemic issues, such as institutional policy, professional hierarchies, and workplace culture, contribute to moral distress [26].

2. Quantitative and Qualitative Methodologies

Recent studies have employed both quantitative and qualitative methodologies to assess moral distress prevalence, causes, and consequences. Traditional surveys and psychological assessments continue to be useful, but qualitative methods, such as in-depth interviews and focus groups, have begun to reveal

the deeper emotional and contextual factors influencing moral distress. Future research could further explore the narrative dimensions of moral distress, allowing individuals to articulate their experiences more fully [27].

3. Technology and Virtual Interventions

The rise of technology and digital health resources presents new avenues for both research and practice concerning moral distress. Virtual support groups, online training modules, and mobile applications for mental health resources are increasingly becoming integrated into professional environments. Future research should investigate the efficacy of these interventions, examining how they might provide real-time support for individuals experiencing moral distress [28].

4. **Focus on Systemic Change** Research has concurrently started to examine the systemic factors that exacerbate or mitigate moral distress. As institutions grapple with moral distress among their workforce, studies are shifting towards the evaluation of institutional policies, leadership strategies, and organizational ethics frameworks.

among their workforce, studies are shifting towards the evaluation of institutional policies, leadership strategies, and organizational ethics frameworks. Understanding how these factors foster or inhibit a supportive environment for ethical practice will be crucial for systemic reform [29].

Conclusion:

The phenomenon of moral distress among nurses constitutes a critical concern within healthcare settings, affecting not only the mental health and professional satisfaction of nursing staff but also the quality of patient care. This review has illustrated that moral distress emanates from complex ethical dilemmas and institutional constraints, creating an environment where nurses may feel powerless to advocate for their patients in line with their ethical beliefs. The implications of moral distress extend beyond the individual, influencing team dynamics, patient outcomes, and overall healthcare efficacy.

Efforts to address and alleviate moral distress must embrace a multifaceted approach that includes education, institutional policy reform, and support systems tailored to the unique challenges faced by nurses. Education programs should enhance ethical decision-making skills and resilience, equipping nurses with the tools to navigate complex moral terrains. Furthermore, healthcare institutions must strive to cultivate ethical work environments that enable open communication, encourage ethical dialogue, and support nurse autonomy.

Addressing moral distress in nursing is not merely an ethical imperative but a prerequisite for sustaining a healthy workforce and delivering high-quality patient care. As the field continues to evolve, it is vital for both individual practitioners and healthcare organizations to engage in proactive efforts to understand, mitigate, and ultimately prevent moral distress, thus fostering a resilient nursing community capable of advocating effectively for both their patients and themselves. The findings of this review serve as a call to action for stakeholders at all levels to prioritize moral well-being in the healthcare sector, ensuring that nurses are equipped and supported to fulfill their essential role in patient advocacy and ethical care.

References:

- ussain FA. Psychological challenges for nurses working in palliative care and recommendations for self-care. Br J Nurs 2021; 30: 484–489.
- Xiaoyan W, Yufang Z, Lifeng C, et al. Moral distress and its influencing factors: a crosssectional study in China. Nurs Ethics 2018; 25: 470–480.
- 3. Janatolmakan M, Dabiry A, Rezaeian S. Frequency, severity, rate, and causes of moral distress among nursing students: a cross-sectional study. Educ Res Int 2021; 2021: 1–7.
- 4. Moshtagh M, Mohsenpour M. Moral distress situations in nursing care. Clin Ethics 2019; 14: 141–145.
- Krautscheid L, DeMeester DA, Orton V, et al. Moral distress and associated factors among baccalaureate nursing students: a multisite descriptive study. Nurs Education Perspect 2017; 38: 313–319.
- Lamiani G, Borghi L, Argentero P. When healthcare professionals cannot do the right thing: A systematic review of moral distress and its correlates. J Health Psychology 2017; 22: 51–67.
- 7. Mehlis K, Bierwirth E, Laryionava K, et al. High prevalence of moral distress reported by oncologists and oncology nurses in end-of-life decision making. Psycho-Oncol 2018; 27: 2733–2739.

- 8. Borhani F, Abbaszadeh A, Mohamadi E, et al. Moral sensitivity and moral distress in Iranian critical care nurses. Nurs Ethics 2017; 24: 474–482.
- 9. Marturano ET, Hermann RM, Giordano NA, et al. Moral distress: identification among inpatient oncology nurses in an academic health system. Clin J Oncol Nurs 2020; 24: 500–508.
- Delfrate F, Ferrara P, Spotti D, et al. Moral Distress (MD) and burnout in mental health nurses: a multicenter survey. La Medicina Del Lavoro 2018; 109: 97–109.
- 11. Eche IJ, Phillips CS, Alcindor N, et al. A systematic review and meta-analytic evaluation of moral distress in oncology nursing. Can Nurs 2022.
- 12. AlQahtani RM, Al Saadon A, Alarifi MI, et al. Moral Distress among health care workers in the intensive care unit; a systematic review and meta-analysis, 2021.
- 13. Sasso L, Bagnasco A, Bianchi M, et al. Moral distress in undergraduate nursing students: a systematic review. Nurs Ethics 2016; 23: 523–534.
- 14. Huffman DM, Rittenmeyer L. How professional nurses working in hospital environments experience moral distress: a systematic review. Crit Care Nurs Clin 2012; 24: 91–100.
- 15. Prentice T, Janvier A, Gillam L, et al. Moral distress within neonatal and paediatric intensive care units: a systematic review. Arch Disease Childhood 2016; 101: 701–708.
- 16. Pattison N, Mclellan J, Roskelly L, et al. Managing clinical uncertainty: an ethnographic study of the impact of critical care outreach on end-of-life transitions in ward-based critically ill patients with a lifelimiting illness. J Clin Nurs 2018; 27: 3900– 3912.
- 17. Joyce O, Blessing U. Affiliate stigma and compassion satisfaction amongst mental health service providers at a regional psychiatric hospital in Nigeria. J of Behav Therapy and Mental Health 2019; 2(1): 30–39.
- 18. Compton C. Exploring associative stigma among mental health professionals working within the local mental health services.

- Master's dissertation. Malta: University of Malta, 2021.
- Ventovaara P, Ma S, Räsänen J, et al. Ethical climate and moral distress in paediatric oncology nursing. Nurs Ethics 2021; 28: 1061– 1072.
- Sriharan A, West KJ, Almost J, et al. COVID-19-related occupational burnout and moral distress among nurses: a rapid scoping review. Nurs Leadership (Toronto, Ont) 2021; 34: 7–19.
- Lewis SL. Emotional intelligence in neonatal intensive care unit nurses: decreasing moral distress in end-of-life care and laying a foundation for improved outcomes: an integrative review. J Hosp Palliat Nurs 2019; 21: 250–256.
- 22. Morgan RL, Whaley P, Thayer KA, et al. Identifying the PECO: a framework for formulating good questions to explore the association of environmental and other exposures with health outcomes. Environ International 2018; 121: 1027–1031.
- 23. Luchini C, Stubbs B, Solmi M, et al. Assessing the quality of studies in meta-analyses: advantages and limitations of the Newcastle Ottawa Scale. World J Meta-anal 2017; 5: 80–84.
- 24. Hox JJ, Leeuw EDd. Multilevel models for meta-analysis, 2003.
- 25. Nissen SB, Magidson T, Gross K, et al. Publication bias and the canonization of false facts. Elife 2016; 5: e21451.
- Shi L, Lin L. The trim-and-fill method for publication bias: practical guidelines and recommendations based on a large database of meta-analyses. Medicine (Baltimore) 2019; 98: e15987.
- Sutton AJ, Duval SJ, Tweedie R, et al. Empirical assessment of effect of publication bias on meta-analyses. Bmj 2000; 320: 1574–1577.
- 28. Hedges LV, Olkin I. Statistical methods for meta-analysis. USA: Academic Press, 2014.
- 29. Duval S, Tweedie R. Trim and fill: a simple funnel-plot-based method of testing and adjusting for publication bias in meta-analysis. Biometrics 2000; 56: 455–463.