

STRESS AND COPING STRATEGIES IN NURSING STUDENTS

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ABSTRACT

Stress is widely recognized as a significant issue among nursing students due to the demanding nature of nursing education and clinical training. Exposure to academic pressures, patient care responsibilities, and clinical environments often affects students' psychological well-being. Coping strategies play a crucial role in helping students manage stress and maintain academic and professional competence.

Aim:

This review aimed to identify the level and sources of stress among nursing students and to explore the coping strategies adopted during nursing education and clinical practice.

Keywords: Stress, Coping Strategies, Nursing Students, Clinical Practice, Nursing Education

INTRODUCTION

Nursing education is a challenging and demanding process that requires students to acquire theoretical knowledge, clinical competencies, communication skills, and professional values simultaneously. Throughout their academic journey, nursing students encounter numerous stressors that may negatively affect their physical health, mental well-being, and academic performance. Clinical placements expose students to unfamiliar environments, critically ill patients, ethical dilemmas, and complex healthcare situations.

Stress is defined as a physical and psychological response to demands that exceed an individual's ability to cope. Excessive stress can lead to anxiety, depression, burnout, reduced learning capacity, poor clinical performance, and decreased quality of patient care. Therefore, understanding the sources of stress and the coping mechanisms used by nursing students is essential for educators and administrators. This review synthesizes available evidence regarding stress levels, stressors, and coping strategies among nursing students.

OBJECTIVES OF THE REVIEW

1. To identify the level of stress experienced by nursing students during academic and clinical training.
2. To determine the major sources of stress among nursing students.
3. To explore the coping strategies adopted by nursing students.
4. To examine the implications of stress on nursing education and practice.
5. To provide recommendations for reducing stress and enhancing coping skills among nursing students.

METHODS

A systematic review approach was adopted to identify relevant studies examining stress and coping strategies among nursing students. Literature searches were conducted using electronic databases including CINAHL, MEDLINE, PubMed, and PsycINFO. Articles published between 2000 and 2015 in English language were considered.

Inclusion criteria included studies focusing on nursing students, stress levels, stressors, coping mechanisms, and clinical practice experiences. Studies involving practicing nurses or healthcare professionals other than nursing students were excluded. Data extracted from selected studies included study design, sample size, stress levels, identified stressors, and coping strategies. The findings were synthesized and categorized into major themes.

REVIEW OF LITERATURE

Several studies have demonstrated that nursing students experience moderate to high levels of stress throughout their educational programs. Academic-related stressors include examinations, assignments, heavy workloads, lack of time for leisure activities, and fear of academic failure. Clinical-related stressors include fear of making mistakes, caring for critically ill patients, exposure to suffering and death, and communication difficulties with patients and healthcare professionals.

Studies have reported that first-year students often experience stress due to adjustment issues, whereas senior students encounter stress associated with increased clinical responsibilities and

professional expectations. Interpersonal conflicts with peers, instructors, and clinical staff further contribute to stress.

Research findings indicate that nursing students utilize a variety of coping strategies. Problem-focused coping methods such as planning, seeking information, and time management are frequently used. Emotion-focused coping strategies include relaxation techniques, positive thinking, spirituality, social support, and recreational activities. Effective coping strategies have been associated with better psychological health, improved academic achievement, and enhanced clinical competence.

IMPLICATIONS OF NURSING PRACTICE

Understanding stress and coping among nursing students has significant implications for nursing practice. Educational institutions should provide supportive learning environments that encourage student engagement and psychological well-being. Clinical instructors should offer constructive feedback, mentorship, and emotional support during clinical postings.

Stress management workshops, counseling services, peer support groups, and resilience-building programs can help students develop adaptive coping strategies. By addressing stress early, nursing educators can improve students' confidence, competence, and preparedness for professional practice.

IMPLICATIONS

The findings of this review emphasize the need for integrating stress management education into nursing curricula. Academic institutions should routinely assess students' stress levels and implement intervention programs when necessary. Policies promoting mental health awareness and student support services should be strengthened.

Furthermore, collaboration between academic faculty and clinical staff is necessary to create positive clinical learning experiences. Improved support systems may contribute to reduced attrition rates and better educational outcomes.

FUTURE DIRECTIONS

Future studies should focus on evaluating the effectiveness of specific stress reduction interventions such as mindfulness training, resilience programs, mentorship initiatives, and cognitive behavioral strategies. Longitudinal research is needed to understand how stress and coping evolve throughout nursing education.

Researchers should also investigate cultural influences on stress perception and coping mechanisms. Comparative studies involving students from different educational settings and countries may provide broader insights into effective strategies for stress management.

CONCLUSION

Nursing students experience moderate to high levels of stress due to academic, clinical, and interpersonal challenges encountered during their educational preparation. The major stressors identified include patient care responsibilities, examinations, workload, fear of making mistakes, and interactions with healthcare professionals. Students commonly adopt coping strategies such as problem-solving, seeking social support, positive thinking, and spiritual practices.

Effective coping strategies are essential for maintaining psychological well-being and academic success. Nurse educators should develop and implement evidence-based interventions that reduce stress, enhance resilience, and strengthen coping skills among nursing students. Such measures can contribute to improved learning outcomes, professional competence, and quality patient care.

REFERENCES

1. Labrague LJ. Stress, Stressors, and Stress Responses of Student Nurses in a Government Nursing School.
2. Gibbons C. Stress, Coping and Burnout in Nursing Students. *International Journal of Nursing Studies*.
3. Pulido-Martos M, Augusto-Landa JM, Lopez-Zafra E. Sources of Stress in Nursing Students.
4. Sheu S, Lin HS, Hwang SL. Perceived Stress and Coping Behaviors of Nursing Students During Clinical Practice.
5. Jimenez C, Navia-Osorio PM, Diaz CV. Stress and Health in Novice and Experienced Nursing Students.
6. Chan CKL, So WKW, Fong DYT. Hong Kong Baccalaureate Nursing Students' Stress and Their Coping Strategies.
7. Shaban IA, Khater WA, Akhu-Zaheya LM. Undergraduate Nursing Students' Stress Sources and Coping Behaviours.
8. Timmins F, Kaliszer M. Aspects of Nurse Education Programmes That Frequently Cause Stress to Nursing Students.
9. Beck DL, Srivastava R. Perceived Level and Sources of Stress in Baccalaureate Nursing Students.
10. Prymachuk S, Richards DA. Predicting Stress in Pre-registration Nursing Students.
11. Jones MC, Johnston DW. Distress, Stress and Coping in First-Year Student Nurses.
12. Evans W, Kelly B. Pre-registration Diploma Student Nurse Stress and Coping Measures.
13. Rhead MM. Stress Among Student Nurses: Is It Practical or Academic?
14. Lo R. A Longitudinal Study of Perceived Level of Stress, Coping and Self-esteem of Undergraduate Nursing Students.

15. Watson R, Deary I, Thompson D, Li G. A Study of Stress and Burnout in Nursing Students.
16. Moscaritolo LM. Interventional Strategies to Decrease Nursing Student Anxiety in Clinical Learning Environments.
17. Reeve KL, Shumaker CJ, Yearwood EL, Crowell NA, Riley JB. Perceived Stress and Social Support in Undergraduate Nursing Students.



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