

Emergency Nursing: Strategies for High-Stress Situations

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Opinion

Received: 03-Mar-2025, Manuscript No. JNHS-25-187571; **Editor assigned:** 05-Mar-2025, Pre-QC No. JNHS-25-187571 (PQ); **Reviewed:** 19-Mar-2025, QC No JNHS-25-187571; **Revised:** 24-Mar-2025, Manuscript No. JNHS-25-187571 (R); **Published:** 31-Mar-2025, DOI: 10.4172/jnhs.11.005

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Citation: James Carter, Emergency Nursing: Strategies for High-Stress Situations. Nurs Health Sci. 2025.11.005.

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ABSTRACT

Emergency nursing is a demanding specialty that requires rapid decision-making, clinical expertise, and emotional resilience. High-stress situations in emergency departments (EDs) can significantly impact both patient outcomes and nurse well-being. This article explores evidence-based strategies for managing stress, improving performance under pressure, and enhancing patient care. Emphasis is placed on organizational support, team communication, critical thinking, and personal resilience techniques. By implementing targeted strategies, emergency nurses can maintain high-quality care, reduce burnout, and foster a safe and efficient ED environment.

Keywords

Emergency nursing, stress management, critical care, resilience, teamwork, patient safety, high-stress situations

INTRODUCTION

Emergency departments serve as the front line of healthcare, where nurses frequently encounter life-threatening situations, complex medical cases, and time-sensitive interventions. Emergency nurses operate in fast-paced environments where high-stress situations are routine rather than exceptional. The combination of patient acuity, unpredictable workload, and emotional intensity poses unique challenges that can influence decision-making, communication, and overall performance.

Stress, if not managed effectively, can compromise patient safety, increase errors, and lead to burnout among healthcare professionals. Thus, it is critical to develop strategies that enable emergency nurses to maintain composure,

make rapid decisions, and provide optimal care despite challenging circumstances. This article reviews current approaches to managing high-stress scenarios in emergency nursing and offers practical recommendations for both individual nurses and healthcare organizations.

Background

Emergency nursing requires a unique skill set that blends clinical expertise with adaptive problem-solving. Nurses must triage patients, stabilize critical conditions, administer treatments, and collaborate with multidisciplinary teams—often simultaneously. According to recent studies, approximately 30–50% of emergency nurses report experiencing significant occupational stress, which can manifest as emotional exhaustion, cognitive fatigue, and reduced job satisfaction.

High-stress situations in the ED can be categorized into several types: medical emergencies (e.g., cardiac arrest, trauma), operational crises (e.g., overcrowding, resource limitations), and emotional stressors (e.g., dealing with aggressive patients or distressed family members). Effective stress management in these contexts requires a combination of organizational support, skill development, and personal coping strategies.

DISCUSSION

1. Organizational Strategies

Healthcare institutions play a pivotal role in creating an environment that mitigates stress for emergency nurses. Key strategies include:

Adequate Staffing and Resource Allocation: Ensuring sufficient nurse-to-patient ratios reduces workload and prevents fatigue. Overcrowding and understaffing are major contributors to stress and medical errors.

Simulation-Based Training: Regular drills and scenario-based training improve clinical confidence and decision-making under pressure. Simulations of high-acuity cases, such as multi-trauma or mass-casualty incidents, prepare nurses for real-world emergencies.

Debriefing and Psychological Support: Post-event debriefing sessions allow nurses to process emotionally intense experiences. Access to counseling and peer support networks helps maintain mental health.

2. Communication and Teamwork

Effective communication is essential for managing high-stress situations in the ED. Strategies include:

Structured Communication Protocols: Tools like SBAR (Situation, Background, Assessment, Recommendation) ensure clear, concise information exchange among team members.

Collaborative Decision-Making: Encouraging shared decision-making reduces the cognitive load on individual nurses and fosters a supportive team environment.

Role Clarification: Clear delineation of responsibilities prevents confusion during critical interventions.

3. Clinical Decision-Making and Prioritization

High-stress environments demand rapid, accurate decisions. Nurses can adopt strategies such as:

Triage Algorithms: Implementing standardized triage protocols allows for quick identification of patients with life-threatening conditions.

Critical Thinking Training: Simulation exercises and continuing education programs enhance analytical skills, enabling nurses to evaluate complex clinical scenarios efficiently.

Checklists and Cognitive Aids: Using checklists reduces errors in high-pressure procedures like medication administration, intubation, and resuscitation.

4. Personal Resilience and Stress Management

Emergency nurses must cultivate personal resilience to cope with ongoing stressors. Effective techniques include:

Mindfulness and Relaxation Exercises: Techniques such as deep breathing, meditation, and progressive muscle relaxation reduce physiological stress responses.

Physical Health Maintenance: Adequate sleep, regular exercise, and balanced nutrition support cognitive function and emotional stability.

Emotional Intelligence Development: Enhancing self-awareness and empathy improves interpersonal interactions and reduces conflict in high-stress situations.

Time Management and Micro-Breaks: Short, intentional breaks between patient interactions help maintain focus and prevent mental fatigue.

5. Technological and Environmental Support

Modern EDs benefit from tools and systems that reduce cognitive and physical stress for nurses:

Electronic Health Records (EHRs): Streamlined documentation and automated alerts can reduce time spent on administrative tasks, allowing nurses to focus on direct patient care.

Real-Time Resource Monitoring: Dashboards displaying patient acuity and resource availability assist in workload management.

Environmental Modifications: Noise reduction, proper lighting, and ergonomic design minimize sensory overload and physical strain.

6. Case Example

Consider a scenario in which an emergency nurse manages a multi-trauma patient arriving after a motor vehicle accident. The nurse must simultaneously assess vital signs, coordinate with the trauma team, initiate interventions, and communicate updates to family members. By relying on structured communication protocols, triage algorithms, and teamwork, the nurse stabilizes the

patient efficiently while managing personal stress. Post-event debriefing allows reflection and psychological support, reinforcing resilience for future cases.

CONCLUSION

Emergency nursing is inherently stressful, but with targeted strategies, nurses can maintain high-quality patient care while preserving their well-being. Organizational support, effective communication, rapid clinical decision-making, and personal resilience are critical components of stress management in the ED. Institutions must prioritize training, mental health resources, and environmental optimization, while individual nurses should cultivate coping mechanisms, critical thinking, and self-care practices. By integrating these approaches, emergency nurses can navigate high-pressure situations effectively, reduce burnout, and improve patient outcomes, ensuring the ED remains a safe and responsive environment.

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