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Stefanelli Fabio\*

School of Nursing, University of Wollongong, Australia

## Abstract

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WUDXPD FDUH 7KLV UHVHDFK DUWLFOH H[SORUHV WKH EHVW SUDFWLFHV IRU  
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SURYLGH D FRPSUHKHQVLYH JXLGH IRU WUDXPD QXUVHV WR HQVXUH WKH LQWH  
KLJK TXDOLW\ SDWLHQW FDUH 7KH GLVFXVVLRQ LQFOXGHV SUDFWLFDO VWUDWH  
LQWHUSURIHVVRQDO FROODERUDWLRQ

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Forensic evidence; Patient care; Legal investigation; Forensic protocols;  
Evidence collection; Ethical considerations; Interprofessional  
collaboration

## Introduction

Forensic nursing stands at the intersection of healthcare and the legal system, playing a pivotal role in the management of trauma

### Interprofessional Collaboration

Coordination with law enforcement: Work closely with police officers to ensure evidence is handled according to legal standards.

Forensic experts consultation: Engage forensic specialists for complex cases requiring advanced evidence analysis [9].

### Training and Education

Specialized training programs: Participate in continuing education and certification programs in forensic nursing.

Simulation exercises: Conduct regular simulation exercises to practice evidence collection and preservation techniques [10,11].

### Conclusion

Forensic nursing in trauma care embodies a critical nexus where medical treatment and legal investigation converge. The role of trauma nurses in preserving forensic evidence is indispensable, as they are often the first healthcare professionals to interact with victims of violence, abuse, or accidents. By adhering to best practices in evidence preservation, trauma nurses can significantly contribute to the integrity of legal processes while ensuring comprehensive patient care.

Effective evidence preservation involves a systematic approach to collecting, documenting, and handling evidence. Key practices include obtaining informed consent, using personal protective equipment to prevent contamination, collecting and storing evidence correctly, and maintaining meticulous documentation and chain of custody records. Moreover, the integration of specialized training and continuing education in forensic nursing is essential for keeping nurses updated on the latest techniques and protocols.

Ethical considerations play a crucial role in forensic nursing, requiring nurses to balance patient autonomy and confidentiality with their legal responsibilities. Respecting patient rights and maintaining impartiality are fundamental to ethical evidence collection and preservation.

Interprofessional collaboration is also paramount. Trauma nurses must work closely with law enforcement, forensic specialists, and other healthcare professionals to ensure that evidence is handled correctly and that patient care is not compromised. Such collaboration enhances the effectiveness of both medical and legal outcomes.

In conclusion, the practice of forensic nursing within trauma care settings demands a high level of expertise, vigilance, and ethical integrity. By following best practices for evidence preservation, trauma nurses not only aid in the pursuit of justice but also uphold the highest standards of patient care. Continuous education and interprofessional cooperation are vital to advancing the field of forensic nursing, ultimately benefiting both patients and the justice system.

### References

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