

INTENSIVE CARE NURSING AND INNOVATION IN PATIENT SAFETY PROTOCOLS

ENFERMAGEM INTENSIVA E INOVAÇÃO EM PROTOCOLOS DE SEGURANÇA DO PACIENTE

ENFERMERÍA DE CUIDADOS INTENSIVOS E INNOVACIÓN EN PROTOCOLOS DE SEGURIDAD DEL PACIENTE



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ABSTRACT

The overall objective of this research is to discuss the role of intensive care nursing in relation to critical patient safety protocols. This is a narrative review, in which the articles were found in the Google Scholar repository. Patient safety in ICUs demands rigorous protocols, continuing education, and strategic action from intensive care nursing. Technological and team failures are avoidable with training and systematization of practices.

Keywords: Intensive Care. Nursing. Patient Safety.

RESUMO

O objetivo geral da presente pesquisa é discutir o papel da enfermagem intensiva diante dos protocolos de segurança do paciente crítico. Trata-se de uma revisão narrativa, em que os artigos foram encontrados no repositório Google Scholar. A segurança do paciente em UTIs demanda protocolos rigorosos, educação permanente e atuação estratégica da enfermagem intensiva. falhas tecnológicas e de equipe são evitáveis com capacitação e sistematização de práticas.

Palavras-chave: Terapia Intensiva. Enfermagem. Segurança do Paciente.

RESUMEN

El objetivo general de esta investigación es analizar el papel de la enfermería de cuidados intensivos en relación con los protocolos de seguridad del paciente crítico. Se trata de una revisión narrativa, cuyos artículos se encontraron en el repositorio de Google Académico. La seguridad del paciente en las UCI exige protocolos rigurosos, formación continua y acciones estratégicas por parte de la enfermería de cuidados intensivos. Las fallas tecnológicas y de equipo se pueden evitar mediante la capacitación y la sistematización de las prácticas.

Palabras clave: Cuidados Intensivos. Enfermería. Seguridad del Paciente.

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1 INTRODUCTION

Patient safety in Intensive Care Units is a global challenge, given the complexity of care, the intensive use of biomedical technologies, and the high clinical vulnerability. Adverse events such as equipment failures, medication errors, and device-related complications are recurrent and often preventable. The protocols guide systematized practices, whose success depends on the performance of the nursing team and the incorporation of innovations aimed at the safety culture (Silva; Diaz., 2024). The general objective of the present study is to discuss the role of intensive care nursing in the face of critical patient safety protocols.

2 MATERIALS AND METHODS

This is a narrative review, whose consulted articles were found in the Google Scholar repository. Qualitative and quantitative studies related to the implementation of safety protocols in ICUs and the role of nursing were included.

3 RESULTS AND DISCUSSION

Ribeiro; Silva; Ferreira (2016) found that adverse events associated with technologies result from three macro causes: equipment failure, inappropriate use, and team failure, and recommended, as priority countermeasures under the direct responsibility of intensive care nursing, continuing education, evaluation of equipment production/availability, and systematic use of protocols.

Santos; Takashi (2022) reported that the implementation of a protocol for X-rays in ICUs requires specific qualification and training of nursing and radiology teams to ensure operational safety. In the same paper, the authors documented high nursing adherence to patient identification protocols and safe medication, but highlighted the need to intensify compliance with glycemic control and double checking of potentially dangerous medications.

Silva and Diaz (2024) highlighted the structured shift change, risk management, and continuing education as operational axes to reduce adverse events and strengthen an institutional culture of safety.

4 CONCLUSION

Intensive care nursing occupies a strategic position in the implementation of safety protocols, enhancing the impact of innovations such as validated protocols, systematic audits, and digital decision support systems. The results demonstrate that the increasing adherence to standardized practices, combined with continuous training and strengthening of the institutional culture, contributes to the reduction of adverse events.



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