

Evaluation Of safety Culture in Health Care Organization with Application Of Risk Management Practices

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Introduction:

Hospitals commonly examine patient safety culture and other quality indicators to evaluate and improve performance in relation to quality and safety. In the recent years the concept of safety culture has gained significant attention in health care settings as a critical factors in Improving patient outcomes, enhancing quality of care and reducing medical errors [1, 2]. The importance of strong safety culture cannot be overstated, as the influences how health care professionals perceive, respond to issues of patient safety [3]. Risk management is an essential component of patient safety culture, as it involves the identification, assessment, and management of risks that may affect the safety of patients in healthcare settings [4].

The application of risk management in healthcare helps to reduce the likelihood of adverse events, such as medical errors, and ensures that appropriate measures are in place to address any potential issues that may arise [5,6] . Patient safety culture, which is also called patient safety climate, is an overall behaviour of individuals and organizations, based on common beliefs and value many dimensions used to assess the safety culture and its relationship to patient care have been challenged by variation in definition, dimensionality and methods of assessment by assessing 11 theme, but No single method or tool appeared to measure all 11 themes of safety culture [7].

Therefore, there is a need to explore the relationship between risk management and patient safety culture

n the growing the recognition of safety culture significance understanding the dynamic health care is complex [8].

The main aim of this research to explore and analyse the existing literature on safety culture evaluation by applying effective risk management practices in health care.

The purpose of this Study to examining the relationship between the safety culture and effectiveness of risk management strategies in health care facility. Assessing the impact applying effective risk management on positive safety culture

Literature review:

Safety culture is positioned at the heart of an organization's vulnerability to error because of its role in framing organizational awareness to risk and in providing and sustaining effective strategies of risk management. As previous research on risk identification practices, as applied to patient safety, and its

association with safety culture is limited, to evaluate current practice to address gaps and potential room for improvement. The interview-based questionnaires were helpful for evaluating current risk identification practices. While gaining significant insights into risk identification practices, such as experiences using current tools and methods, mainly retrospective ones, results also explicitly showed its link with the safety culture and highlighted the limitation in measuring the relationship [10].

Another study (Application to Healthcare Based on a Multi-Industry Review of Safety Culture Literature) was conducted about Safety Culture Framework and dimension and how it contributes great perspective on the development of safety culture showed that the Leader Commitment & Prioritization of Safety (as one of the safety culture dimension) achieved by applying and Manage risks effectively, Be proactive about safety issues. Psychological Safety dimension definition is a collective perception that the group is safe for interpersonal risk taking and can speak up without fear of embarrassment, punishment, or ridicule. [11] However, several dimensions not show direct relationship

- For understanding the Levels and development of safety culture increasing maturity of the safety Framework model, development of safety culture: pathologic (“Who cares as long as no one sees us?”) Reactive (“We work on safety: each time when an incident occurred.”) Calculative (“We have created systems which allow us to control the risk.”) Proactive (“We work on problems we notice.”) Generative (“Safety? Everything we do focuses on safety!”) [12].

Problem:

Many healthcare organizations struggle with identifying and managing risk factors that impact patient safety culture. There is a growing need for effective risk management strategies that can help healthcare providers to mitigate risks and improve patient safety culture

The challenge is to establish how risk management can be applied practically and effectively to prevent adverse events and contribute to a positive patient safety culture.

Objectives:

General: Studying and examining the relationship between the safety culture and effectiveness of risk management strategies in health care facility.

Assessing the impact applying effective risk management on positive safety culture

Specific:

Hypotheses:

A positive safety culture in healthcare organizations enhanced by applying effective risk management strategies.

Limitations:

Data quality and availability
Limited resources

Methodology: qualitative study descriptive, Inductive

References:

- [1] Glendon, A. I., & Stanton, N. A. (2000). Perspectives on safety culture. *Safety science*, 34(1-3), 193-214.
- [2] Guldenmund, F. W. (2000). The nature of safety culture: a review of theory and research. *Safety science*, 34(1-3), 215-257.
- [3] Choudhry, R. M., Fang, D., & Mohamed, S. (2007). The nature of safety culture: A survey of the state-of-the-art. *Safety science*, 45(10), 993-1012.
- [4] Wreathall J, Nemeth C Assessing risk: the role of probabilistic risk assessment (PRA) in patient safety improvement *BMJ Quality & Safety* 2004;13:206-212.
- [5] Damalas, C. A., & Eleftherohorinos, I. G. (2011). Pesticide exposure, safety issues, and risk assessment indicators. *International journal of environmental research and public health*, 8(5), 1402-1419.
- [6] Wreathall, J., & Nemeth, C. (2004). Assessing risk: the role of probabilistic risk assessment (PRA) in patient safety improvement. *BMJ Quality & Safety*, 13(3), 206-212.
- [7] Granel-Giménez, N., Palmieri, P. A., Watson-Badia, C. E., Gómez-Ibáñez, R., Leyva-Moral, J. M., & Bernabeu-Tamayo, M. D. (2022). Patient safety culture in European hospitals: A comparative mixed methods study. *International Journal of Environmental Research and Public Health*, 19(2), 939.
- [8] Henrichsen, J. R. (2022). Understanding Nascent Newsroom Security and Safety Cultures: The Emergence of the "Security Champion". *Journalism Practice*, 16(9), 1829-1848.
- [9] St Pierre M. Safe patient care - safety culture and risk management in otorhinolaryngology. *GMS Curr Top Otorhinolaryngol Head Neck Surg*. 2013 Dec 13;12:Doc09. doi: 10.3205/cto000101. PMID: 24403977; PMCID: PMC3884544.
- [10] Simsekler, M. C. E. (2019). The link between healthcare risk identification and patient safety culture. *International journal of health care quality assurance*, 32(3), 574-587.
- [11] Kilcullen, M. P., Bisbey, T. M., Ottosen, M. J., Tsao, K., Salas, E., & Thomas, E. J. (2022). The safer culture framework: an application to healthcare based on a multi-industry review of safety culture literature. *Human factors*, 64(1), 207-227.
- [12] Pierre, M. S. (2013). Safe patient care—safety culture and risk management in otorhinolaryngology. *GMS current topics in otorhinolaryngology, head and neck surgery*, 12.