

## Abstract

**Introduction:** nursing records, especially in intensive care units, due to the complexity of the patient's conditions and dangerous situations that lead to high mortality is of great importance. However, evidence suggests that there are challenges in care records in these sectors. This study aimed to improve the quality of nurse's notes of Imam Khomeini Kuydasht using the hospital information system.

**Methods:** In this study action research in four phases (assessment, design, implementation and assessment of change) was conducted, 24 participants took part. Data from interviews, focus group discussions, steering group meetings, Journal Reflective, reports checklist of nursing records with 450 reviews nurses before and after the changes were collected. Graneheim and Landman qualitative data content analysis method and quantitative data using descriptive statistics and Mann-Whitney test were analyzed. Lincoln and Guba qualitative data confirmed the validity of the proposed method.

**Results:** The main factors affecting improve the quality of recording, were optimizing hospital information system, empowering human forces, organization of care, procurement and improve interprofessional relations. Thus, according to the changes underlying the HIS CCU, empowerment of human resources, changes in the way care management sector and provide equipment and build relationships between professional favorable, the average nursing records via the HIS : nursing record on the admission 52.52 to 89.92 and in bedridden patients' report from 36.33 to 69.19 and the report of discharge from 5.69 to 17.06 improved. Also in the Health care team caused the responsibility, self-esteem, interaction between professional, entrusting to nurses and nurse-patient relationship.

**Conclusion:** This study of action research showed that the use of effective solutions such as the empowerment of individuals involved with processes, the substrate of essential infrastructure, improvement of environmental conditions, provision of facilities and equipment Strengthen supervision of nursing Instructions implementation of ministerial and developing and implementing internal protocol using motivational and incentive mechanisms to record the factual record in improving the quality of nursing care in cardiac care unit became effective. improve the performance of nurses in the field of care and record them using the computer and prepare reports, Increasing the score recorded, Speed up documentation, Increasing the presence of nurses to patients and nurses of Authority achievements of the study. Conducting interventions for use other hospital information system capabilities (cardex) To contribute to necessary projects such as electronic records and systems tariff nursing; recommended as the next cycle this study.

**Keywords:** nursing record, cardiac care unit, hospital information system, action research, Iran



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*Improve The Quality of nursing records Using Hospital  
Information System in coronary Care Unit:  
Action Research*

*A Thesis*  
*Presented for the*  
*Degree of Master of Sciences*  
*In Critical Care Nursing*

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