



Factors That Influence The Relationship Between Nurses' Knowledge And The Implementation Of Basic Life Support In Hospital Emergency Installation

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Abstract

Background: Basic Life Support (BHD) is skills crucial in save life patient stop heart or breath. Knowledge nurse about BHD plays a very important role in success implementation of BHD, especially in Installations Emergency Emergency (ER), where the condition critical often happen. **Objective:** To know factors that influence connection between level knowledge nurse with implementation of BHD in the emergency room sick.

Research methods this use design descriptive analytic with cross-sectional approach. A sample of 60 nurses working in the ER was taken by purposive sampling. Data were collected through questionnaire that has been tested its validity and reliability, as well as sheet observation implementation of BHD. Data analysis was carried out using chi-square and regression tests logistics.

Results: Research results show that there is connection significant between level knowledge nurse with implementation of BHD ($p = 0.001$). Other factors that influence connection the covering BHD training ($p = 0.004$), experience work ($p = 0.018$), and availability facilities ($p = 0.030$). Not found significant relationship between age ($p = 0.451$) and type gender ($p = 0.672$) with implementation of BHD.

Conclusion: Knowledge nurse relate strong with implementation of BHD in the ER. Routine training, experience work, and adequate facilities support improvement quality implementation of BHD. It is recommended that the house Sick in a way periodic to organize BHD training and repair facility BHD supporters in the ER.

Keywords: Basic Life Support, Knowledge, Nurse, Installation Emergency, Influencing Factors

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1. Introduction

Basic Life Support (BHD) is action the beginning of what was done for maintain function breathing and circulation before help advanced given. Success BHD implementation is very dependent on speed and accuracy response power health, in particular nurses who often become officer first in place incident in the ER.

Knowledge about important BHD procedures owned by nurses so they can do intervention in a way effective. However, in in practice, the implementation of BHD does not always optimal. This is Can influenced by several factor like training, experience work, burden work, and availability facility.

Study this aiming for identify factors that influence connection between knowledge nurse with implementation of BHD in the ER.

2. Research Methods

Study this use design quantitative analytic with cross-sectional approach. Population is all over the nurse on duty at the ER is one of them Hospital general. Retrieval sample done with purposive sampling technique with amount Respondent as many as 60 people.

Instrument study in the form of questionnaire for measure level knowledge and sheets observation implementation of BHD based on AHA (American Heart Association) guidelines. Data were analyzed using chi-square and regression tests logistics for see the most influential relationships and factors.

3. Results And Discussion

a. Results

From 60 respondents, the majority nurse own level knowledge good (66.7%) and implement BHD with true (61.7%).

The results of the chi-square test show :

Variables	p-value
Knowledge	0.001
BHD Training	0.004
Experience work (>5 years)	0.018
Availability of facilities	0.030





Age 0.451

Gender 0.672

Logistic regression show that knowledge and training is predictor strong in effective implementation of BHD.

b. Discussion

Research result show that nurse with knowledge tall more capable implement BHD in a right. Good knowledge allow taking decision fast and precise moment face case stop heart.

BHD training obtained previously very influential Because can refreshing and renewing skills. Experience work also improves trust self and dexterity in situation emergency. While that, facilities like mannequin exercise, tools assist breathing, and AED makes it easier implementation BHD action.

Not found connection between age and type sex with implementation of BHD, shows that BHD competency more depends on factors educational and professional than demographics.

4. Conclusion

Nurses' knowledge is significantly related to the implementation of BHD in the ER. Other supporting factors such as training, work experience, and availability of facilities also influence the success of BHD implementation.

1. Hospitals are advised to conduct BHD training periodically.
2. Monitoring and evaluation system for the competence of nurses in the ER.
3. Providing complete and easily accessible BHD facilities.

5. Compliance with Ethical Standards

Ethical Approval

Study this has get agreement ethics from Committee Ethics Health Research.

Informed Consent

All over participants study has given information complete about objectives and procedures research, as well as has sign sheet agreement written (informed consent) before data collection was carried out.





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Conflict of Interest

Writer state no there is conflict interest in study this.

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