Deanship of Graduate Studies Al-Quds University



Quality of Healthcare Documentation at UNRWA health Centers in the Gaza Governorates

Mohammed M. Alkhaldi

MPH Thesis

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Quality of Healthcare Documentation at UNRWA health Centers in the Gaza Governorates

Prepared By

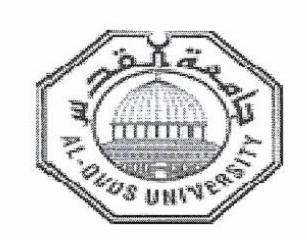
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Thesis Approval

Quality of Healthcare Documentation at UNRWA Health Centers in the Gaza Governorates

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Jerusalem – Palestine

1438 / 2017

Dedication

To the person who taught me that knowledge is power. The man who supported me and encouraged me to believe in myself

My father

To the strong and gentle soul who offered me everything to make me be who I am today

My mother

To the wonderful person who gave me the support and affections all the way

My wife

To the real treasure in my life, Munir, Rkan and Ryan

My sons

To those who have been an inspiration to me **My teachers**

I dedicate this thesis for all of them

Declaration
I certify that this thesis submitted for the degree of Master, is the result of my own research, except where otherwise acknowledged, and this study (or any part of the same) has not been submitted for a higher degree to any other university or institution.
Signed:
Mohammed M. Alkhaldi
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Signed:

Mohammed M. Alkhaldi

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Mohammed Alkhaldi

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Abstract

Information play a vital role in health and the medical record is an important medium for providing information for the health staff, decision makers and researchers. This study aims to ascertain the quality of healthcare documentation at UNRWA health centers in the Gaza Strip, in order to enhance the quality of care which optimally contributes to better health outcomes.

A mixed-methods approach was used, in which data have been triangulated. In total, 204 randomly selected (systematic sampling approach) healthcare providers participated in the quantitative part of the study with 96% response rate and408 patient records were reviewed. In addition, seven in-depth interviews were conducted with purposively selected key informants. Quantitative data were collected through group-administered questionnaire and then records were reviewed. The preliminary findings derived from the quantitative part informed the qualitative data collection. The overall reliability was high (Cronbach's Alpha 0.890). The Statistical Package for Social Sciences software was used for the quantitative data entry and analysis while the Open Coding Thematic technique was used to analyze the qualitative data.

Results showed that 35% of participants were males, 65% females. About half of them were nurses, one third were doctors and the rest were midwives. One third of the participants received on-the-job training about documentation. The overall quality of healthcare documentation has elicited score of 77%. Healthcare providers' perspectives had the highest score (81%), followed by documentation practicalities (78%), then knowledge and managerial factors (74%) each. Barriers to healthcare documentation scored 72%, with work overload, shortage of staff and lack of training were perceived as the main barriers for healthcare documentation.

Findings from the records review revealed that the overall availability and completeness of available parameters were 74% and 80% respectively. A real gap was found in the Non-Communicable Diseases records; the availability and completeness were 74% and 53% respectively. In addition, the patient complaints, physical examination findings and management plan availability in the general health records were low.

Inferential statistics show that males, younger, doctors, Bachelor degree holders and graduates of Arab countries elicited less quality scores and more documentation errors than their counterpart from other groups.

Results of the qualitative study were supportive to what was found in the quantitative component. Interestingly, key informants consider the change of documentation from the paper-based to the electronic based documentation system is one of the greatest achievements of the health department during the last decade. Qualitative findings emphasized the importance of supervision and training to improve the quality of documentation.

The study concluded that the quality of healthcare documentation at UNRWA health centers is reasonable, but still it requires further improvement with greater emphasis on training, supervision and further development of the electronic information system.

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