



Correlation Between Nurse Time Management with Documentation of Nursing Care in The Inpatient Room of Muhammadiyah Hospital in Metro

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ABSTRACT

Nursing documentation is necessary in the nursing care process. In Indonesia, nursing care documentation is still not up to standard, leading in issues with nursing care implementation, such as poor documentation of quality of care provided in hospitals, making it difficult to verify that nursing care was administered correctly. Documentation of nursing care is an indicator of nurse performance which is influenced by nurse time management. The research objective was to determine the correlation between nurse time management and documentation of nursing care at the Muhammadiyah Hospital in Metro. This research was quantitative research, with a cross sectional approach. The sample were 157 people taking by purposive sampling technique. Univariate and bivariate data analysis used Spearman test correlation analysis (ρ). The results obtained from 61 respondents, it is known that nurses have good time management as many as 33 people (54.1%), as many as 24 nurses (39.3) had enough time management. There is a correlation between time management and documentation of nursing care at the Muhammadiyah Hospital in Metro 2022, the value of $p = 0.001$ ($p = <0.05$). It is expected that the at the Muhammadiyah Hospital in Metro, especially for the nursing management, will be able to carry out regular checks on patient status or nursing records from assessment to evaluation, and can improve the quality of service in nursing by providing opportunities for nurses to take part in seminars on good time management and documentation of nursing care.

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Kata kunci:

Manajemen Waktu
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ABSTRAK

Dokumentasi keperawatan merupakan hal sangat penting dalam rangkaian asuhan keperawatan. Pendokumentasian asuhan keperawatan di Indonesia masih belum sesuai dengan standar sehingga muncul masalah dalam pelaksanaan asuhan keperawatan yaitu ketidaklengkapan dokumentasi asuhan keperawatan yang dilakukan di rumah sakit sehingga sulit untuk membuktikan bahwa asuhan keperawatan telah dilakukan dengan benar. Pendokumentasian asuhan keperawatan adalah indikator kinerja perawat yang dipengaruhi oleh manajemen waktu perawat. Tujuan penelitian ini untuk mengetahui hubungan manajemen waktu perawat dengan pendokumentasian asuhan keperawatan di Rumah Sakit Muhammadiyah Metro. Penelitian ini merupakan jenis penelitian kuantitatif, dengan pendekatan cross sectional sampel berjumlah 157 orang dengan teknik purposive sampling. Analisis data univariat dan bivariat dengan analisis korelasi uji spearman (ρ). Hasil penelitian didapatkan dari 61 responden diketahui bahwa perawat memiliki manajemen waktu baik sebanyak 33 orang (54,1%), manajemen waktu cukup sebanyak 24 perawat (39,3). Ada hubungan hubungan manajemen waktu dengan pendokumentasian asuhan

keperawatan di Rumah Sakit Muhammadiyah Metro Tahun 2022 nilai $p=0,001$ ($p<0,05$). Diharapkan bagi Rumah Sakit Muhammadiyah Metro terutama bagi pihak manajemen keperawatan untuk dapat melakukan pemeriksaan secara berkala terhadap status pasien atau catatan keperawatan mulai dari pengkajian sampai evaluasi, serta dapat meningkatkan kualitas pelayanan dalam keperawatan dengan memberikan kesempatan bagi perawat mengikuti kegiatan seminar tentang manajemen waktu yang baik dan pendokumentasian asuhan keperawatan.

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INTRODUCTION

Nurses are very important in improving the quality of the service in hospitals, one of which is the documentation of nursing care because in an initial way recording all actions taken completely, accurately, and clearly, and can be used as evidence of responsibility and accountability as nurses in carrying out their duties, in making SOAP which is done every shift change based on the patient's condition (Abdurrouf & Kasim, 2016).

Documentation is one of the nursing actions as complete and accurate evidence and nursing record. Nurses often do not write down patient complaints and nursing actions, even though it was important thing in nursing, with that nurse are continuously in the process of handling patient, thus nurse were able to evaluate changes in patient conditions or changes (Bahar, Masyitha, Kirnantoro, Sarka Ade, Susana, 2017).

The advantages of nursing care documentation include being a communication tool between nurses and other health workers, can be used as legal documentation, and having legal value. Improving the quality of nursing services as a reference or as a learning reference in improving nursing knowledge, have research value in nursing research and development (Nursalam, 2013).

The implementation of nursing care documentation was closely related to the time management of nurses in compiling activities and achieving the most prioritized goals (Yusuf Muhammad, 2013).

Nurses must be able to manage time before carrying out work activities. For saving time, nurses need to group activities and do documentation right before carrying out activities.

The benefits of good time management are havin clear priorities at work, reducing delays and errors at work, being on time in doing a job to increase job satisfaction, having the ability to stay concentrated in work so that it can improve work better and can practice the habit of discipline for matters relating to time (Forsyth, 2009). If nurse's time management was good, the documentation will also be good in the room (Yusuf Muhammad, 2013).

A preliminary survey conducted by researchers at the Muhammadiyah Hospital Metro 2021 showed that from January to September 2021 there were 4.320 incomplete nursing care documentation and 6.677 complete documentation. From the sample that has been carried out, this is due to delayed data entry by the nurse in the room due lack of time and a large number of patients in the inpatient room and busy handling of COVID-19 patients.

Based in the above background, the authors are interested in conducting research under the title "Correlation of Nurse Time Management With

Documentation of Nursing Care in The Inpatient Room of Muhammadiyah Hospital Metro".

METHOD

The research method used in the study was correlation analysis with a cross-sectional method, which is a research method that focuses merely measuring/observing the independent and dependent variable data once at a time. This research was conducted at Muhammadiyah Hospital Metro of Lampung. Purposive sampling, a sampling strategy in which the research was based under researchers' judgment when selecting individuals of the population to participate in accordance with the researcher's inclusion criteria, was used to sample up to 61 nurses. In February 2022, data was collected for one week utilizing a questionnaire sent in the form of a Google Form while following to the code of ethics by prioritizing informed permission.

The information gathered is organized into a data matrix. To see the description of nurse's time management characteristics and to document nursing care, a univariate analysis was performed. In the bivariate analysis, the Spearman Rho test was used with a signidicance level of ($p < 0,05$) to determine whether there was a correlation between nurse time management and documentation of nursing care at Muhammadiyah Hospital Metro of Lampung.

RESULTS AND DISCUSSION

The analysis result of table 1 showed that 61 nurses have good time management as many as 33 people (54,1%) and in carrying out nursing documentation the most with suffidient category were 42 people (68,9%).

The analysis result of table 2 showed that the average time management of nurses in documenting nursing care was in a good category as many as 32 people (52,45%). However, there are still nurses in manage less time but the documentation of nursing care is quite good 4 people 6,56%). The result of the correlation analysis of variables with the *Spearman rank (rho)* statistical test have obtained a p-value was 0,001 which is smaller than the set, which is $<0,05$. This showed that there is a correlation between nurse time management and documentation of nursing care at the Muhammadiyah Hospital Metro in 2022. This was in line with the theory explained by Aprilia (2016) which revealed that time management was the ability to plan, schedule and carry out responsibilities with managing one's time in daily life. Using time effectively by making plans, priorities, and goals to carry out responsibilities and have control over time and desires (Santya, 2016).

Tabel 1
Frequency Distribution of Nurse Time Management and Documentation of Nursing Care (N=61)

Variable	N	Percentage (%)
Nurse Time Management		
Good	33	54,1
Enough	24	39,3
Less	4	6,6
Documentation of Nursing Care		
Good	19	31,1
Enough	42	68,9
Less	0	0

Tabel 2
The Correlation between Time Management and Documentation of Nursing Care at Muhammadiyah Hospital Metro (N=61)

Time Management	Documentation of Nursing Care						Total		Spearman Rho Test	
	Good	%	Enough	%	Less	%	n	%	p	r
Good	32	52,45	1	1,64	0	0	33	54,10	0,000	0,689
Enough	10	16,39	14	22,95	0	0	25	39,34		
Less	0	0	4	6,56	0	0	4	6,56		
Total	42	68,85	19	31,15	0	0	61	100		

Time management required skills, tools and techniques used in managing time to complete tasks within a predetermined period of time so that someone needs to use them well, effectively and efficiently (Gea, 2014). If nurses can manage time management, they can manage anything so that the nurses will be able to use their time well to document nursing care properly.

This was in line with research conducted by Arief Munandar (2018) entitled the effect of time management and compensation on nursing care through the motivation of nurses in the nursing rim at the Day a Hospital Makasar City that time management has a direct positive and significant effect on nursing care, which means that the higher the time management of the nurse, the higher the nursing care of the nurse.

Documentation or nursing care was an important part of providing health services in hospitals, and each implementation was not far from 5 nursing processes which include assessment, diagnosis, implementation, intervention, and evaluation (Prabowo, 2017). Nursing care documentation was an indicator of nursing service quality, therefore if nursing care documentation was done correctly, nursing service quality was generally good, which led to satisfaction with nursing services, and vice versa (Nursalam, 2008).

In carrying out complete documentation of nursing care, motivation is needed from nurses because it is the energy that drives nurses to achieve the assigned tasks. Motivation will have an impact on the performance of nurses which will be continuous with improving the quality of care and nursing services. This was in line with the result of research conducted by Endang Susiana (2019), entitled factors related to the quality of documentation of nursing care at the DR. Soetomo Regional Hospital of Surabaya revealed that the motivation has a correlation with the quality of nursing documentation where motivation is a strong impetus in a person's self in an effort to do complete documentation of nursing care.

Based on research conducted by Rizki, Hadi, and Rohadi (2018) regarding Workload Analysis and Work Culture in Nurse Performance Carrying Out Patient Assessment in Improving the Quality of Nursing Care at Pasar Minggu

Hospital that there is a significant influence on nurse performance in the quality of nursing care. This means that good performance in documenting nursing care will produce good quality.

Nursing care documentation has been carried out ideally at the Muhammadiyah Hospital Metro of Lampung; nurses split their time and focus on nursing action procedures abilities, resulting in excellent nursing care documentation. The support of the hospital management with the oversight of nursing care management is one of the supportive aspects for the quality of nursing care documentation.

Based in the conclusions above, the researcher argues that will good time management of nurses in documenting nursing care, the nursing services quality will be better. Good time management and not procrastinating work is the main indicator in completing work, especially in documenting nursing care. This was important because the documentation of nursing care is a form of legality for nurses in carrying out nursing care actions for patients. This will run optimally if there is support from the hospital management in supervising nursing care document and providing motivation to nurses to be able to manage time and document nursing care as a whole.

LIMITATION OF THE STUDY

The limitations of this study are other factors that were not examined in this study such as the workload and work culture of nurses as well as with the increasing cases of Covid-19, the researchers had to conduct their research through Google Form because they couldn't contact nurses or respondents directly, resulting in a biased study.

CONCLUSIONS AND SUGGESTIONS

There is a correlation between nurse time management and documentation of nursing care at Muhammadiyah Hospital Metro of Lampung with a p-value of 0,001. The suggestion for Muhammadiyah Hospital Metro management, it can motivate nurses in managing time in documenting

nursing care by conducting regular supervision and giving rewards to nurses so that nurses' motivation increases time management in documenting nursing care which can improve the nursing service quality and patient satisfaction.

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