

Socialization Regarding the Implementation of Electronic Medical Records Based on the Republic of Indonesia Minister of Health Regulation Number 24 In 2022 at the Nanggalo Padang Community Health Center

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Abstract

Electronic Medical Records are Medical Records created using an electronic system intended for the maintenance of Medical Records. Every Health Service Facility is required to maintain Electronic Medical Records. The aim of regulating medical records is to improve the quality of health services, provide legal certainty in the administration and management of medical records, guarantee the security, confidentiality, integrity, and availability of medical record data; and organize and manage digital-based and integrated medical records. Based on the initial survey at the Nanggalo Community Health Center, information was obtained that the medical records at the community health center did not yet use electronic medical records. Therefore, it is necessary to provide socialization regarding the regulations of the Minister of Health of the Republic of Indonesia Number 24 of 2022 concerning medical records to increase the knowledge of medical record officers and all health service providers at health centers. This service aims to provide socialization regarding the application of medical records based on Minister of Health Regulation Number 24 of 2022. The expected benefits are to increase the level of knowledge of medical record officers, nurses, doctors, and other electronic health officers regarding the mandatory implementation of Electronic Medical Records in health centers. Nanggalo. This community service will be carried out in June 2023 at the Nanggalo Community Health Center. This Community Service activity is carried out by providing outreach regarding the rules for Electronic Medical Records at the Nanggalo Community Health Center. From the socialization, there was an increase in participants' knowledge and understanding regarding the material with the average pre-test assessment result being 46 points while the post-test score increased to 86 points. It is recommended that this socialization activity has a positive impact on the progress of the Nanggalo Community Health Center and can implement electronic medical records at the Community Health Center by the regulations that all health facilities including community health centers can implement the use of electronic medical records.

Keywords: *Socialization, Community Health Center, Electronic medical records*

INTRODUCTION

Puskesmas is a health care facility that carries out public health efforts as well as first-level individual health efforts, by prioritizing promotive and preventive efforts without neglecting curative and rehabilitative efforts to achieve the highest level of public health in its working area (Permenkes, 2019). The Puskesmas plays a role as the person responsible for organizing health

efforts at the first level, and as a functional health organization that provides comprehensive and integrated services to the community.

Health service facilities have an obligation to provide health services in accordance with their respective main targets. All health care facilities are required to maintain medical records, including community health centers. The unavailability of medical record facilities still occurs in several places in health service facilities. This creates problems, especially if there are legal claims related to the implementation of health services provided by health workers. The sanctions that can be imposed for violations regarding the unavailability of medical record facilities according to the Minister of Health for Medical Records Number 269 of 2008 Article 17 are administrative sanctions.

A medical record is a file that contains notes and documents regarding the patient's identity, examination, treatment, procedures and other services that have been provided to the patient. The role of medical record services is very important because medical records are written evidence of the health services received by patients. This medical record document can be valid evidence according to law.

In providing quality health services, doctors and other health workers at community health centers and other health service locations are required to document everything related to the patient's health during treatment and after treatment in the medical record. Efforts to provide good and responsible health services are everyone's hope and of course must be implemented by health workers. Implementation of quality and safe medical procedures can increase public confidence in all possible negligence that occurs, especially in health facilities which are often the main referral for patients (Budi, 2011).

The development of the digital era makes routine and quality data integration an important component in realizing digital transformation. The use of information technology in the health sector has been used quite widely, from health planning to providing various health data at both individual and community levels (Kepmenkes, 2020). The role of information technology in health can increase the ease and speed of input, process and output so that the information produced is faster, more complete and accurate.

Electronic Medical Records are Medical Records created using an electronic system intended for the maintenance of Medical Records. Every Health Service Facility is required to maintain Electronic Medical Records. The aim of regulating medical records is to improve the quality of health services, provide legal certainty in the administration and management of medical records, guarantee the security, confidentiality, integrity and availability of medical record data; and realizing the implementation and management of digital-based and integrated Medical Records.

Electronic Medical Records are one of the subsystems of the Health Service Facility information system which is connected to other information subsystems in the Health Service Facility. Electronic Medical Records are administered from the time the patient is admitted until the patient goes home, is referred, or dies. Health Service Facilities must develop standard operational procedures for the implementation of Electronic Medical Records tailored to the needs and resources of each Health Service Facility, by referring to the Electronic Medical Record guidelines.

PROBLEM SOLUTION

Based on the initial survey at the Nanggalo Community Health Center, information was obtained that the medical records at the community health center did not yet use electronic medical records. Therefore, it is necessary to provide socialization regarding the regulations of the Minister of Health of the Republic of Indonesia Number 24 of 2022 concerning medical records in order to increase the knowledge of medical record officers and all health service providers at health centers. The aim of this service is to provide socialization regarding the implementation of electronic medical records based on the Regulation of the Minister of Health of the Republic of Indonesia Number 24 of 2022. The expected benefits are to increase the level of knowledge of medical record officers, nurses, doctors and other health workers regarding the mandatory implementation of electronic medical records at the Nanggalo health center.

METHOD

This Community Service (PKM) was carried out on Juni 15, 2023 at the Nanggalo Health Center, Padang City.

Work Procedures

In implementing the activity, the steps to be taken are as follow

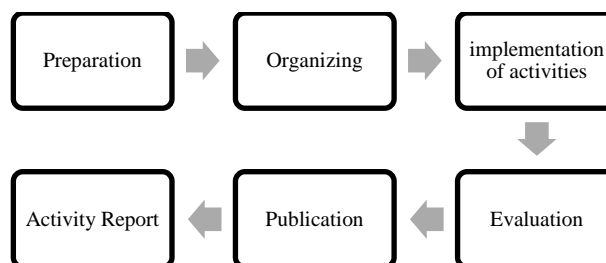


Figure 1. Activity Implementation Process

Implementation Method

This Community Service (PKM) was carried out on June 15 2023 at the Nanggalo Padang Community Health Center. Community service activities began by holding a meeting with Community Service members to determine the theme of Community Service and determine the location, then an initial survey at the Nanggalo Padang Community Health Center. Next, the topics that need to be carried out for community service are determined. In implementing community service, the method used is socialization. The activity continued with discussion and questions and answers. Before the socialization, participants were given a pre-test to determine their level of understanding of the material before the socialization was carried out. After the socialization was carried out, another post-test activity was carried out. This aims to spread participants' level of understanding of the material that has been presented before and after carrying out this

Community Service activity. From this data it will be known whether the socialization activities were effective and hit the target.

This Community Service activity is carried out by providing outreach regarding electronic medical records at the Nanggalo Padang Community Health Center. The team provides an understanding of the material. The PKM team consists of 3 people consisting of the chairman and members 1 and 2.

RESULTS AND DISCUSSION

Community Service Activities have been carried out at the Nanggalo Padang Community Health Center. In carrying out community service, the method used is socialization. The activity continued with discussion and questions and answers. Before the socialization, participants were given a pre-test to determine their level of understanding of the material before the socialization was carried out. After the socialization was carried out, another post-test activity was carried out. This aims to evaluate the level of participants' understanding of the material that has been presented before and after carrying out this PKM activity. From this data it will be known whether the socialization activities were effective and hit the target.

This service activity raised the topic of electronic medical records. Based on the topics raised, socialization was carried out on June 15 2023 by providing material to all health workers at the Community Health Center. The PKM grant team consists of 3 people, consisting of two lecturers and one student.

At this stage of the activity the PKM team introduced themselves and explained the objectives of the service. There were 18 participants who attended this activity consisting of various positions at the Community Health Center including General Practitioners, Medical Records Officers, Nurses, Nurses, nutritionists, pharmacists. From the activities that have been carried out, the results show that the implementation of this PKM activity ran smoothly, all participants were enthusiastic and enthusiastic in participating in the question and answer discussion activity. Apart from that, this activity can increase the level of knowledge of health workers at the Nanggalo Community Health Center about electronic medical records.

With this PKM activity, there was an increase in the knowledge of health workers at the Nanggalo Community Health Center regarding "Socialization regarding the Implementation of Electronic Medical Records Based on PMK RI Number 24 of 2022 at the Nanggalo Padang Community Health Center", with the results of the pre-test and post-test scores as follows:

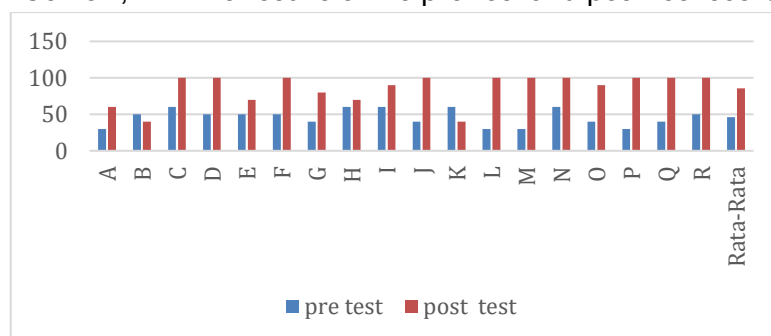


Figure 2. Assessment of pre-test and post-test results

From Figure 2, you can see the pre-test scores obtained before providing the socialization material with the highest score getting 60 points while the lowest score got 30 points. Meanwhile, after the socialization was given, there was an immediate increase with the highest score being 100 points obtained by 10 participants while the lowest score was 40 points. The average pre-test assessment was 46 points while the post-test score increased to 86 points. To increase the motivation or enthusiasm of the participants, the team also gave 3 prizes to the highest scores and the best participants in taking part in this PKM activity.

The following is documentation of PKM activities:



Figure 3. Speech from the leadership of the Community Health Center



Figure 4. Participants are answering questions from the Pre-test questions



Figure 5. Participants are enthusiastic about hearing the material



Figure 6. Prize distribution to participants with the highest scores



Figure 7. PKM team with all participants

CONCLUSIONS AND RECOMMENDATIONS

This service activity is carried out by providing outreach regarding the regulations of the Minister of Health of the Republic of Indonesia Number 24 of 2022 concerning medical records in order to increase the knowledge of medical record officers and all health service providers at community health centers that the implementation of electronic medical records must be implemented starting in 2023. This activity can increase the level of knowledge of medical record officers, nurses, doctors and other health workers regarding the mandatory implementation of electronic medical records at the Nanggalo health center. From the socialization, there was an increase in participants' knowledge and understanding regarding the material with the average pre-test assessment result being 46 points while the post-test score increased to 86 points.

It is recommended that this socialization activity has a positive impact on the progress of the Nanggalo Community Health Center and that electronic medical records can be implemented at the Community Health Center in accordance with the regulations that all health facilities, including Community Health Centers, can implement the use of electronic medical records.

ACKNOWLEDGEMENT

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