

## IMPROVEMENT OF COMMUNITY KNOWLEDGE ABOUT GOOD AND CORRECT USE OF MEDICINE

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### Abstract

The desire of the community to find out how to use good and right drugs at this time must be improved, this is in line with the success of the therapy which will be followed when they receive the medicine. When people receive drugs at a pharmacy or hospital they tend not to want to dig up more information about the drugs they receive, they only get one-way information from the pharmacist who provides the medicine. The Community Service activity aims to increase the public's curiosity about the information received by the drug so that the use of the drug can be optimized because it is used properly and correctly. This service is done at Babakan Madang Health Center, for patients who will later receive the drug. The method is to conduct counseling on the importance of recognizing the drugs they are going to consume later, before the counseling is conducted, a pre-test is conducted first to assess how much the public's curiosity about the use of drugs is good and right. After counseling was given a post test with the same questions. The results of this activity were an increase knowledge in 79% of patients. It is hoped that by increasing the public's curiosity regarding the use of good and right medicine, it can help reduce improper drug use cases and wrong drug therapy, so that public health can increase. In this activity including a free medical check-up included blood pressure checks and blood sugar levels

**Keywords:** increased curiosity; society: good and right drug use.

## I. INTRODUCTION

Health is the most important part of community welfare. Health development is one of the efforts of national development held in all areas of life [1]. The goal of health development is the achievement of a healthy life for each community, and to realize optimal health status. With the development of science in the world of health today, understanding and knowing the use of drugs that are good and right is an important part of achieving public health [2]. Health is also one of the basic human needs, besides clothing, food and shelter. Then it is considered necessary for the public to know what important things are related to the drug it receives, starting from how to get it, use it, store it and dispose of it [3].

Realizing the degree of health in society the role of drugs is very important, because medicine is one of the factors that influence the healing of a disease [4]. The goal given is to diagnose, reduce pain, treat, and prevent disease. Medication can cure, but the drug can also cause poisoning and even death if not used according to the dose. Therefore, the drug can cure if used appropriately, both in dosage and time. If the drug is used in excessive doses can cause poisoning [5],

whereas if the dose is less then it can not cure. The community must really understand in choosing, using, storing medicine as an effort to treat themselves and then dispose of the remaining drugs properly so as not to be misused. The role of pharmacists in providing complete information on medicines obtained by the community is very important in order to achieve the goal of treatment, which is healing [6].

Most people who suffer from pain will make an effort to eliminate or reduce the pain they suffer. Not a few people who fail to do the healing efforts in adhering to the therapeutic procedures recommended by doctors and pharmacists, resulting in failure of therapy and the emergence of more dangerous side effects. Disobedience Behavior The public in the therapy process is generally related to the rules of drug use, both those that use doctor's prescription and over-the-counter medicines that are bought at pharmacies or drug stores [7]. The cause of non-compliance is the lack of understanding of the rules of taking medication and how to take medication. Patients are said to be obedient when buying all drugs, taking drugs on time, taking according to doctor's orders. And said to be disobedient if you do not take the medicine regularly,

or do not spend in the time given according to doctor's recommendations.

## II. METHODS

The PKM activity was carried out at the Babakan Madang Public Health Center in Bogor Regency. The implementation of this activity was carried out to obtain results that showed a percentage increase in community curiosity regarding the use of good and correct medicines. Before the community was given counseling, the community filled out a questionnaire (before counseling) with a questionnaire about questions about drug use (DaGuSiBu).



**Figure 1. Counseling Activities**

After the Community filled out the questionnaire then counseling was conducted on the Use of Good and Correct Drugs. After completing counseling, the community fills in the same questionnaire as answering in the column (after counseling). So that it can be seen whether there is an increase in community curiosity regarding the use of good and correct medicines [7].

After the counseling activity was completed the free health check-up activity included checking blood pressure and blood sugar levels, found 50% of patients had blood pressure above normal and almost all patients did not realize they had blood pressure above normal.



**Figure 2. Free Health Check**

## III. RESULTS AND DISCUSSION

Community Service Activities entitled Efforts to Increase Community Curiosity Regarding the Use of Good and Correct Drugs at the Babakan Madang Health Center in Bogor Regency, aimed at increasing public knowledge about the use of good and correct medicines in order to achieve therapeutic goals, namely healing. This activity also opened up the insights of people who initially did not know how to take the right medicine to become more understanding, thereby reducing the level of improper drug use. This activity was attended by 24 people who were all patients at Babakan Madang Health Center who had received prescription drugs. Consisting of 19 Female Patients and 5 Male Patients.



**Figure 3. Group photo of Puskesmas staff**

After counseling, the patient conducts a consultation related to the drug obtained including the rules of use and the time of taking the drug. From the results of the questionnaire after counseling it is known that 25% of patients still do not know that buying drugs must be at a pharmacy or drug store that has a pharmacist in charge. 91% Patients already understand that when buying drugs must see whether the drug already has a drug distribution permit. There are still 37.3% of patients who do not understand that hard drugs must be purchased by prescription. 41.66% Patients still do not understand that if you get a prescription for antibiotics then the drug must be finished. 79% Patients already know the rules of using drugs if asked 3 times a day meaning the drug is taken every 8 hours, or if asked twice a day means the drug is taken every 12 hours. There are already 87.5% of patients who understand that it is forbidden to take the same medicine with family or relatives if the symptoms of the disease are the same without consulting a doctor. There are still 20.8% of patients who do not know that the label on the drug package should not be removed because it is the identity of the drug and a lot of important information is on it such as the expiration date. 91.6% Patients understand that drugs that have expired should not be taken again because they are dangerous, could be that the drug has been damaged and can cause poisoning. There are still 29% of

patients who do not understand that disposing of the remaining drug should not be careless because it can be misused by irresponsible people. There are still 55% of people who still do not understand how to properly dispose of the leftovers.

#### IV. CONCLUSION

There has been an Increase in Community Curiosity Regarding the Use of Good and Correct Drugs by 79% of a total of 24 Patients with an average value of 81. The obstacle faced during PKM activities was when we had to deliver counseling material to patients whose condition (illness) was different between patients one with another so that makes the understanding received by each patient can be different. This is made clear by the results of filling out the questionnaire, there are still 21% of patients who have not experienced an Increase in Community Curiosity Regarding the Use of Good and Correct Drugs.

PKM activities have provided benefits for patients on the use of drugs that are good and right. The use of drugs they receive for self-medication at home. Therefore, there is an increase in community curiosity regarding the use of good and correct medicines, explaining that there is still a need for counseling about drugs, especially regarding how to destroy the remaining drug that is good and right, bearing in mind that there are still many people who discard the remaining drug that has been damaged or expired carelessly so that it can lure people to commit crimes.

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