

## Basic Immunization Counseling for Babies in the New Village of Ladang Bambu, Medan Tuntungan District in 2019

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### ABSTRACT

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Immunization is a way to increase the baby's immune system so that it can prevent illness and death of infants and children caused by frequent infectious diseases. The general objective of basic immunization is to reduce infant morbidity, disability, and mortality due to PD3I, while the specific goal of the basic immunization program is to achieve complete basic immunization coverage. Mother's awareness of the importance of information dissemination on basic immunization is indicated by the presence of babies who have not received complete basic immunizations at the age of 12 months so that the activity process requires considerable effort to attract the interest of mothers and families so that mothers know that the completeness of basic immunization is needed. by his son.

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### 1. Introduction

Immunization is a way to increase a person's immune system actively against a disease. When a person is exposed to the disease, that person will not suffer from the disease because the body's immune system already has a memory system, when the vaccine enters the body, antibodies are formed to fight the vaccine and the memory system will store it as an experience (Butarbutar, 2018). . The diseases that can be prevented by immunization (PD3I) are tuberculosis, diphtheria, pertussis, tetanus, hepatitis B, pneumonia, meningitis, polio and measles.

Complete Basic Immunization is an immunization given to children aged before 12 months which consists of HB 0 immunization, BCG immunization, DPT-HB-HIB immunization, polio immunization, IPV immunization and measles immunization (Kemenkes, RI, 2018). Complete basic immunization can protect children from disease outbreaks, disability and death.

The purpose of immunization is to provide immunity to infants in order to prevent illness and death of infants and children caused by disease and infant and child mortality caused by frequently infectious diseases (Kusumawati, 2017). The general objective of the basic immunization program is to reduce infant morbidity, disability, and mortality due to PD3I, while the specific goal of the basic immunization program is to achieve complete basic immunization coverage (Sarri, 2018).

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### 2. Methods

As a community service activity, the following preparations are carried out:

- a. Hold a meeting with the Head of the District in terms of supporting this activity and obtain permission to carry out the extension.
  - 1). Request permission from the Head of the District for the implementation of counseling activities on basic immunization.
  - 2). Determination of participants who will take part in the counseling.
  - 3). Determination of community staff who participate in the smooth running of outreach

activities on basic immunization.

- 4). Determination of the facilities and infrastructure needed to support the implementation of these outreach activities.
- 5). Other things that are considered important in carrying out activities
- b. Coordination meeting with the activity implementation team in this case:
  - 1). Set the day, date of activity
  - 2). Place of activity
  - 3). Prepared equipment
  - 4). The committee that helped
  - 5). Amount of fee required
  - 6). Facilitators who participate in providing materials
  - 7). Things that are deemed necessary

### **2.1 Activity Process**

- a. On March 16, 2019, data collection was carried out on participants who will take part in counseling activities on basic immunization.
- b. Opening ceremony.
- c. counseling on basic immunization, among others by doing:
  - 1). Lecture
  - 2). Question and answer
  - 3). Discussion
- d. After the material is given, the basic immunization vaccine will be given for free.

## **3. Results and Discussion**

### **3.1 Target Audience**

This activity is targeted at mothers in the Baru Ladang Bambu Village, Medan Tuntungan District, in order to find out the completeness of the baby's complete basic immunization.

### **3.2 Linkages**

In carrying out this service, the fields of science that are considered related include midwifery care for newborns.

### **3.3 Activity Method**

The direction or purpose of this activity can be carried out by conducting basic immunization counseling in order to obtain completeness for infants to obtain basic immunizations at:

- a. The place : Environment V Ex. New Bamboo Farm
- b. Power : AKBID Darmo lecturers, totaling 2 people, 1 student
- c. Target: mothers who have babies from the age of 1 month – 12 months

### **3.4 Evaluation Plan**

In this case, the evaluation carried out is evaluating the status of knowledge on behavioral changes (knowledge, attitudes, and actions) as well as increasing the health status of mothers to bring their babies to complete basic immunizations, increasing information to mothers about basic immunizations starting from the benefits and side effects obtained of the vaccine.

### **3.5 Supporting and Inhibiting Factors**

#### **a. Supporting factors**

- 1). Enthusiastic mothers who have babies ranging from 1 month to 12 months are quite large
- 2). The sub-district party, in this case Kelapa Sub-district, Kepling, provided the time and place so that the counseling could run well

#### **b. Obstacle factor**

Mother's awareness of the importance of information dissemination on basic immunization is indicated by the presence of babies who have not received complete basic immunizations at the age of 12 months so that the activity process requires considerable effort to attract the interest of mothers and families so that mothers know that the completeness of basic immunization is needed.

## **4. Conclusions**

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Reports on community service implementation activities in the form of counseling to mothers about Basic Immunizations carried out at the Lurah Office of Baru Ladang Bambu Village which can be stated as follows: The activities were carried out according to the objectives and plans. This activity received a good response from the district. This activity provides a new discourse for mothers about information on the incidence of disease risk that will be obtained from the basic immunization vaccine.

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