
**THE RELATIONSHIP OF FAMILY SUPPORT WITH ADVANCED IMMUNIZATION
COMPLETENESS DPT-HB-Hib (PENTAVALENT) IN TODDLER IN
LUMBAN HEALTH CENTER, JULU DISTRICT
TOBA SAMOSIR NORTH SUMATRA
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ABSTRACT

Based on report UNICEF mention that 19.5 million child toddlers around the world yet get service immunization complete . As a result , 2 -3 million death , and 30% death consequence possible disease _ prevented with immunization . On average in ASIAN countries 89% received immunization . There are approximately 32,007 deaths per year including caused by possible diseases _ prevented with immunizations , such as Diphtheria , Tetanus, Tuberculosis , Polio, Measles and Pertussis (UNICEF, 2019) . In 2014-2016, there were 1,716,659 children who did not get immunization and immunization No complete . Every year more of 1.4 million children in the world die Because various actual disease _ can prevented with immunization . So activities immunization expanded into a Development Program Immunization (PPI) in frame prevention transmission to a number of Possible Diseases _ Prevented with Immunization (VPD), ie Tuberculosis , Diphtheria , Pertussis , Measles , Polio, Tetanus, Hepatitis-B, and Pneumonia (Riskesdas , 2018). Study This aim For For analyzing “ Relationships Support Family With Completeness Immunization Advanced Dpt -Hb-Hib (Pentavalent) in Toddlers at Lumban Julu Community Health Center, Toba Samosir Regency, North Sumatra in 2023 . Population in study This is all mother who has child the toddler did visit Immunization Advanced 31 people received -Hb-Hib (Pentavalent) at the Lumban Julu Community Health Center , Toba Samosir Regency, North Sumatra . taking sample using total sampling. Instrument research used _ researcher in data collection is questionnaire.retrieval sample using total sampling. Instrument research used _ researcher in data collection is questionnaire . Results analysis statistics test *chi square* obtained p value : $0.044 < \alpha : 0.05$ so that H_0 is rejected and H_a is accepted, namely there is a relationship between family support and the completeness of Dpt-Hb-Hib (Pentavalent) advanced immunization for toddlers at the Lumban Julu Health Center, Toba Samosir Regency, North Sumatra in 2023.

Keywords : Immunization, Toddlers , Support family

INTRODUCTION

Immunization involves introducing weak antigens to stimulate antibodies so that the body can be resistant to certain diseases. Advanced immunization is a repetition of basic immunization to maintain the level of immunity and to extend the protection period of children who have received basic immunization. Repeat immunization (booster) means providing immunity after basic immunization (Atikah Proverawati, 2019).

Based on the latest WHO data to date, the death rate for children under five due to diseases that can be prevented by immunization is still relatively high. There are 1.4 million under-five deaths per year, in Indonesia the incidence of under-five pneumonia is (18.85%). This shows that the results are far below the target, where the target is 90%. Under-five mortality rate (AKABA) is the number of children who die before reaching the age of 5 years expressed as a rate per 1,000 live births (WHO, 2018).

UNICEF said that 19.5 million children under five around the world have not received complete immunization services. As a result, 2 -3 million deaths, and 30% of deaths due to diseases that can be prevented by immunization. On average in ASIAN countries 89% receive immunization. There are around 32,007 deaths per year including those caused by diseases that can be prevented by immunization, such as Diphtheria, Tetanus, Tuberculosis, Polio, Measles and Pertussis (UNICEF, 2019).

The husband's role in supporting successful breastfeeding can begin during pregnancy, namely by increasing readiness to face the birthing process. The husband has the role of providing support and calm for mothers who are breastfeeding, such as acting as a liaison in breastfeeding by bringing the baby to the mother, because that way the baby can know that the father is a bridge for him in getting food. Apart from playing a role in meeting clothing and food needs, husbands also play a role in helping the wife's tasks run smoothly, such as changing diapers or providing support when breastfeeding by massaging the wife's back (Astutik, 2017).

METHOD

This research is an analytical observational study using a cross sectional design. This research aims to analyze "The Relationship between Family Support and Advanced Dpt-Hb-Hib (Pentavalent) Immunization Completeness for Toddlers at the Lumban Julu Community Health Center, Toba Samosir Regency, North Sumatra in 2023".

The population in this study were all mothers with children under five who made 31 Advanced Dpt-Hb-Hib (Pentavalent) Immunization visits to the Lumban Julu Community Health Center, Toba Samosir Regency, North Sumatra.

person. Sampling uses total sampling. Instrument research used _ researcher in data collection is questionnaire .

Secondary data includes descriptive data location study namely data about Lumban Julu Community Health Center , Toba Samosir Regency, North Sumatra in 2023, including geographic data , demographics , number mother who has 18 month old baby , supporting immunization data analysis from primary data .

Data collection was carried out with use questionnaire and KIA book . Questionnaire is something tool data collection carried out with distribute a list of questions in the form of form , submitted in a way written to respondents For get response , information , answer and so on. Analysis univariate used For obtain description distribution frequency variables studied . _ Analysis bivariate done with using the chi-square test with level significance $\alpha = 0.05$. If p value < 0.05 then H_0 is rejected and if p value > 0.05 then H_0 fails rejected .

According to assumption researcher support family is one of factor important For completeness immunization Because support family will encourage parents _ For do possible immunization _ protect children _ _ or adults _ For oppose disease dangerous infection . _ Support family realized with give support information , support assessment / reward , instrumental support and support emotional / empathy. Support family can realized with

give attention , attitude empathy , giving encouragement , giving advice, giving knowledge and so on .

Based on results interview researcher with officer health that is midwife , inside give counseling , members family has invited For follow as well as For get information about Immunization Advanced Dpt -Hb-Hib (Pentavalent) but they often No attend it . Possible phenomenon this is what happened reason Why support informational influential to giving Immunization Advanced Dpt -Hb-Hib (Pentavalent) but own negative value . _ That enhancement giving support informational to giving Immunization Advanced Dpt -Hb-Hib (Pentavalent) will lower giving Immunization Advanced Dpt -Hb-Hib (Pentavalent) at Lumban Julu Community Health Center, Toba Samosir Regency, North Sumatra or in other words have small chance _ For improved .

RESULTS AND DISCUSSION

Based on activity study obtained results as following :

Analysis Univariate

Distribution of Respondent Characteristics at Lumban Julu Community Health Center, Toba Samosir Regency, North Sumatra in 2023

No	Karakteristic	Respondent	Frequency	Percentage (%)
Age				
1	21-35 years old	18	18	58.1
2	> 35 years	13	13	41.9
Education				
1	Junior High School	6	6	19.4
2	Senior High School	20	20	64.5
3	College	5	5	16.1
Work				
1	IRT	7	7	22.6
2	Self-employed	24	24	77.4
Total		31	31	100.0

Based on the results of univariate analysis, it shows that the characteristics of respondents based on the age of the majority in the interval range of 21-35 years amounted to 18 people (58.1%), the majority of respondents' education was high school at 20 people (64.5%) and the majority of respondents' occupation was self-employed at 24 people (77.0%).

Distribution of Frequency of Providing Advanced Dpt-Hb-Hib (Pentavalent) Immunization to Toddlers at Lumban Julu Community Health Center, Toba Samosir

No	Giving Immunization Advanced Hb-Hib (Pentavalent)	Frequency	Percentage (%)
	Incomplete	20	64.5
	Complete	11	35.5
Total		31	100.0

Regency, North Sumatra in 2023.

Based on univariate analysis, it shows that in the frequency distribution of Dpt-Hb-Hib (Pentavalent) follow-up immunization, the majority were incomplete at 20 people (64.5%) and the minority who received complete follow-up immunization was 11 people (35.5%).

Distribution Frequency Support Family With Completeness Immunization Advanced Dpt -Hb-Hib (Pentavalent) in Toddlers at Lumban Julu Community Health Center , Toba Samosir Regency, North Sumatra in 2023

No	Family Support With Giving Advanced Dpt-Hb-Hib (Pentavalent) immunization	Frequency	Percentage (%)
1	Not enough	13	41.9
2	Enough	11	35.5
3	Good	7	22.6
Total		31	100

Based on results analysis univariate show that distribution frequency support family about giving immunization measles in the village Sihitang Subdistrict Padangsidempuan Tenggara In 2019 the majority not enough that is amounting to 13 people (41.9%) and the minority got it support family with Good reached 7 people (22.6%).

BIVARIATE ANALYSIS

1. Relationship Support Family With Completeness Immunization Advanced Dpt -Hb-Hib (Pentavalent) in Toddlers at Lumban Julu Community Health Center , Toba Samosir Regency, North Sumatra in 2023

No	Family support	Giving Dpt-Hb-Hib (Pentavalent) Advanced Immunization				Total	%	<i>p value</i>
		No Complete		Complap				
		N	%	n	%			
1	Not enough	11	35.5	2	6.5	13	100.0	*0.044
2	Enough	7	22.6	4	12.9	11	100.0	
3	Good	2	6.5	5	16.1	7	100.0	
Amount		20	64.5	11	36.5	31	100	

Test Analysis $p < \alpha = 0.05$

From table seen of 13 people with knowledge not enough there were 11 people (35.5%) who did not complete immunization advanced and 2 people (6.5%) complete immunization advanced, knowledgeable Enough there were 11 people who didn't complete immunization advanced there were 7 people (22.6%) and 4 people complete (12.9%), and those with knowledge Good there are 7 people who don't complete immunization continued 2 people (6.5%) and complete immunization continued 5 people (16.1%).

Analysis results chi square test statistics were obtained $p \text{ value} : 0.044 < \alpha : 0.05$ so H_0 is rejected and H_a is accepted that is There is Connection Support Family With Completeness Immunization Advanced Receive -Hb-Hib (Pentavalent) in toddlers at the Lumban Julu Community Health Center, Toba Samosir Regency, North Sumatra in 2023.

According to assumption researcher support family is one of factor important

For completeness immunization Because support family will push parent _ For do possible immunization _ protect children _ _ or adults _ For oppose disease dangerous infection . _ Support family realized with give support information , support assessment / reward , instrumental support and support emotional / empathy. Support family can realized with give attention , attitude empathy , giving encouragement , giving advice, giving knowledge and so on

Based on results interview researcher with officer health that is midwife , inside give counseling , members family has invited For follow as well as For get information about Immunization Advanced Dpt -Hb-Hib (Pentavalent) but they often No attend it . Possible phenomenon this is what happened reason Why support informational influential to giving Immunization Advanced Dpt -Hb-Hib (Pentavalent) but own negative value . _ That enhancement giving support informational to

giving Immunization Advanced Dpt -Hb-Hib (Pentavalent) will lower giving Immunization Advanced Dpt -Hb-Hib (Pentavalent) at Lumban Julu Community Health Center, Toba Samosir Regency, North Sumatra or in other words have small chance _ For improved .

CONCLUSION

Based on results research that has been done , then can concluded that :

1. Characteristics of respondents age majority is at 18 people (48.6 %) were in the 21-35 interval , education respondents 20 people (54.1%) were high school and employment majority self-employed as many as 24 people (64.9%).

2. Family Support majority are in the category not enough as many as 13 people (35.1%) and level minority respondents are in the category Good as many as 7 people (18.9%).

3. Providing immunizations advanced Dpt -Hb-Hib (Pentavalent) majority are in the category No complete as many as 20 people (54.1) and level minority respondents are in the category complete as many as 11 people (29.7%).

4. Analysis results chi square test statistics were obtained p value : $0.044 < \alpha$: 0.05 so H_0 is rejected and H_a is accepted that is There is Connection Support Family With Completeness Immunization Advanced Receive -Hb-Hib (Pentavalent) in toddlers at the Lumban Julu Community Health Center, Toba Samosir Regency, North Sumatra in 2023.

For increase knowledge Mother about immunization Advanced Dpt -Hb-Hib (Pentavalent) is expected to be more the more routine do counseling direct to public besides using print media as well as external media room about benefit immunization measles to increase add outlook

public to immunization so that achievements immunization Advanced Get -Hb-Hib (Pentavalent) at the Lumban Julu Community Health Center , Toba Samosir Regency, North Sumatra . achieved according to target.

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