



Relationship of knowledge and attitude of pregnant women with compliance consuming blood tablets at puskesmas koto baru, dharmasraya regency in 2022.

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ABSTRACT

Blood Supplement Tablets (Fe) are gift substance iron -shaped folate _ tablets, each tablet 60 mg elemental iron and 1.25 mg acid folate , which is given by the government to mothers pregnant for resolve anemia in mother pregnant , substance this required in hemopoiesis (formation of blood) , i.e in synthesis of hemoglobin Hb. Study this was conducted in May 2022. Through data analysis with statistical test using the chi-square test with mother pregnant totaling 47 mothers pregnant obtained results respondent mother pregnant part big mother knowledgeable not enough namely 28 people (59.6%) . Based on statistical test results with obtained p- value = 0,2008 (P value < 0,05) means no there is meaningful relationship _ Among knowledge with take extra tablets blood in the work area Public health center koto new districts dharmasraya 2022. Based on statistical test results obtained _ p- value = 0.308 > 0.005 means there is no there is meaningful relationship _ Among attitude mother with obedience take extra tablets blood in the work area Public health center koto new year 2022. Conclusion from study this is Most _ mother pregnant have lack of knowledge about taking extra tablets blood almost whole mother pregnant have attitude negative about take extra tablets blood and not there is meaningful relationship _ Among knowledge mother pregnant with obedience take extra tablets blood and not there is meaningful relationship _ Among attitude mother pregnant with obedience take extra tablets blood (one blank single space line, 9 point font)

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1. Introduction

Pregnancy is a natural process , however if not noticed _ with good During pregnancy so detection early complications for the fetus and mother not known _ so that required something effort from mother and family with method check pregnancy minimum four times during pregnancy to get information health (Dartiwen 2019) According to the World Health Organization (WHO) 2019, states estimated 29.9% (95 %) mothers pregnant women worldwide suffer from anemia . in women no pregnant age fertile who are affected by anemia , namely: as much as 29.6%, while in women pregnant that is as much as 36.5%. since year 2000, Global prevalence of anemia in women age fertile experience deceleration , while prevalence of anemia in mothers pregnant a little decreased . Based on data in Indonesia, the prevalence of anemia in mothers pregnant still very high namely 37.1% of Indonesia. In developing countries , one from two mother pregnant anemia is thought to be . Anemia becomes problem health heavy if prevalence more

than 40% in an area. pregnant women need get attention special , because mother pregnant is vulnerable group _ for problem nutrition . one _ problem lots of nutrition happened to mom pregnant is anemia, which is problem nutrition macro biggest and 2nd hardest overcome around the world. pregnant women said have pregnancy anemia if hemoglobin (Hb) levels less than 11 g% (Aminin & Dewi, 2020) According to The Ministry of Health of the Republic of Indonesia in 2010 in Indonesia recorded amount mother 11,300 pregnant women with anemia or 700 % of mothers pregnant suffering from anemia, 1,074 mothers pregnant with deficiency anemia _ During pregnancy . This is supported by data from service healthprovince Sumatra north in 2016 which shows amount scope giving iron tablets to the mother pregnant no achieved with target or government program , amount mother pregnant taking iron tablets _ as much as 61.7%. According to the District Health Office Karimun year 2018, coverage Supplementation tablet administration iron or administration of additional tablets blood is one _ effort important in prevent and treat anemia, especially deficiency anemia iron . Obedience in take iron tablets is obedience mother pregnant doing suggestion officer health for taking substance tablets iron . Obedience taking substance tablets iron is measured from accuracy number of tablets consumed , accuracy method taking substance tablets iron , frequencyconsumption per day . Disobedient mother pregnant taking substance tablets iron could have more opportunities _ big for affected by anemia (Yanti, 2017). Supplementation iron or administration of additional tablets blood is one _ effort important in prevent and treat anemia, especially deficiency anemia iron . Obedience in take 3 iron tablets is obedience mother pregnant doing suggestion officer health for taking substance tablets iron . Obedience taking substance tablets iron is measured from accuracy number of tablets consumed , accuracy method taking substance tablets iron , frequency consumption per day . Disobedient mother pregnant taking substance tablets iron could have more opportunities _ big for affected by anemia (Yanti, 2017). At the moment pregnancy , need oxygen increase so that production erythropoietin in the kidney is also increased . As a result , cells blood red (erythrocytes) will increase as much as 20-30%. However enhancement this no comparable with progressive increase in plasma volume , i.e by 40-45%, so that hemodilution process occurs _ _ blood) which causes drop Hb concentration . because _ Therefore , the risk of anemia increases together with pregnancy , so mother pregnant need substance iron double _ _ To use Fulfill needs mother and growth fetus . Prevention could conducted with sufficient needs nutrition During pregnancy . One of the government programs in Indonesia to prevent anemia in pregnancy is gift supplementation free iron through Health Center and Integrated Healthcare Center with distribute iron tablets containing 60 mg of elemental iron for at least 90 days During pregnancy . (Erwin et al., 2017) According to Rahmawati and Subagio, non- compliance mother pregnant in taking Substance tablets iron in accordance suggestion officer health is something impact from ignorance they about importance intake substance enough iron _ moment pregnancy . In addition to knowledge , another factor that really holds role important in obedience is attitude mother pregnant . 4 pregnant women who have good attitude _ will understand that importance check pregnancy to service health and consuming iron tablets (Erwin et al., 2017)

2. Research Method

Research design this is descriptive analytic with method cross- sectional study, which is doing data collection at one time time (point time approach). Where is the researcher gather information from midwife about visit K3 to mother pregnant and asking to mother pregnant about obedience mother in take extra tablets blood at the Koto Baru Health Center , where obedience take extra tablets blood dependent variable and Knowledge and attitude mother pregnant independent variable .

3. Results and Discussion

Table 1 Distribution Frequency Knowledge of Pregnant Women About Consuming additional tablets blood

Attitude mother pregnant	Frequency (n)	Percentage (%)
Good	6	12.8
Just	13	27.7
Less	28	59.6
Total	47	100

Based on Table 2 of 47 respondents mother 3rd trimester pregnant whole mother third trimester of pregnancy have attitude Positive namely 24 people (51.1 %).

Table 2 Distribution Frequency Attitude of Pregnant Women About Taking Blood Increase Tablets

Attitude mother pregnant	Frequency (n)	Percentage (%)
Positive	23	51.1
Negative	24	48,9
Total	47	100

Table 3 Distribution Frequency Obedience Taking Tablets Add Blood

Obedience consume	Frequency (n)	Percentage (%)
Obey	23	51.1
Disobedient	24	48.9
Total	47	100

Based on Table 3 of 47 respondents almost whole mother third trimester pregnant obey consuming tablets plus blood 24 respondents (48.9 %).

Table 4 Connection Knowledge with Obedience Consuming Blood Add Tablet

Hubungan Pengetahuan	Kepatuhan mengkonsumsi tab let tambah darah				Total		P value
	Patuh		Tidak Patuh		F	%	
	F	%	F	%			
Baik	4	8,5	2	4,3	6	12,8	0,208
Cukup	4	8,5	9	19,1	13	27,7	
Not enough	16	34.0	12	25.5	28	59.6	
Total	24	51.1	23	48.9	47	100	

Based on table 4.4 is obtained of 47 respondents mother pregnant obedience take extra tablets blood that is with lack of knowledge as many as 16 (34.0%), while almost half mother pregnant no obey

take extra tablets blood namely 12 people (25.5%) with less knowledge . _ Based on statistical test results with using Fisher's exact test obtained score p-value = 0,2008 (P value < 0,05) means no there is meaningful relationship _ Among knowledge with take extra tablets blood in the work area Public health center koto new districts Dharmasraya 2022.

Table 5 Relationship Attitude With Obedience Taking Tablets Add

Sikap Ibu Hamil	Kepatuhan mengkonsumsi tab let tambah darah				Total		P value
	Patuh		Tidak Patuh		F	%	
	F	%	F	%			
Positif	14	29,8	10	21,3	24	51,1	0,308
		51,1			47	100	
Total			23		24		

Based on table 4.5 obtained of 47 respondents mother pregnant part small obedience take extra tablets blood namely 14 people (29.8%) with attitude Positive , while part big mother pregnant no obey take extra tablets blood with the number of 13 people (27.7%). Based on statistical test results with using the chi square test , we get p- value = 0.308 > 0.005 means there is no there is meaningful relationship _ Among attitude mother with obedience take extra tablets blood in the work area Public health center koto new 2022 .

4. Discussion

Distribution Frequency Mother 's Knowledge of Blood Enhancement Tablets in the Work Area Koto Baru Health Center Regency Dharmasraya 2022

Based on table 4.1 of 47 respondents mother partially pregnant third trimester big mother knowledgeable not enough namely 28 people (59.6 %) . This thing in line with study Fitria (2018) about connection compliance consuming Fe tablets which were examined at the puskesmas expanse silver with respondents are obtained results study that majority researched respondents _ have level knowledge not enough as many as 11 respondents (36.8 %) . Knowledge possessed _ somebody is very important factor in interpreting the stimulus we earn . But level knowledge not yet of course reflect attitude somebody in act , what when mother pregnant know and understand benefit take extra tablets blood During pregnancy for herself and her fetus so will have behavior good health.

According to assumption researcher lack of knowledge mother pregnant about take extra tablets blood because lack of desire mother for take extra tablets blood and lack of desire know mother will importance take extra tablets blood During pregnant so that still many have n't knowing method take extra tablets good and true blood. Distribution Frequency Attitude of Pregnant Women Consuming Extra Tablets.

Blood in the Work Area Koto Baru Health Center Regency Dharmasraya 2022

Based on Table 4.2 of 47 respondents mother 3rd trimester pregnant whole mother third trimester of pregnancy have attitude Positive namely 24 people (51.1 %) .

Attitude is is existing factors _ in self humans who can push or cause behavior / action certain , If someone mother pregnant have good attitude _ to the importance of extra tablets blood for pregnancy , then will give good behavior anyway __ take extra tablets blood until 9 months old or (28 – 40) weeks her pregnancy . This thing in line with study Rizqi (2016) in Mutiqurnia (2017) with title influencing factors _ obedience mother pregnant consuming Fe tablets at the Puskesmas Lime where obtained results that of the 98 respondents studied , as many as 61 respondents (62.2%) had attitude Positive and

37 respondents (37.8%) have attitude negative

According to assumption researcher, attitude positive indicated by the respondent prove that condition the environment you live in everyday is very influential attitude someone, plus with lack of information about health and influence from more media many preach Thing things considered _ more important compared health. Besides _ factor experience effective personality _ in pregnancy also tablet plus blood caused by low negative knowledge and attitude _ from respondents studied. _ Mother will obey To do something if knowledge about Thing the good and attitude mother will receive and implement something Thing if mother consider Thing the good and useful for himself and his family.

Distribution Frequency Compliance with Pregnant Women Taking Tablets Add Blood in the Work Area Koto Baru Health Center Year

This thing in line with study Juliyanti (2013) with title connection behavior with obedience mother pregnant in take extra tablets blood (fe) during pregnancy in the work area Public health center Meureubo Subdistrict Meureubo West Aceh District. Where is the majority respondents (62%) no obey in consume plus blood (fe) during pregnancy. obedience mother pregnant in take extra tablets blood is a behavior Notoatmodjo (2007) mentions that one _ influencing factors _ to realization behavior are enabling factors (factor supporters). many mothers pregnant that is not obey in take extra tablets blood, like no or forget consume plus blood and presence habit drinking coffee and tea by at the same time eat could lower absorption substance iron in that body caused benefit substance iron Becomes reduced.

Based on assumption researcher that low obedience mother pregnant in take extra tablets blood in doing something, Compliance mother take extra tablets blood in study this will increase with existence good reception and knowledge _ from respondents. This thing can obtained with existence help from party related for increase promotion about health specifically about tablet add blood.

Add Blood in the Work Area Koto Baru Health Center Regency Dharmasraya 2022

Based on table 4.4 is obtained of 47 respondents mother pregnant obedience take extra tablets blood that is with lack of knowledge as many as 16 (34.0%), while almost half mother pregnant no obey take extra tablets blood namely 12 people (25.5%) with less knowledge. _

Based on statistical test results with using Fisher's exact test obtained score p-value = 0,2008 (P value < 0,05) means no there is meaningful relationship _ Among knowledge with take extra tablets blood in the work area Public health center koto new districts dharmasraya 2022. Knowledge is one of the factors for the formation of behavior health. If mother pregnant know and understand benefit from take extra tablets blood During pregnancy for herself and her fetus so will have behavior good health _ so that expected could avoid from various consequence or risk happening disturbance pregnancy consequence deficiency substance iron contained in the tablet added blood Based on the results of Silvia Mona's research, it shows 69.0% of respondents have level lack of knowledge good about take extra tablets blood, other than it's 67.9% show attitude negative and 64.3% not obey take extra tablets blood, and not there is connection Among knowledge with obedience take extra tablets blood. According to assumption researchers, low obedience mother pregnant in take extra tablets blood During pregnancy is consequence lack of get information as well as knowing about importance take extra tablets blood During pregnancy. Besides _ lack of promotion and education from agency related also causes lack of knowledge mother about tablet add blood.

Attitude with Obedience Consuming Blood Add Tablets in the Work Area Koto Baru Health Center Regency Dharmasraya 2022.

Based on table 4.5 obtained of 47 respondents mother pregnant part small obedience take extra tablets blood namely 14 people (29.8 %) with attitude Positive, while part big mother pregnant no obey take extra tablets blood with the number of 13 people (27.7%). Based on statistical test results with using the chi square test, we get p- value = 0.308 > 0.005 means there is no there is meaningful relationship _ Among attitude mother with obedience take extra tablets blood in the work area Public health center koto new year 2022. According to Notoatmodjo (2010), someone who has positive attitude _ in To do something that is someone who has readiness or willingness in act and not is implementation of certain

motives, Where is the attitude is action activity, will but is position predisposition action something behavior. This thing different with research conducted by Marini (2010) where found no existence meaningful relationship _ Among attitude mother with obedience taking fe tablets During pregnancy. But study this in line with what to do Julianti (2013), where found no there is meaningful relationship _ Among attitude mother with obedience consume tablet iron (fe) during pregnancy. Based on Thing the above, then researcher interesting conclusion that attitude somebody no influence action somebody in doing something. Obedience mother take extra tablets blood in study that will increase with existence good reception and knowledge _ from respondents. This thing can obtained with existence help from party related for increase promotion about health specifically about tablet add blood According to assumption researcher, knowledge very influential mother to obedience take extra tablets blood Knowledge level compared to straight with obedience take extra tablets blood, meaning the more low knowledge respondent so obedience take extra tablets blood too will low. Vice versa _ if knowledge respondent tall so obedience take extra tablets blood will also increase.

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