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Factor Analysis Related to Knowledge and Adolescent Attitudes about Menarche

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Abstract: Menarche is a period when a woman experiences menstruation for the first time, the aims of this research is to find out how the relationship between knowledge and attitudes of adolescents about menarche. This study was an analytic observational study with a cross-sectional study approach. The population in this study were all female teenage students at SMPN 4 Pongtiku Makassar with a total of 582 people. The sample in this study was taken using a purposive sampling technique with 152 respondents. Most respondents were in early adolescence with 87 respondents and most respondents had a history of normal menarche age of 143 respondents. Most respondents have good knowledge about menarche namely 117 respondents and 35 respondents have less knowledge, Most respondents have a positive attitude about menarche, from the results of the study found 142 respondents have a positive attitude and 10 respondents have a negative attitude about menarche, adolescent knowledge about menarche in terms of adolescence and adolescent menarche age does not have a relationship. The knowledge and attitudes of teenage girl about menarche are already very good, adolescents who have good knowledge tend to have positive attitudes to enable adolescents to experience normal menarche age, good knowledge of 61 respondents and positive attitudes of 79 respondents at most in their early teens, at the age of menarche tarda Good knowledge 4 respondents and positive attitude of 4 respondents about menarche are very good.

Keywords: Knowledge; attitude; adolescence; menarche

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I. Introduction

Menarche is a period where a woman experiences her first menstruation. The physiological process experienced is in the form of decay of the endometrial lining which results in the discharge of blood from the vagina (Jemie S, 2008). Age of menarche itself occurs at vulnerable ages 10-16 years and age 12-14 years is the most normal period to occur (Nagar, S., and Aimol R, 2010).

WHO in the year 2019, the world population is currently at 7.7 billion (Worldometers, 2019). The number of adolescents in the world currently reaches approximately 1.2 billion. In Southeast Asia, the number of adolescents ranges from 18% to 25% of the entire population (Anwar C et al. 2017). The population of adolescents in Indonesia reaches 30% of Indonesia's population of 267 million and 30% of the population are young girls (Central Statistics Agency, 2020).

The research results of Anwar C et al in Banda Aceh in 2016, there is a relationship between knowledge and readiness of adolescents in the face of menarche 52.3% of girls who have good knowledge about menstruation tend to be more positive in dealing with menarche and 74.5% are less ready to be negative. According to Fajria and Desi (2014), the source of knowledge influences the status of adolescent menarche. Hadriyanti M (2019) in a qualitative research study found that unlimited knowledge gained by adolescents was the biggest trigger of precursion menarche in adolescents.

Researchers assume that each adolescent has their own mindset and different reactions about menarche, some are positive and some are negative. If they have a positive attitude with good knowledge they will be able to understand and accept the period of menarche as normal. If adolescent attitudes are negative they will have physiological and psychological complaints caused by the knowledge gained is very lacking. Not many previous studies have looked specifically at how the relationship of knowledge and attitudes of adolescents about menarche to menarche age and adolescence, adolescents' knowledge and attitudes will greatly influence how it



will be in the future. The aims of this study were to find out how the relationship between knowledge and attitudes of adolescents about *menarche* based on the age of *menarche*.

II. Methods

This research is a quantitative, observational analytic study with a cross-sectional study approach, namely research that emphasizes measurement or observational once at a time carried out on the dependent variable and the independent variable, (Dahlan M.S., 2014).

This approach is used to see the relationship or relationship between one variable with another variable. This study aims to analyze factors related to the knowledge and attitudes of teenage girl about *menarche*. This research was conducted at SMPN 4 Pongtiku Makassar in January 2020 to February 2020. The population in this study were all teenage girl students at SMPN 4 Pongtiku Makassar, amounting to 582 people. The sample in this study was taken using a purposive sampling technique (Ernawati et al., 2019), using the Slovin formula (Riyanto, 2011) to determine the sample size, the sample must meet the inclusion and exclusion criteria with a total sample of 152 respondents.

This study uses a questionnaire to determine the relationship between knowledge and attitudes of adolescents about *menarche*. The presentation of data is made using a frequency distribution table and a 2 x 3 contingency table accompanied by an explanation. Data analysis consisted of univariate and bivariate analyzes.

III. Results

Based on the class of respondents, the proportion is class VII (49%), Class VIII (30%), class IX (21%).

Univariate Analysis

Table 1. The frequency distribution of respondents by age is divided into 2 namely early adolescents and middle adolescents at SMPN 4 Pongtiku Makassar city

No.	Age	Frequency (n)	Percentage (%)
1.	Early teens	87	57
2.	Mid teens	65	43
Total		152	100

Source: The results of the analysis, 2020

Table 1 show that the majority of respondents were in early adolescence with a total of 87 respondents.

Table 2. The frequency distribution of respondents based on the age of Menarche divided into 3 namely precocious, normal and tarda at SMPN 4 Pongtiku Makassar

Menarche age	Frequency (n)	Percentage (%)
Precoc	5	3,3
Normal	143	94
Tarda	4	2,7
Total	152	100

Source: The results of the analysis, 2020

In table 2 it is explained that there were 143 (94%) respondents who were the most respondents with normal *menarche* age.

Table 3. Frequency distribution of adolescent knowledge about *menarche* (teenagers) at SMPN 4 Pongtiku Makassar

Knowledge	Adolescent age		Total frequency	Percentage (%)
	Early adolescent	Mid adolescent		
Good	61	56	117	77
Less	26	9	35	23
Total	87	65	152	100

Source: The results of the analysis, 2020

Table 3 shows that good knowledge about early adolescent *menarche* was 61 (40%) of middle adolescent respondents 56 (37%) respondents. Furthermore, knowledge is lacking in 26 (17%) early adolescent respondents, and 9 (6%) middle adolescent respondents.



Factor Analysis Related to Knowledge and Adolescent Attitudes about Menarche

Table 4. Frequency distribution of adolescent attitudes about menarche (teenagers) at SMPN 4 Pongtiku Makassar

Attitude	Adolescent age		Total frequency	Percentage (%)
	Early adolescent	Middle adolescent		
Positive	79	63	142	93.4
Negative	8	2	10	6.6
Total	87	65	152	100

Source: The results of the analysis, 2020

Table 4 shows that positive attitudes about menarche in early adolescents were 79 (52%) respondents, middle adolescent 63 (41%) respondents. Furthermore, negative attitudes about early adolescent menarche were 8 (5.2%) respondents and in mid-teens, there were 2 (1.3%) respondents.

Table 5. Frequency distribution of adolescent knowledge about menarche (age of menarche) at SMPN 4 Pongtiku Makassar

Knowledge	Menarche age			Total Frequency	Percentage (%)
	Precoc	Normal	Tarda		
Good	3	110	4	117	77
Less	2	33	0	35	23
Total	5	143	4	152	100

Source: The results of the analysis, 2020

In table 5 above it can be seen that good knowledge about menarche at precocious menarche age there are 3 (22%) respondents, at normal menarche age there are 110 (72%) respondents and menarche tarda age there are 4 (2.7%) respondents, then less knowledge on precoc menarche age there are 2 (1.3%) respondents, normal age menarche there are 33 (22%) respondents and age menarche tarda 0 (0%) respondents.

Table 6. Frequency distribution of adolescent attitudes about menarche (age of menarche) at SMPN 4 Pongtiku Makassar

Attitude	Menarche age			Total frequency	Percentage (%)
	Precoc	Normal	Tarda		
Positive	5	133	4	142	93.4
Negative	0	10	0	10	7.0
Total	5	143	4	152	100

Source: The results of the analysis, 2020

In table 6 it can be seen that the positive attitude about menarche at the age of precocious menarche there are 5 (3.2%) respondents, at the age of normal menarche there are 133 (87%) respondents and the age of menarche tarda there are 4 (3%) respondents, then negative attitudes at the age of precocious menarche 0 respondents, the age of normal menarche there were 10 (7%) respondents and the age of menarche tarda 0 (0%) respondents.

Bivariate analysis results

Table 7. Factor analysis related to adolescent knowledge about menarche

Variable	Criteria	Menarche age						p values
		Precoc		Normal		Tarda		
		N	%	N	%	n	%	
Knowledge	Good	3	2.6	110	94.0	4	3.4	0.987
	Less	2	5.7	33	94.3	0	0.0	

Source: The results of the analysis, 2020

In table 7 it is shown that the significance value of 0.987 shows that $p > 0.05$ then there is no between adolescent knowledge about menarche and the age of menarche.



Table 8. Analysis of factors related to adolescent attitudes about menarche

Variable	Criteria	Menarche age				p values		
		Precoc		Normal		Tarda		
		N	%	N	%	N	%	
Attitude	Positive	5	3.5	133	93.7	4	2.8	0.414
	Negative	0	0.0	10	100.0	0	0.0	

Source: The results of the analysis, 2020

In table 8 it is known that the significance value obtained by the results of 0.414 shows that $p > 0.05$ then there is no relationship between adolescent attitudes about menarche and age of menarche.

IV. Discussion

Univariate Analysis

a. Age of respondent and age history of respondent's menarche

Most respondents were in their early teens with a history of normal menarche age.

b. Knowledge of respondents

Most respondents have good knowledge about menarche. So it can be said that the better the knowledge the better the attitude of adolescents about menarche, knowledge, and attitudes about menarche have a connection.

Knowledge is the result of "knowing" from humans who merely answer the question of 'what'. Knowledge occurs after a person senses a certain object, sensing itself occurs when there is a response or stimulation through the five senses, namely the sense of hearing, sight, smell, touch and taste, most of the human knowledge is obtained from the eyes and ears. Own Knowledge has six levels, namely know, understand (Comprehension), application, analysis, Synthesis, and evaluation.

c. The attitude of the respondent

Most respondents have a positive attitude about menarche and only a small proportion that have a negative attitude about menarche.

Researchers assume that the respondent's attitude is well seen from the results of the study that most respondents were positive about menarche.

Attitude is a reaction or response of someone who is still closed to the stimulation or object, the manifestation of that attitude cannot be directly seen but can only be interpreted first of the closed behavior, this attitude is a readiness or willingness to act and is not an implementation of certain motives.

Researchers are of the opinion that in general the attitudes of respondents at SMPN. 4 Pongtiku Makassar have been well seen from the many respondents who were positive about menarche.

Bivariate Analysis

a. The relationship between adolescent knowledge about menarche with menarche age

Most respondents with good knowledge have a history of normal menarche, but if presented, it can be seen that the percentage of adolescents with a history of normal menarche with less knowledge. Menarche sees or refers to the age of adolescent menarche.

It turns out that adolescent menarche knowledge does not determine the age of adolescent menarche either precocious, normal or tarda.

According to Notoatmojo, 2003 the factors that influence the knowledge of one of them are age so it is said that adolescent knowledge about menarche has a relationship with the age of adolescent menarche but based on the results of this study there is no relationship between adolescent knowledge about menarche with menarche age, the more knowledge about menarche does not make menarche last at a normal age and the less knowledge about menarche, the longer the age of menarche.

b. The relationship between adolescent attitudes about menarche with menarche age.

The results of this study note that there is no relationship between the attitudes of adolescents about menarche seeing or referring to the age of adolescent menarche, both the precursor menarche age and normal menarche age.

This study is in line with research conducted by Fiane de Frates in 2019 in elementary school grades 3-6 which states that respondents who have a good attitude are characterized by feeling happy facing menarche, not feeling afraid and embarrassed when experiencing menarche. Researchers assume that respondents with primary school level 3-6 are the age of precocious menarche.

This research is also in line with research conducted by Vemmy Veronica Yulia in 2010, stating that the main factor in menarche tarda age is general health (chronic/chronic disease) and genetic (history of menarche).



Other research that is in line with this research is a study conducted by Nuvita Lusiana in 2012 that factors related to the age of menarche are the history of maternal menarche age, nutritional status, and socioeconomic status.

Although attitudes have a big contribution to humans, both positive and negative attitudes do not affect the age of adolescent menarche. Adolescents who behave positively may not necessarily have a history of normal menarche age and adolescents who behave negatively about menarche also do not have a history of precancerous menarche or tarda.

V. Conclusion and Recommendation

The knowledge and attitudes of young women about menarche are already very good; adolescents who have good knowledge tend to have positive attitudes to enable adolescents to experience a normal age of menarche. Good knowledge 61 (70.1%) of respondents and positive attitude 79 (90.8%) of respondents at most in their early teens. There is no relationship between adolescent knowledge about menarche seen from the age of menarche with the p value of 0.987. There is no correlation between the adolescent sealing of menarche seen from the age of menarche with the p value of 0.414.

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Lampiran analisis data

MASTER TABEL PENELITIAN																																				
PENGETAHUAN														SIKAP																						
NO. RESPONDEN	UMUR (TH)	CODING	JENARCHE	CODING	P1	P2	P3	P4	P5	P6	P7	P8	P9	P10	P11	P12	P13	P14	TOTAL	KET	CODING	S1	S2	S3	S4	S5	S6	S7	S8	S9	S10	S11	TOTAL	KET	CODING	
1	14	2	14	3	0	1	1	1	0	1	1	1	0	1	0	1	1	1	10	B	2	4	3	3	4	2	2	4	4	3	4	4	37	P	2	
2	16	2	15	2	0	1	1	1	0	1	1	1	1	1	0	0	1	1	10	B	2	4	3	3	4	4	4	4	4	4	4	4	42	P	2	
3	15	2	11	3	0	1	1	1	0	1	1	1	0	1	1	1	1	1	11	B	2	4	3	3	4	2	2	4	4	3	4	4	37	P	2	
4	15	2	14	2	0	1	1	1	0	1	1	1	1	1	0	0	1	1	10	B	2	4	3	3	4	4	4	4	4	4	4	4	42	P	2	
5	16	2	13	3	1	0	1	1	0	0	1	1	0	1	1	1	1	1	10	B	2	3	3	3	3	4	3	4	4	3	3	2	35	P	2	
6	16	2	14	3	1	0	1	1	0	0	1	1	0	1	1	1	0	0	8	K	1	3	3	3	3	4	3	4	4	3	3	2	35	P	2	
7	15	2	13	3	1	0	1	1	1	0	1	1	0	1	1	1	0	1	10	B	2	4	3	4	4	4	4	4	4	4	4	4	43	P	2	
8	16	2	10	1	0	1	1	0	1	0	1	1	0	1	1	1	0	0	8	K	1	4	3	3	2	4	4	4	4	4	3	4	39	P	2	
9	15	2	13	3	1	1	1	1	0	0	1	1	0	1	0	0	0	0	7	K	1	4	3	3	4	4	4	4	4	4	3	4	41	P	2	
10	15	2	13	3	1	1	1	1	1	1	1	1	0	1	0	1	0	1	11	B	2	3	2	3	4	4	3	4	4	3	2	4	36	P	2	
11	15	2	14	3	1	1	1	1	0	1	1	1	0	1	0	1	1	1	11	B	2	4	4	3	4	4	4	4	4	3	4	3	41	P	2	
12	15	2	10	1	1	1	1	1	0	1	1	1	0	1	0	1	0	0	9	B	2	4	4	3	4	4	4	4	4	3	4	4	42	P	2	
13	16	2	10	1	0	1	1	1	1	0	1	1	0	1	0	1	0	1	9	B	2	4	4	3	4	4	4	3	4	4	4	4	4	42	P	2
14	15	2	13	3	1	1	1	1	0	0	1	1	0	1	1	1	0	0	9	B	2	4	3	4	4	4	4	4	3	3	4	4	41	P	2	
15	15	2	13	3	0	1	1	1	1	0	1	1	0	1	0	0	0	1	8	B	2	4	2	4	4	4	3	4	4	3	2	3	37	P	2	
16	15	2	13	3	1	1	1	1	0	0	1	1	0	1	1	0	0	1	9	B	2	4	3	3	4	3	4	4	4	4	3	3	39	P	2	
17	15	2	13	3	1	1	1	1	1	0	1	1	0	1	1	0	0	1	10	B	2	4	4	3	4	3	4	4	3	4	3	4	40	P	2	
18	15	2	9	1	1	1	1	1	0	0	1	1	0	1	0	0	0	0	7	K	1	4	3	4	3	3	3	4	4	3	3	3	37	P	2	
19	15	2	13	3	0	1	1	1	1	1	1	1	1	0	0	1	1	1	11	B	2	4	3	3	4	4	3	4	4	4	3	4	40	P	2	
20	15	2	13	3	0	1	1	1	1	1	1	1	0	1	1	1	0	1	11	B	2	4	2	3	4	4	3	4	3	3	3	4	37	P	2	
21	15	2	14	3	0	1	1	1	1	0	1	1	0	1	0	0	1	1	9	B	2	4	3	2	4	3	4	4	4	4	4	4	40	P	2	
22	15	2	12	3	0	0	1	1	0	0	1	1	0	1	0	1	1	1	8	B	2	4	4	3	4	4	4	4	4	4	4	4	43	P	2	
23	15	2	14	2	0	0	1	1	1	1	1	1	0	1	0	0	1	1	9	B	2	4	3	2	3	4	4	4	4	3	3	4	38	P	2	
		2	13	3	1	1	1	0	1	0	1	1	0	1	1	0	1	1	10	B	2	4	3	4	3	4	4	4	3	4	4	4	41	P	2	
		2	13	3	0	1	1	1	1	1	1	1	1	1	1	1	1	1	13	B	2	4	3	3	4	4	4	4	4	4	4	4	42	P	2	
		2	13	3	1	1	1	1	1	1	1	1	0	1	1	1	1	1	13	B	2	4	3	2	4	4	4	4	4	4	3	4	40	P	2	
		2	13	3	1	1	1	1	1	0	1	1	1	1	1	1	0	0	12	B	2	4	3	2	4	4	4	4	4	4	3	3	39	P	2	



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28	14	2	12	3	1	1	1	1	1	0	1	1	0	1	1	0	0	0	9B	2	4	3	3	4	4	3	4	4	4	3	2	38P	2
29	14	2	12	3	1	0	1	1	0	0	1	1	0	1	1	0	0	1	8B	2	4	3	2	4	4	3	4	4	4	3	3	38P	2
30	14	2	13	3	1	1	1	1	0	0	1	1	0	1	0	0	0	0	7K	1	4	3	4	4	4	4	4	4	3	2	3	39P	2
31	14	2	14	3	1	1	1	1	0	0	1	1	1	1	1	0	0	1	10B	2	4	3	3	4	4	4	4	3	4	4	40P	2	
32	15	2	14	3	1	1	1	1	1	1	1	1	0	1	1	1	1	1	13B	2	4	3	3	4	4	4	3	4	4	4	4	41P	2
33	15	2	12	3	1	1	1	1	1	1	1	1	0	1	1	1	1	1	13B	2	4	3	3	4	3	4	3	4	4	4	4	40P	2
34	14	2	12	3	1	0	1	1	1	1	1	1	0	1	1	0	1	1	11B	2	4	4	3	2	2	1	4	3	4	1	3	31N	1
35	14	2	14	3	1	1	1	1	1	1	1	1	0	1	1	1	1	1	13B	2	4	3	3	4	4	4	3	4	4	4	4	41P	2
36	14	2	12	3	1	1	1	1	1	1	1	1	0	1	1	0	1	1	12B	2	4	4	3	4	4	4	4	4	4	4	4	43P	2
37	15	2	14	3	0	1	1	1	1	1	1	1	1	1	1	0	0	1	11B	2	4	3	4	4	4	4	4	4	4	4	4	43P	2
38	15	2	15	2	1	1	1	1	1	1	1	1	0	1	1	0	1	1	12B	2	4	2	3	4	4	4	4	4	4	2	3	38P	2
39	14	2	13	3	1	0	1	1	0	1	1	1	0	1	1	0	0	1	9B	2	4	3	3	4	3	3	4	3	4	4	4	39P	2
40	14	2	12	3	1	0	1	1	1	1	1	1	0	1	1	1	1	1	12B	2	4	3	3	4	4	4	4	4	3	4	41P	2	
41	15	2	13	3	0	1	1	0	1	0	1	1	1	1	1	0	0	1	9B	2	4	3	3	4	4	3	4	4	4	3	3	39P	2
42	14	2	9	1	1	1	1	1	1	0	1	1	1	1	0	1	1	1	12B	2	4	3	3	4	3	3	4	4	4	4	3	39P	2
43	16	2	11	3	1	1	1	1	0	1	1	1	0	1	1	0	1	0	10B	2	4	3	3	4	4	4	4	3	4	4	3	40P	2
44	13	1	12	3	1	1	1	1	0	0	1	1	0	1	1	0	0	1	9B	2	4	3	3	4	4	2	4	4	4	3	4	39P	2
45	15	2	14	3	1	1	1	1	1	1	1	1	1	0	1	1	1	1	13B	2	3	3	4	2	3	3	3	4	4	3	2	34P	2
46	13	1	12	3	1	1	1	1	1	1	1	1	0	1	0	1	0	0	10B	2	4	3	1	4	3	3	4	4	3	3	3	35P	2
47	13	1	12	3	1	1	1	1	1	1	1	1	1	1	0	1	0	0	11B	2	3	4	3	4	3	3	4	3	3	2	4	36P	2
48	14	2	12	3	1	1	1	1	1	1	1	1	0	1	0	1	0	0	10B	2	4	2	1	4	3	3	3	4	4	3	1	32N	1
49	13	1	12	3	0	0	1	1	0	1	1	1	1	1	1	0	0	0	9B	2	4	2	2	4	4	2	4	3	4	3	2	34P	2
50	14	2	12	3	1	0	1	1	0	1	1	1	0	1	0	0	1	1	9B	2	4	4	3	3	4	4	4	4	3	4	41P	2	
51	13	1	13	3	1	0	1	1	1	1	1	1	1	1	0	0	1	1	11B	2	4	3	4	4	4	4	4	4	4	4	4	43P	2
52	13	1	12	3	0	0	1	1	1	1	1	1	1	1	0	0	1	1	10B	2	4	3	4	4	4	3	4	4	4	4	4	42P	2
53	14	2	13	3	1	0	1	1	0	1	0	1	0	1	0	0	1	1	8K	1	4	4	3	4	2	3	4	4	3	3	4	38P	2
			1	12	3	1	0	1	1	1	1	1	0	1	0	0	1	1	10B	2	4	3	3	4	4	3	4	4	4	3	4	40P	2
			2	11	3	1	0	1	1	0	1	1	1	0	1	1	0	1	10B	2	3	3	4	4	3	4	4	3	4	3	4	39P	2
			2	11	3	1	0	1	1	0	0	1	1	1	1	0	1	1	10B	2	4	3	3	4	4	4	4	4	3	4	4	41P	2
			1	13	3	1	1	1	1	1	1	1	0	1	0	1	1	1	12B	2	4	3	3	4	4	4	4	4	4	4	3	41P	2
			1	12	3	1	1	1	1	1	1	1	0	1	0	0	1	1	11B	2	3	3	4	4	3	4	4	4	4	3	4	40P	2



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59	13	1	12	3	1	0	1	1	0	1	1	1	1	1	0	0	1	1	10B	2	4	3	3	4	3	4	4	4	4	3	4	40P	2
60	14	2	12	3	1	1	1	1	1	1	1	1	0	1	0	0	0	1	10B	2	4	2	3	4	3	3	4	4	4	2	2	35P	2
61	14	2	12	3	1	1	1	1	1	1	0	1	1	1	1	0	0	1	11B	2	4	3	3	4	4	4	4	4	3	4	41P	2	
62	13	1	12	3	1	1	1	1	0	1	1	1	1	1	0	0	1	1	11B	2	4	3	4	4	4	4	4	4	4	4	43P	2	
63	13	1	13	3	0	0	1	1	1	1	1	1	0	1	0	0	1	1	9B	2	4	3	3	4	3	3	4	4	3	3	37P	2	
64	14	2	12	3	0	0	1	1	1	0	1	1	0	1	0	0	1	1	8K	1	3	3	3	4	3	3	4	4	3	3	4	37P	2
65	13	1	13	3	0	0	1	1	0	1	1	1	0	1	0	0	1	1	8K	1	3	3	3	4	3	3	4	4	3	3	3	36P	2
66	13	1	12	3	1	1	1	1	0	1	1	1	1	1	1	0	1	1	12B	2	4	3	4	4	4	4	4	4	3	4	42P	2	
67	13	1	12	3	1	1	1	1	0	1	1	1	0	1	0	0	1	1	10B	2	3	3	3	3	4	4	4	3	3	4	4	38P	2
68	14	2	11	3	1	1	1	1	0	1	1	1	0	1	0	0	0	1	9B	2	4	3	3	2	4	4	4	4	3	3	38P	2	
69	14	2	12	3	1	1	1	1	0	0	1	1	0	1	0	1	0	1	9B	2	4	3	3	2	4	4	4	4	2	4	38P	2	
70	14	2	11	3	1	1	1	1	1	0	1	1	0	1	0	0	0	0	8K	1	4	2	3	4	4	4	4	4	3	2	2	36P	2
71	13	1	12	3	1	1	1	1	0	0	1	1	0	1	0	1	0	0	8K	1	4	2	3	4	4	4	4	4	3	2	2	36P	2
72	13	1	12	3	1	1	1	1	0	0	1	1	0	1	0	0	0	0	7K	1	4	2	4	4	4	4	4	4	3	2	1	36P	2
73	13	1	13	3	1	1	1	1	1	1	1	1	1	1	1	0	0	1	12B	2	4	3	3	3	4	3	4	4	3	3	3	37P	2
74	13	1	14	3	1	1	1	1	1	1	1	1	1	1	0	0	0	1	11B	2	4	3	3	3	3	4	4	3	4	4	3	38P	2
75	14	2	11	3	0	1	1	1	0	1	1	1	1	1	0	1	0	1	10B	2	4	2	3	4	4	4	4	4	2	4	39P	2	
76	13	1	12	3	1	0	1	1	1	0	1	1	0	1	0	0	0	0	7K	1	4	2	2	3	4	3	4	4	3	2	3	34P	2
77	14	2	13	3	1	0	1	1	0	1	1	1	1	0	1	1	0	0	9B	2	4	2	3	4	4	2	4	4	2	2	35P	2	
78	14	2	12	3	1	0	1	1	0	1	1	1	0	1	0	0	0	0	7K	1	4	2	3	4	4	2	4	4	2	2	35P	2	
79	14	2	14	3	1	0	1	0	0	1	1	1	0	1	0	1	1	1	9B	2	4	3	3	4	3	3	4	4	4	4	4	40P	2
80	13	1	13	3	1	1	1	1	1	1	1	1	0	1	0	1	0	1	11B	2	4	3	4	4	4	2	4	4	2	2	37P	2	
81	14	2	13	3	1	1	1	1	1	1	1	1	0	1	1	0	1	1	12B	2	4	3	3	4	4	3	4	4	3	3	3	38P	2
82	14	2	11	3	1	0	1	1	0	0	1	1	0	1	1	1	0	1	9B	2	4	2	3	2	3	3	4	4	2	3	34P	2	
83	13	1	11	3	1	0	1	1	0	0	1	1	0	1	1	1	0	1	9B	2	4	2	3	2	3	3	4	4	3	3	35P	2	
84	13	1	13	3	1	1	1	1	0	1	1	1	0	1	1	0	0	1	10B	2	4	4	2	4	4	4	4	4	4	4	4	42P	2
		1	12	3	1	1	1	1	0	1	1	1	0	1	1	0	0	1	10B	2	4	4	3	4	4	4	4	4	4	4	4	43P	2
		1	13	3	0	1	1	0	1	0	1	1	1	1	0	0	0	0	7K	1	4	3	3	3	3	4	4	3	4	3	2	36P	2
		1	13	3	0	0	1	0	0	0	1	1	1	1	0	1	0	1	7K	1	4	3	3	3	2	3	4	4	3	4	37P	2	
		2	13	3	1	1	1	1	0	1	1	1	0	1	1	0	0	1	10B	2	4	4	3	4	4	4	4	4	4	4	4	43P	2
		1	13	3	1	1	1	1	1	0	1	1	0	1	1	1	0	1	11B	2	4	3	4	4	4	4	4	4	3	3	4	40P	2



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90	13	1	13	3	1	1	1	1	0	0	1	1	0	1	1	0	1	1	10B	2	4	3	2	1	2	3	4	4	3	3	3	32N	1
91	13	1	13	3	1	1	1	1	1	0	1	1	0	1	0	1	0	1	10B	2	4	2	4	4	4	4	4	4	4	2	3	39P	2
92	14	2	12	3	1	1	1	1	1	0	1	1	0	1	0	0	0	1	9B	2	4	2	4	4	4	4	4	3	3	2	3	37P	2
93	14	2	14	3	1	0	1	1	0	1	1	1	1	1	0	0	0	1	9B	2	4	4	3	3	3	3	3	3	3	3	3	35P	2
94	14	2	14	3	0	1	1	1	1	0	1	1	1	1	0	0	0	1	9B	2	4	3	3	4	4	3	4	4	3	3	2	37P	2
95	12	1	12	3	0	1	1	1	0	1	1	1	0	1	0	1	0	0	8K	1	3	3	4	2	4	3	4	3	4	3	2	35P	2
96	12	1	12	3	0	0	1	1	1	0	1	1	1	1	0	0	1	0	8K	1	3	3	4	2	4	3	4	3	4	3	2	35P	2
97	12	1	12	3	0	0	1	1	1	1	1	1	0	1	0	0	0	1	8K	1	3	2	3	3	3	3	3	3	4	2	4	33N	1
98	12	1	12	3	1	1	1	1	1	0	1	1	1	1	0	0	1	1	11B	2	4	3	3	4	4	4	4	3	4	3	4	40P	2
99	12	1	12	3	1	1	1	1	1	1	1	1	1	0	0	0	0	0	9B	2	4	3	3	4	3	3	4	3	4	3	4	38P	2
100	13	1	13	3	1	0	1	1	1	0	1	1	1	1	0	0	0	1	9B	2	3	3	4	3	4	4	4	3	3	2	4	37P	2
101	13	1	13	3	0	1	1	1	1	0	1	1	1	1	0	1	1	1	11B	2	4	4	4	4	4	3	4	4	3	4	3	41P	2
102	12	1	12	3	1	1	1	1	1	0	1	1	0	1	0	0	1	1	10B	2	4	3	3	4	3	4	4	3	3	3	4	38P	2
103	12	1	12	3	0	1	1	1	1	1	1	1	1	1	0	0	0	1	10B	2	4	3	3	2	3	3	4	3	4	2	2	33N	1
104	12	1	12	3	1	0	1	1	0	1	1	1	1	1	0	0	0	0	8K	1	4	3	2	4	3	3	4	4	3	4	3	37P	2
105	12	1	12	3	1	0	1	1	1	0	1	1	0	1	0	0	0	1	8K	1	4	3	4	3	2	4	4	3	3	4	4	38P	2
106	12	1	12	3	1	0	1	0	1	1	1	1	0	1	1	1	1	1	11B	2	4	4	4	4	4	4	4	4	4	4	3	43P	2
107	12	1	12	3	0	1	1	1	1	0	1	1	0	1	0	0	0	1	8K	1	4	2	3	4	3	3	3	3	3	3	4	35P	2
108	12	1	12	3	0	0	1	1	1	0	1	1	0	1	0	0	1	1	8K	1	4	4	3	2	4	3	4	4	4	3	3	38P	2
109	12	1	12	3	0	1	1	1	1	1	1	1	0	1	0	0	1	0	9B	2	4	3	4	4	4	4	4	4	3	3	3	40P	2
110	12	1	12	3	1	1	1	1	1	1	1	1	0	1	0	0	1	0	10B	2	4	4	4	4	4	4	4	4	4	4	3	43P	2
111	12	1	12	3	0	1	1	1	0	0	1	1	0	0	1	1	0	0	7K	1	3	2	4	4	4	2	4	4	4	4	3	38P	2
112	13	1	12	3	1	1	1	1	0	0	1	1	0	1	1	1	0	1	10B	2	4	3	3	4	4	3	4	4	4	3	4	40P	2
113	13	1	12	3	0	1	1	1	0	0	1	1	0	1	1	0	1	1	9B	2	4	3	3	4	4	3	4	4	4	4	3	40P	2
114	13	1	12	3	0	0	1	1	0	0	1	1	0	0	0	0	1	1	6K	1	4	1	3	4	4	2	4	3	4	4	3	36P	2
115	12	1	12	3	1	0	0	0	1	1	1	1	0	1	0	0	0	1	7K	1	3	3	4	3	3	4	4	3	3	4	3	37P	2
116	11	1	11	3	1	1	1	1	1	0	1	1	0	1	1	1	0	1	11B	2	4	3	3	4	4	2	4	4	4	3	4	39P	2
		1	11	3	1	1	1	1	0	1	1	0	0	0	0	0	0	0	6K	1	4	3	3	3	3	4	4	4	4	3	3	38P	2
		1	12	3	1	0	1	1	1	0	1	1	0	1	0	0	0	1	8K	1	4	2	3	4	4	4	4	4	4	4	4	41P	2
		1	12	3	1	0	1	1	0	0	1	0	0	0	0	0	0	0	4K	1	4	3	3	2	4	3	4	4	4	4	4	39P	2



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120	12	1	12	3	1	1	1	1	1	0	1	1	0	1	0	1	0	1	10B	2	4	3	3	3	4	2	4	4	4	3	3	37P	2
121	12	1	12	3	1	0	1	1	1	0	1	1	0	1	0	1	0	0	8K	1	4	3	3	2	3	4	4	3	3	4	1	34P	2
122	11	1	12	3	1	1	1	1	1	0	1	1	0	1	0	0	1	1	10B	2	4	3	4	4	4	3	4	4	4	2	40P	2	
123	12	1	12	3	1	1	0	1	0	0	1	0	0	0	1	1	0	0	6K	1	4	3	3	3	3	2	4	3	3	3	2	33N	1
124	12	1	12	3	1	1	1	1	0	0	1	1	0	1	0	1	1	1	10B	2	4	3	3	3	3	2	4	3	3	3	3	34P	2
125	12	1	12	3	1	1	1	0	1	0	1	1	1	1	0	0	0	1	9B	2	3	3	3	3	4	3	3	4	3	3	3	35P	2
126	12	1	12	3	1	1	1	0	1	1	1	1	1	1	0	0	0	1	10B	2	3	3	3	3	4	3	3	4	3	3	4	36P	2
127	12	1	12	3	0	1	1	1	0	1	1	1	0	0	0	0	0	0	6K	1	3	3	3	3	3	2	3	2	1	4	2	29N	1
128	12	1	12	3	1	1	1	1	1	0	1	1	0	0	0	0	1	0	8K	1	4	3	2	3	3	4	4	3	3	2	2	33N	1
129	12	1	11	3	1	0	1	1	1	0	1	1	1	1	0	1	0	1	10B	2	4	3	2	4	3	4	4	4	4	3	4	39P	2
130	12	1	12	3	1	0	1	1	1	1	1	1	1	0	1	0	0	0	9B	2	3	3	3	4	3	3	3	4	4	4	4	38P	2
131	12	1	12	3	1	0	1	1	1	1	1	1	1	1	0	0	1	1	11B	2	4	4	3	4	4	4	4	4	4	4	4	43P	2
132	12	1	12	3	0	1	1	1	1	0	1	1	1	1	0	0	1	1	10B	2	4	2	3	3	3	4	4	3	4	3	3	36P	2
133	13	1	12	3	1	1	1	1	1	0	1	0	1	1	0	0	1	1	10B	2	3	3	3	3	3	3	4	4	3	3	36P	2	
134	12	1	12	3	1	0	1	1	0	0	1	1	0	1	1	0	0	1	8K	1	4	3	3	4	4	3	4	4	4	3	4	40P	2
135	12	1	12	3	1	0	1	1	0	0	1	0	0	1	1	1	0	0	7K	1	4	4	3	3	3	4	3	3	4	3	2	36P	2
136	12	1	12	3	1	0	1	1	1	0	1	1	1	1	0	0	0	1	9B	2	4	3	2	4	3	4	4	4	4	3	4	39P	2
137	12	1	12	3	0	0	1	1	1	1	1	1	0	1	1	1	1	1	11B	2	4	3	3	4	4	4	4	4	3	3	4	40P	2
138	12	1	12	3	1	1	1	1	0	0	1	1	0	1	0	1	1	0	9B	2	4	3	4	3	3	4	4	3	3	4	3	38P	2
139	12	1	12	3	1	1	1	1	0	0	1	0	0	0	1	1	1	1	9B	2	4	3	3	4	3	3	4	3	2	3	4	36P	2
140	12	1	12	3	1	1	1	1	1	0	1	1	0	1	0	0	0	0	8K	1	3	3	3	3	3	3	3	3	3	3	3	33N	1
141	12	1	12	3	1	0	1	1	1	0	1	1	0	1	1	1	0	1	10B	2	4	3	3	4	4	4	4	4	4	3	4	41P	2
142	12	1	12	3	1	1	1	1	0	0	1	1	0	1	0	1	1	0	9B	2	4	4	3	4	3	4	4	3	4	4	4	41P	2
143	13	1	12	3	1	0	1	1	0	1	1	0	1	0	0	0	0	1	7K	1	4	3	3	4	2	4	4	4	4	3	4	39P	2
144	13	1	12	3	1	0	1	1	1	0	1	1	0	1	1	1	1	0	10B	2	4	4	3	4	4	4	4	4	4	3	2	40P	2
145	13	1	12	3	1	1	1	1	1	0	1	1	0	1	0	1	0	1	10B	2	3	4	3	4	4	4	4	4	4	4	4	42P	2
		1	12	3	1	0	1	1	1	0	1	1	0	1	0	1	0	0	8K	1	3	4	3	2	2	4	3	3	4	4	3	35P	2
		1	12	3	1	1	1	1	1	0	1	1	0	1	0	0	1	1	10B	2	3	4	3	2	3	3	3	4	4	4	1	34P	2
		1	12	3	1	1	0	1	0	0	1	0	0	0	1	1	0	0	6K	1	3	3	3	4	2	2	4	4	3	2	2	32N	1
		1	11	3	1	1	1	1	0	0	1	1	0	1	0	1	1	1	10B	2	4	3	4	3	3	3	3	4	4	3	2	36P	2



Optimization Software:
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150	12	1	12	3	1	1	1	0	1	0	1	1	1	1	0	0	0	1	9B	2	4	3	3	4	4	4	3	4	4	4	3	40P	2
151	11	1	11	3	1	1	1	1	1	0	1	1	0	1	0	0	1	1	10B	2	4	3	4	3	3	4	3	4	3	4	3	38P	2
152	11	1	11	3	1	0	1	1	1	0	1	1	0	1	0	1	0	0	8K	1	4	3	2	4	4	4	4	4	2	2	3	36P	2



Case Processing Summary

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
Pengetahuan Remaja tentang Menarche * Usia Menarche	152	100.0%	0	0.0%	152	100.0%

Pengetahuan Remaja tentang Menarche * Usia Menarche Crosstabulation

			Usia Menarche			Total
			Prekoks	Tarda	Normal	
Pengetahuan Remaja tentang Menarche	Kurang	Count	2	0	33	35
		% within Pengetahuan Remaja tentang Menarche	5.7%	0.0%	94.3%	100.0%
	Baik	Count	3	4	110	117
		% within Pengetahuan Remaja tentang Menarche	2.6%	3.4%	94.0%	100.0%
Total		Count	5	4	143	152
		% within Pengetahuan Remaja tentang Menarche	3.3%	2.6%	94.1%	100.0%



Sikap Remaja tentang Menarche * Usia Menarche Crosstabulation

			Usia Menarche			Total
			Prekoks	Tarda	Normal	
Sikap Remaja tentang Menarche	Negatif	Count	0	0	10	10
		% within Sikap Remaja tentang Menarche	0.0%	0.0%	100.0%	100.0%
	Positif	Count	5	4	133	142
		% within Sikap Remaja tentang Menarche	3.5%	2.8%	93.7%	100.0%
Total		Count	5	4	143	152
		% within Sikap Remaja tentang Menarche	3.3%	2.6%	94.1%	100.0%

Sikap Remaja tentang Menarche * Usia Remaja Crosstabulation

			Usia Remaja		Total
			Remaja Awal	Remaja Peretengahan	
Sikap Remaja tentang Menarche	Negatif	Count	8	2	10
		% within Sikap Remaja tentang Menarche	80.0%	20.0%	100.0%
	Positif	Count	79	63	142
		% within Sikap Remaja tentang Menarche	55.6%	44.4%	100.0%
Total		Count	87	65	152
		% within Sikap Remaja tentang Menarche	57.2%	42.8%	100.0%



Pengetahuan Remaja tentang Menarche * Usia Remaja Crosstabulation

			Usia Remaja		Total
			Remaja Awal	Remaja Perengahan	
Pengetahuan Remaja tentang Menarche	Kurang	Count % within Pengetahuan Remaja tentang Menarche	26 74.3%	9 25.7%	35 100.0%
	Baik	Count % within Pengetahuan Remaja tentang Menarche	61 52.1%	56 47.9%	117 100.0%
Total		Count % within Pengetahuan Remaja tentang Menarche	87 57.2%	65 42.8%	152 100.0%



Lembar hasil

Mann-Whitney Test

Ranks

	Pengetahuan Remaja tentang <i>Menarche</i>	N	Mean Rank	Sum of Ranks
Usia <i>Menarche</i>	Kurang	35	76.54	2679.00
	Baik	117	76.49	8949.00
	Total	152		

Test Statistics^a

	Usia <i>Menarche</i>
Mann-Whitney U	2046.000
Wilcoxon W	8949.000
Z	-.016
Asymp. Sig. (2-tailed)	.987

a. Grouping Variable:
Pengetahuan Remaja
tentang *Menarche*

Mann-Whitney Test

Ranks

	Sikap Remaja tentang <i>Menarche</i>	N	Mean Rank	Sum of Ranks
<i>Menarche</i>	Negatif	10	81.00	810.00
	Positif	142	76.18	10818.00
	Total	152		



Test Statistics^a

	Usia <i>Menarche</i>
Mann-Whitney U	665.000
Wilcoxon W	10818.000
Z	-.818
Asymp. Sig. (2-tailed)	.414

a. Grouping Variable: Sikap
Remaja tentang *Menarche*



Optimization Software:
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Lembar Kuesioner

Kuesioner

Pengetahuan dan Sikap

Dalam Rangka Penyusunan Tesis

Judul:

**“Analisis faktor terkait pengetahuan dan sikap remaja putri tentang
Menarche”**

Peneliti: Nurul Husnah

Nim P102172019



No. responden :

Alamat :

Tanggal :

Petunjuk pengisian :

1. Semua pertanyaan harus dijawab
2. Pilihlah salah satu jawaban yang paling sesuai

B. Pengetahuan medis

1. Menurut anda apa pengertian haid pertama
 - a. Haid yang datang pertama sekali dalam kehidupan seorang wanita
 - b. Haid yang teratur pada seorang wanita
 - c. Haid pertama pada satu siklus haid
2. Siklus normal menstruasi adalah ?
 - a. 21-35 hari
 - b. 32-34 hari
 - c. 35-40 hari
3. Untuk menjaga agar darah haid tidak mengganggu maka digunakan ?
 - a. Kain
 - b. Pembalut wanita
 - c. Kapas
4. Lamanya haid normal adalah ?
 - a. 3-7 hari
 - b. 9-10 hari
 - c. 1 bulan
5. Gejala gangguan haid akan normal pada saat ?
 - a. Haid dimulai dan setelah haid
 - b. Gizi terpenuhi
 - c. Pagi hari
6. Faktor yang mempengaruhi haid adalah *kecuali* ?
 - a. Hidup teratur
 - b. Nutrisi
 - c. Emosi
7. Haid pertama biasanya dimulai pada wanita normal pada usia ?
 - 12-15 tahun
 - 20-22 tahun
 - 18- 20 tahun



Kebersihan vagina

8. Pada saat haid sebaiknya membersihkan kemaluan dengan menggunakan ?
 - a. Tissue
 - b. Air bersih
 - c. Kain
9. Darah haid normal berwarna ?
 - a. Merah
 - b. Merah kekuning-kuningan
 - c. Merah kecoklatan
10. Ketika pertama kali haid, apa yang anda lakukan dengan pembalut/duk saudara tersebut ?
 - a. Membuangnya langsung tanpa mencuci terlebih dahulu
 - b. Dicuci/dibilas lalu dibuang ke tempat sampah
 - c. Dibiarkan saja
11. Berapa kali anda mengganti pembalut saat haid ?
 - a. 2-3 kali sehari
 - b. 4-5 kali sehari
 - c. 6-6 kali sehari

Psikologis

12. Gangguan ketegangan menjelang haid adalah *Kecuali* ?
 - a. Gelisah
 - b. Perut kembung
 - c. Nafsu makan bertambah
13. Bagaimana pengalaman saudara ketika pertama kali mendapatkan haid ?
 - a. Takut
 - b. Biasa saja, karena sudah tahu tentang haid
 - c. Membaca buku
14. Apa tanda-tanda jika saudara sudah datang bulan
 - a. Mudah emosi
 - b. Nafsu makan bertambah



c. Payudara mengeras atau sakit

C. Sikap

1. SS : Sangat Setuju
2. S : Setuju
3. TS : Tidak Setuju
4. STS : Sangat Tidak Setuju

I. Medis

No	Pernyataan	SS	S	TS	STS
1.	Ketika haid wanita wajib menggunakan pembalut				
2.	Pada saat haid pertama wanita merasa cemas				
3.	Haid biasa terjadi pada awal waktu datangnya haid dan hilang dalam beberapa hari				
4.	Haid dialami oleh semua wanita normal				
5.	Jika wanita haid teratur menandakan bahwa keadaan tubuhnya sehat				
6.	Setiap kali wanita haid akan merasakan nyeri pada perut, payudara, pinggang, dll				

II. Kebersihan vagina

No	Pernyataan	SS	S	TS	STS
7.	Pada saat haid wanita harus membersihkan vaginanya dengan bersih				
8.	Cara membersihkan alat kelamin yang sehat bisa menggunakan air				

III. Psikologis

No	Pernyataan	SS	S	TS	STS
9.	Haid menandakan dewasanya seorang perempuan				
10.	Perempuan yang mendapatkan haid pertama, pasti merasa ketakutan				
11.	Saat haid perempuan meningkat kemarahannya				



Persetujuan Responden

FORMULIR PERSETUJUAN

Yang bertanda tangan dibawah ini:

Nama :
Tanggal lahir/umur :
Alamat :
No. Hp :

Setelah mendengar/membaca dan mengerti penjelasan yang diberikan mengenai apa yang dilakukan pada penelitian dengan judul “**Analisis Faktor Pengetahuan dan Sikap Remaja Tentang *Menarche* di SMP Negeri 4 Pongtiku Makassar**”, maka saya bersedia berpartisipasi dalam penelitian ini. Saya mengerti bahwa pada penelitian ini maka ada beberapa pertanyaan-pertanyaan yang harus saya jawab, dan sebagai responden saya akan menjawab pertanyaan yang diajukan dengan jujur.

Saya menjadi responden bukan karena adanya paksaan dari pihak lain, tetapi karena keinginan saya sendiri dan tidak ada biaya yang akan ditanggungkan kepada saya sesuai dengan penjelasan yang sudah dijelaskan oleh peneliti.

Saya percaya bahwa keamanan dan kerahasiaan data yang diperoleh dari saya sebagai responden akan terjamin dan saya dengan ini menyetujui semua informasi dari saya yang dihasilkan pada penelitian ini dapat dipublikasikan dalam bentuk lisan maupun tulisan dengan tidak mencantumkan nama. Bila terjadi perbedaan pendapat dikemudian hari, kami akan menyelesaikannya secara kekeluargaan.

Makassar, Februari 2020

Responden

(_____)

Penanggung Jawab Penelitian :



: Nurul Husnah, S.ST
: Jl. Muslim Dg. Tutu Perum Batu Mas No.10, Kota Makassar
: 0852 4554 0792
: nurulfaiz8@gmail.com

Biodata peneliti utama

Data pribadi

Nama : NURUL HUSNAH
Tempat, tanggal lahir : MAKASSAR, 19 MEI 1990
Jenis kelamin : PEREMPUAN
Fakultas/jurusan : SEKOLAH PASCASARJANA/ ILMU KEBIDANAN
NIM : P102172019
Bidang Keahlian : KEBIDANAN

Riwayat pendidikan

No	Strata	Institusi	Tempat	Tahun Lulus
1	SD	SDN 170 TUPPU	Kab. Pinrang	2002
2	SMP	SMP NEGERI 1 LEMBANG	Kab. Pinrang	2005
3	SMA	SMA NEGERI 1 LEMBANG	Kab. Pinrang	2008
4	DIPLOMA III KEBIDANAN	PS DIII KEBIDANAN UMI	Kota Makassar	2011
5	DIPLOMA IV KEBIDANAN	POLTEKKES KEMENKES MAKASSAR	Kota Makassar	2012
6	S2 KEBIDANAN	UNIVERSITAS HASANUDDIN	Kota Makassar	Sedang berlangsung



Rekomendasi persetujuan etik



KEMENTERIAN PENDIDIKAN DAN KEBUDAYAAN
UNIVERSITAS HASANUDDIN
FAKULTAS KESEHATAN MASYARAKAT
KOMITE ETIK PENELITIAN KESEHATAN

Sekretariat :
Jl. Perintis Kemerdekaan Km. 10 Makassar 90245, Telp. (0411) 585658, 516-005,
Fax (0411) 586013E-mail : kepkfkmuh@gmail.com, website : www.fkm.unhas.ac.id

REKOMENDASI PERSETUJUAN ETIK

Nomor : 18153/WK4.14.7.1/TP.01-02/5020

Tanggal : 18 Februari 2020

Dengan ini Menyatakan bahwa Protokol dan Dokumen yang Berhubungan dengan Protokol berikut ini telah mendapatkan Persetujuan Etik :

No.Protokol	12220092067	No. Sponsor Protokol	
Peneliti Utama	Nurul Husnah	Sponsor	
Judul Peneliti	Analisis Faktor terkait Pengetahuan dan Sikap tentang Menarache		
No.Versi Protokol	1	Tanggal Versi	13 April 2018
No.Versi PSP	1	Tanggal Versi	13 April 2018
Tempat Penelitian	SMPN 4 Pongtiku Makassar		
Judul Review	<input type="checkbox"/> Exempted <input checked="" type="checkbox"/> Expedited <input type="checkbox"/> Fullboard	Masa Berlaku 18 Februari 2020 sampai 18 Februari 2021	Frekuensi review lanjutan
Ketua Komisi Etik Penelitian	Nama : Prof.dr.Veni Hadju,M.Sc,Ph.D	Tanda tangan	Tanggal
Sekretaris komisi Etik Penelitian	Nama : Nur Arifah,SKM,MA	Tanda tangan	Tanggal

Kewajiban Peneliti Utama :

1. Menyerahkan Amandemen Protokol untuk persetujuan sebelum di implementasikan
2. Menyerahkan Laporan SAE ke Komisi Etik dalam 24 Jam dan dilengkapi dalam 7 hari dan Laporan SUSAR dalam 72 Jam setelah Peneliti Utama menerima laporan
3. Menyerahkan Laporan Kemajuan (progress report) setiap 6 bulan untuk penelitian resiko tinggi dan setiap setahun untuk penelitian resiko rendah
4. Menyerahkan laporan akhir setelah Penelitian berakhir
5. Melaporakn penyimpangan dari protocol yang disetujui (protocol deviation/violation)
6. Mematuhi semua peraturan yang ditentukan



Surat izin penelitian

**KEMENTERIAN PENDIDIKAN DAN KEBUDAYAAN**
UNIVERSITAS HASANUDDIN
SEKOLAH PASCASARJANA
Jalan Perintis Kemerdekaan km. 10 Makassar 90245
Telp. : (0411) 585034, 585036 Fax. : (0411) 585868
E-mail : info@pasca.unhas.ac.id,http://pasca.unhas.ac.id

Nomor : *148* /UN4.20.3/PT.01.04/2020
Perihal : Permohonan Izin Penelitian
26 Februari 2020

Yth. **Kepala Sekolah SMPN 4 Pongtiku Makassar**
Kota Makassar

Dengan hormat disampaikan bahwa mahasiswa Sekolah Pascasarjana Universitas Hasanuddin yang tersebut dibawah ini :

Nama : **Nurul Husnah**
Nomor Pokok : P102172019
Program Pendidikan : Magister (S2)
Program Studi : Ilmu Kebidanan

Bermaksud melakukan penelitian dalam rangka persiapan penulisan tesis terkait dengan judul "**Analisis Faktor terkait Pengetahuan dan Sikap tentang Menarche**".

Sehubungan dengan hal tersebut, mohon kiranya yang bersangkutan diberikan izin untuk melakukan penelitian di instansi yang Bapak/Ibu pimpin.

Atas perkenan dan kerjasamanya diucapkan terima kasih.

*P*a.n. Dekan
Wakil Dekan Bidang Inovasi, Kemahasiswaan,
Kerjasama dan Komitran


Prof. Dr. Ing. Herman Parung, M.Eng.
NIP. 196207291987031001

Tembusan Yth:
1. Dekan SPs Unhas "sebagai laporan"
2. Mahasiswa yang bersangkutan
3. Peringgal





Lembar pernyataan telah melakukan penelitian



PEMERINTAH KOTA MAKASSAR
DINAS PENDIDIKAN
SMP NEGERI 4 MAKASSAR
Jln. Pongtiku No. 201 Makassar 90214 Telp. 452144
Website : www.smpneg4-makassar.sch.id



SURAT KETERANGAN
No. 096.a/SMPN4/421.3/III/2020

Yang bertanda tangan dibawah ini:

Nama : Drs. HUSAIN PATTA, M.M
NIP : 19660101 199412 1 003
Pangkat/Golongan : Pembina Tk.I/IV.b
Jabatan : Kepala Sekolah

Menerangkan dengan sebenarnya bahwa:

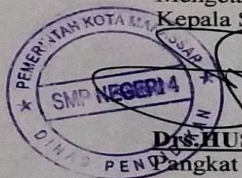
Nama : NURUL HUSNAH
NIM : P102172019
Jurusan : Ilmu Kebidanan
Institusi : Sekolah Pascasarjana Universitas Hasanuddin

Telah melakukan kegiatan penelitian pada siswa SMP Negeri 4 Makassar Kec. Tallo Kota Makassar dengan judul penelitian **Analisis faktor terkait pengetahuan dan sikap remaja tentang Menarche**, Pada tanggal 26 Februari – 02 Maret 2020.

Demikian surat keterangan ini diberikan untuk di pergunakan sebagaimana mestinya

Makassar, 02 Maret 2020

Mengetahui,
Kepala SMP Negeri 4 Makassar



Drs. HUSAIN PATTA, M.M
Pangkat : Pembina Tk.I
NIP : 19660101 199412 1 003

