

## LAMPIRAN

**Tabel Hasil Penelitian**

Kode Pretest	Kolesterol mg/dl	Trigliserida mg/dl	Kode Posttest	Kolesterol Mg/dl	Trigliserida Mg/dl
P1.1	93.38	81.22	P1.1	97.44	83.33
P1.2	91.99	79.48	P1.2	94.51	86.36
P1.3	90.59	75.11	P1.3	93.04	78.03
P1.4	87.80	70.74	P1.4	91.58	73.48
P1.5	89.20	69.87	P1.5	93.77	71.21
P2.1	89.90	68.12	P2.1	211.72	131.82
P2.2	87.80	71.62	P2.2	218.32	127.27
P2.3	94.77	74.24	P2.3	211.72	131.06
P2.4	92.68	75.98	P2.4	210.26	128.03
P2.5	90.59	70.74	P2.5	213.92	128.79
P3.1	98.26	82.10	P3.1	156.78	121.21
P3.2	96.86	81.22	P3.2	150.18	116.67
P3.3	98.95	83.84	P3.3	159.71	115.15
P3.4	96.17	77.73	P3.4	158.97	118.94
P3.5	90.59	74.24	P3.5	157.51	117.42
P4.1	93.38	77.73	P4.1	126.01	106.06
P4.2	91.99	75.11	P4.2	130.40	98.48
P4.3	89.90	71.62	P4.3	126.01	103.03
P4.4	90.59	74.24	P4.4	121.61	105.30
P4.5	98.26	79.48	P4.5	122.34	100.00
P5.1	95.47	69.00	P5.1	105.49	96.21
P5.2	89.90	72.49	P5.2	101.83	94.70
P5.3	95.47	70.74	P5.3	103.30	92.42
P5.4	96.17	73.36	P5.4	104.76	93.94
P5.5	89.20	76.86	P5.5	101.10	96.97

## HASIL ANALISIS TRIGLISERIDA

### Uji Normalitas

#### Case Processing Summary

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
Pretest Trigliserida	25	100.0%	0	.0%	25	100.0%
Posttest Trigliserida	25	100.0%	0	.0%	25	100.0%

#### Tests of Normality

	Kolmogorov-Smirnov <sup>a</sup>			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
Pretest Trigliserida	.104	25	.200*	.962	25	.452
Posttest Trigliserida	.116	25	.200*	.952	25	.280

\*. This is a lower bound of the true significance.

a. Lilliefors Significance Correction

### Kelompok Negatif

#### Statistics

		Sebelum	Sesudah
N	Valid	5	5
	Missing	0	0
Mean		75.2840	78.4820
Std. Deviation		5.07031	6.39672

#### Sesudah

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid 71.21	1	20.0	20.0	20.0
73.48	1	20.0	20.0	40.0
78.03	1	20.0	20.0	60.0
83.33	1	20.0	20.0	80.0
86.36	1	20.0	20.0	100.0
Total	5	100.0	100.0	

**Sebelum**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	69.87	1	20.0	20.0	20.0
	70.74	1	20.0	20.0	40.0
	75.11	1	20.0	20.0	60.0
	79.48	1	20.0	20.0	80.0
	81.22	1	20.0	20.0	100.0
Total		5	100.0	100.0	

**Paired Samples Statistics**

		Mean	N	Std. Deviation	Std. Error Mean
Pair 1	Sebelum	75.2840	5	5.07031	2.26751
	Sesudah	78.4820	5	6.39672	2.86070

**Paired Samples Correlations**

		N	Correlation	Sig.
Pair 1	Sebelum & Sesudah	5	.956	.011

**Paired Samples Test**

		Paired Differences					t	df	Sig. (2-tailed)
		Mean	Std. Deviation	Std. Error Mean	95% Confidence Interval of the Difference				
					Lower	Upper			
Pair 1	Sebelum - Sesudah	-3.19800	2.14942	.96125	-5.86686	-.52914	-3.327	4	.029

**Kelompok Positif**

**Statistics**

		Sebelum	Sesudah
N	Valid	5	5
	Missing	0	0
Mean		72.1400	129.3940
Std. Deviation		3.06376	1.96200

**Sebelum**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	68.12	1	20.0	20.0	20.0
	70.74	1	20.0	20.0	40.0
	71.62	1	20.0	20.0	60.0
	74.24	1	20.0	20.0	80.0
	75.98	1	20.0	20.0	100.0
Total		5	100.0	100.0	

**Paired Samples Statistics**

		Mean	N	Std. Deviation	Std. Error Mean
Pair 1	Sebelum	72.1400	5	3.06376	1.37015
	Sesudah	129.3940	5	1.96200	.87743

**Paired Samples Correlations**

		N	Correlation	Sig.
Pair 1	Sebelum & Sesudah	5	-.397	.508

**Sesudah**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	127.27	1	20.0	20.0	20.0
	128.03	1	20.0	20.0	40.0
	128.79	1	20.0	20.0	60.0
	131.06	1	20.0	20.0	80.0
	131.82	1	20.0	20.0	100.0
Total		5	100.0	100.0	

**Paired Samples Test**

		Paired Differences					t	df	Sig. (2-tailed)
		Mean	Std. Deviation	Std. Error Mean	95% Confidence Interval of the Difference				
					Lower	Upper			
Pair 1	Sebelum - Sesudah	-57.25400	4.24345	1.89773	-62.52293	-51.98507	-30.170	4	.000

## Kelompok Dosis 1 Kadar Triglicerida

### Statistics

		Sebelum	Sesudah
N	Valid	5	5
	Missing	0	0
Mean		79.8260	117.8780
Std. Deviation		3.83481	2.30982

### Sebelum

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	74.24	1	20.0	20.0	20.0
	77.73	1	20.0	20.0	40.0
	81.22	1	20.0	20.0	60.0
	82.10	1	20.0	20.0	80.0
	83.84	1	20.0	20.0	100.0
Total		5	100.0	100.0	

### Sesudah

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	115.15	1	20.0	20.0	20.0
	116.67	1	20.0	20.0	40.0
	117.42	1	20.0	20.0	60.0
	118.94	1	20.0	20.0	80.0
	121.21	1	20.0	20.0	100.0
Total		5	100.0	100.0	

### Paired Samples Statistics

		Mean	N	Std. Deviation	Std. Error Mean
Pair 1	Sebelum	79.8260	5	3.83481	1.71498
	Sesudah	117.8780	5	2.30982	1.03298

### Paired Samples Correlations

		N	Correlation	Sig.
Pair 1	Sebelum & Sesudah	5	-.133	.831

**Paired Samples Test**

		Paired Differences				t	df	Sig. (2-tailed)	
		Mean	Std. Deviation	Std. Error Mean	95% Confidence Interval of the Difference				
					Lower				Upper
Pair 1	Sebelum - Sesudah	-38.05200	4.73323	2.11676	-43.92908	-32.17492	-17.977	4	.000

**Kelompok Dosis 2 Kadar Triglicerida**

**Statistics**

		Sebelum	Sesudah
N	Valid	5	5
	Missing	0	0
Mean		75.6360	102.5740
Std. Deviation		3.06247	3.28548

**Sebelum**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	71.62	1	20.0	20.0	20.0
	74.24	1	20.0	20.0	40.0
	75.11	1	20.0	20.0	60.0
	77.73	1	20.0	20.0	80.0
	79.48	1	20.0	20.0	100.0
Total		5	100.0	100.0	

**Sesudah**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	98.48	1	20.0	20.0	20.0
	100.00	1	20.0	20.0	40.0
	103.03	1	20.0	20.0	60.0
	105.30	1	20.0	20.0	80.0
	106.06	1	20.0	20.0	100.0
Total		5	100.0	100.0	

**Paired Samples Statistics**

		Mean	N	Std. Deviation	Std. Error Mean
Pair 1	Sebelum	75.6360	5	3.06247	1.36958
	Sesudah	102.5740	5	3.28548	1.46931

**Paired Samples Correlations**

		N	Correlation	Sig.
Pair 1	Sebelum & Sesudah	5	-.151	.808

**Paired Samples Test**

		Paired Differences					t	df	Sig. (2-tailed)
		Mean	Std. Deviation	Std. Error Mean	95% Confidence Interval of the Difference				
					Lower	Upper			
Pair 1	Sebelum - Sesudah	-26.93800	4.81790	2.15463	-32.92021	-20.95579	-12.502	4	.000

**Kelompok Dosis 3 Kadar Triglicerida**

**Statistics**

		Sebelum	Sesudah
N	Valid	5	5
	Missing	0	0
Mean		72.4900	94.8480
Std. Deviation		2.96211	1.80966

**Sebelum**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	69.00	1	20.0	20.0	20.0
	70.74	1	20.0	20.0	40.0
	72.49	1	20.0	20.0	60.0
	73.36	1	20.0	20.0	80.0
	76.86	1	20.0	20.0	100.0
	Total	5	100.0	100.0	

### Sesudah

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid	92.42	1	20.0	20.0
	93.94	1	20.0	40.0
	94.70	1	20.0	60.0
	96.21	1	20.0	80.0
	96.97	1	20.0	100.0
Total		5	100.0	100.0

### Paired Samples Statistics

	Mean	N	Std. Deviation	Std. Error Mean
Pair 1 Sebelum	72.4900	5	2.96211	1.32470
Sesudah	94.8480	5	1.80966	.80930

### Paired Samples Correlations

	N	Correlation	Sig.
Pair 1 Sebelum & Sesudah	5	.372	.537

### Paired Samples Test

		Paired Differences					t	df	Sig. (2-tailed)
		Mean	Std. Deviation	Std. Error Mean	95% Confidence Interval of the Difference				
					Lower	Upper			
Pair 1	Sebelum - Sesudah	-22.35800	2.83894	1.26961	-25.88301	-18.83299	-17.610	4	.000

## Uji One Way Anova Kadar Trigliserida

### Descriptives

Trigliserida (mg/dl)

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
P1	5	3,2000	2,15371	,96317	,5258	5,8742	1,34	6,89
P2	5	57,2560	4,24250	1,89730	51,9882	62,5238	52,05	63,70
P3	5	38,0540	4,73787	2,11884	32,1712	43,9368	31,31	43,19
P4	5	26,9420	4,81819	2,15476	20,9594	32,9246	20,52	31,41
P5	5	22,3600	2,84321	1,27152	18,8297	25,8903	20,11	27,22
Total	25	29,5624	18,56221	3,71244	21,9003	37,2245	1,34	63,70



## ANOVA

Trigliserida (mg/dl)

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	7963,800	4	1990,950	130,326	,000
Within Groups	305,534	20	15,277		
Total	8269,334	24			

## POST HOC TEST KADAR TRIGLISERIDA

### Multiple Comparisons

Dependent Variable: Trigliserida (mg/dl)

LSD

(I) Kelompok	(J) Kelompok	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
P1	P2	-54,05600*	2,47198	,000	-59,2125	-48,8995
	P3	-34,85400*	2,47198	,000	-40,0105	-29,6975
	P4	-23,74200*	2,47198	,000	-28,8985	-18,5855
	P5	-19,16000*	2,47198	,000	-24,3165	-14,0035
P2	P1	54,05600*	2,47198	,000	48,8995	59,2125
	P3	19,20200*	2,47198	,000	14,0455	24,3585
	P4	30,31400*	2,47198	,000	25,1575	35,4705
	P5	34,89600*	2,47198	,000	29,7395	40,0525
P3	P1	34,85400*	2,47198	,000	29,6975	40,0105
	P2	-19,20200*	2,47198	,000	-24,3585	-14,0455
	P4	11,11200*	2,47198	,000	5,9555	16,2685
	P5	15,69400*	2,47198	,000	10,5375	20,8505
P4	P1	23,74200*	2,47198	,000	18,5855	28,8985
	P2	-30,31400*	2,47198	,000	-35,4705	-25,1575
	P3	-11,11200*	2,47198	,000	-16,2685	-5,9555
	P5	4,58200	2,47198	,079	-,5745	9,7385
P5	P1	19,16000*	2,47198	,000	14,0035	24,3165
	P2	-34,89600*	2,47198	,000	-40,0525	-29,7395
	P3	-15,69400*	2,47198	,000	-20,8505	-10,5375
	P4	-4,58200	2,47198	,079	-9,7385	,5745

\*. The mean difference is significant at the .05 level.

## HASIL ANALISIS KADAR KOLESTEROL

### Uji Normalitas Kolesterol

#### Case Processing Summary

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
Pretest Kolesterol	25	100.0%	0	.0%	25	100.0%
Posttest Kolesterol	25	100.0%	0	.0%	25	100.0%

#### Tests of Normality

	Kolmogorov-Smirnov <sup>a</sup>			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
Pretest Kolesterol	.182	25	.033	.935	25	.116
Posttest Kolesterol	.173	25	.052	.848	25	.002

a. Lilliefors Significance Correction

### Kruskal-Wallis Test

#### Ranks

	Kelompok	N	Mean Rank
T Colesterol (mg/dl)	P1	5	3,00
	P2	5	23,00
	P3	5	18,00
	P4	5	13,00
	P5	5	8,00
	Total	25	

#### Test Statistics<sup>a,b</sup>

	T Colesterol (mg/dl)
Chi-Square	23,077
df	4
Asymp. Sig.	,000

a. Kruskal Wallis Test

b. Grouping Variable: Kelompok

## Kelompok Positif Kadar Kolesterol

### Statistics

		Sebelum	Sesudah
N	Valid	5	5
	Missing	0	0
Mean		79.8260	117.8780
Std. Deviation		3.83481	2.30982

### Sebelum

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid 87.80	1	20.0	20.0	20.0
89.90	1	20.0	20.0	40.0
90.59	1	20.0	20.0	60.0
92.68	1	20.0	20.0	80.0
94.77	1	20.0	20.0	100.0
Total	5	100.0	100.0	

### Sesudah

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid 210.26	1	20.0	20.0	20.0
211.72	2	40.0	40.0	60.0
213.92	1	20.0	20.0	80.0
218.32	1	20.0	20.0	100.0
Total	5	100.0	100.0	

### Ranks

		N	Mean Rank	Sum of Ranks
Sesudah - Sebelum	Negative Ranks	0 <sup>a</sup>	.00	.00
	Positive Ranks	5 <sup>b</sup>	3.00	15.00
	Ties	0 <sup>c</sup>		
	Total	5		

a. Sesudah < Sebelum

b. Sesudah > Sebelum

c. Sesudah = Sebelum

**Test Statistics<sup>b</sup>**

	Sesudah - Sebelum
Z	-2.023 <sup>a</sup>
Asymp. Sig. (2-tailed)	.043

- a. Based on negative ranks.
- b. Wilcoxon Signed Ranks Test

**Test Statistics<sup>b</sup>**

	Sesudah - Sebelum
Z	-2.023 <sup>a</sup>
Asymp. Sig. (2-tailed)	.043

- a. Based on negative ranks.
- b. Wilcoxon Signed Ranks Test

**Kelompok Dosis 1 Kadar Kolesterol**

**Sebelum**

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid 90.59	1	20.0	20.0	20.0
96.17	1	20.0	20.0	40.0
96.86	1	20.0	20.0	60.0
98.26	1	20.0	20.0	80.0
98.95	1	20.0	20.0	100.0
Total	5	100.0	100.0	

**Statistics**

		Sebelum	Sesudah
N	Valid	5	5
	Missing	0	0
Mean		96.1660	156.6300
Std. Deviation		3.30564	3.78687

**Sesudah**

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid 150.18	1	20.0	20.0	20.0
156.78	1	20.0	20.0	40.0
157.51	1	20.0	20.0	60.0
158.97	1	20.0	20.0	80.0
159.71	1	20.0	20.0	100.0
Total	5	100.0	100.0	

### Ranks

		N	Mean Rank	Sum of Ranks
Sesudah - Sebelum	Negative Ranks	0 <sup>a</sup>	.00	.00
	Positive Ranks	5 <sup>b</sup>	3.00	15.00
	Ties	0 <sup>c</sup>		
	Total	5		

a. Sesudah < Sebelum

b. Sesudah > Sebelum

c. Sesudah = Sebelum

### Kadar Kolesterol Kelompok Dosis 2

#### Statistics

		Sebelum	Sesudah
N	Valid	5	5
	Missing	0	0
Mean		92.8240	125.2740
Std. Deviation		3.32022	3.51399

#### Sebelum

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	89.90	1	20.0	20.0	20.0
	90.59	1	20.0	20.0	40.0
	91.99	1	20.0	20.0	60.0
	93.38	1	20.0	20.0	80.0
	98.26	1	20.0	20.0	100.0
Total	5	100.0	100.0		

#### Sesudah

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	121.61	1	20.0	20.0	20.0
	122.34	1	20.0	20.0	40.0
	126.01	2	40.0	40.0	80.0
	130.40	1	20.0	20.0	100.0
	Total	5	100.0	100.0	

### Ranks

		N	Mean Rank	Sum of Ranks
Sesudah - Sebelum	Negative Ranks	0 <sup>a</sup>	.00	.00
	Positive Ranks	5 <sup>b</sup>	3.00	15.00
	Ties	0 <sup>c</sup>		
	Total	5		

a. Sesudah < Sebelum

b. Sesudah > Sebelum

c. Sesudah = Sebelum

### Kelompok Dosis 3 Kadar Kolesterol

#### Test Statistics<sup>b</sup>

		Sesudah - Sebelum
Z		-2.023 <sup>a</sup>
Asymp. Sig. (2-tailed)		.043

a. Based on negative ranks.

b. Wilcoxon Signed Ranks Test

#### Statistics

		Sebelum	Sesudah
N	Valid	5	5
	Missing	0	0
Mean		93.2420	103.2960
Std. Deviation		3.39146	1.86605

#### Sesudah

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	101.10	1	20.0	20.0	20.0
	101.83	1	20.0	20.0	40.0
	103.30	1	20.0	20.0	60.0
	104.76	1	20.0	20.0	80.0
	105.49	1	20.0	20.0	100.0
Total		5	100.0	100.0	

### Ranks

		N	Mean Rank	Sum of Ranks
Sesudah - Sebelum	Negative Ranks	0 <sup>a</sup>	.00	.00
	Positive Ranks	5 <sup>b</sup>	3.00	15.00
	Ties	0 <sup>c</sup>		
	Total	5		

a. Sesudah < Sebelum

b. Sesudah > Sebelum

c. Sesudah = Sebelum

### NPar Tests

#### Mann-Whitney Test

##### Test Statistics<sup>b</sup>

	T Colesterol (mg/dl)
Mann-Whitney U	,000
Wilcoxon W	15,000
Z	-2,611
Asymp. Sig. (2-tailed)	,009
Exact Sig. [2*(1-tailed Sig.)]	,008 <sup>a</sup>

a. Not corrected for ties.

b. Grouping Variable: Kelompok

### NPar Tests Mann-Whitney Test

#### Ranks

		N	Mean Rank	Sum of Ranks
T Colesterol (mg/dl)	P1	5	3,00	15,00
	P3	5	8,00	40,00
	Total	10		

**Test Statistics<sup>b</sup>**

	T Coolesterol (mg/dl)
Mann-Whitney U	,000
Wilcoxon W	15,000
Z	-2,611
Asy mp. Sig. (2-tailed)	,009
Exact Sig. [2*(1-tailed Sig.)]	,008 <sup>a</sup>

a. Not corrected for ties.

b. Grouping Variable: Kelompok

**NPar Tests Mann-Whitney Test**

**Test Statistics<sup>b</sup>**

	T Coolesterol (mg/dl)
Mann-Whitney U	,000
Wilcoxon W	15,000
Z	-2,611
Asy mp. Sig. (2-tailed)	,009
Exact Sig. [2*(1-tailed Sig.)]	,008 <sup>a</sup>

a. Not corrected for ties.

b. Grouping Variable: Kelompok

**Ranks**

	Kelompok	N	Mean Rank	Sum of Ranks
T Coolesterol (mg/dl)	P1	5	3,00	15,00
	P4	5	8,00	40,00
	Total	10		

**NPar Tests Mann-Whitney Test**

**Ranks**

	Kelompok	N	Mean Rank	Sum of Ranks
T Coolesterol (mg/dl)	P1	5	3,00	15,00
	P5	5	8,00	40,00
	Total	10		



**Test Statistics<sup>b</sup>**

	T Colesterol (mg/dl)
Mann-Whitney U	,000
Wilcoxon W	15,000
Z	-2,611
Asymp. Sig. (2-tailed)	,009
Exact Sig. [2*(1-tailed Sig.)]	,008 <sup>a</sup>

a. Not corrected for ties.

b. Grouping Variable: Kelompok

**NPar Tests Mann-Whitney Test**

**Ranks**

	Kelompok	N	Mean Rank	Sum of Ranks
T Colesterol (mg/dl)	P2	5	8,00	40,00
	P3	5	3,00	15,00
	Total	10		

**Test Statistics<sup>b</sup>**

	T Colesterol (mg/dl)
Mann-Whitney U	,000
Wilcoxon W	15,000
Z	-2,611
Asymp. Sig. (2-tailed)	,009
Exact Sig. [2*(1-tailed Sig.)]	,008 <sup>a</sup>

a. Not corrected for ties.

b. Grouping Variable: Kelompok

**NPar Tests Mann-Whitney Test**

**Ranks**

	Kelompok	N	Mean Rank	Sum of Ranks
T Colesterol (mg/dl)	P2	5	8,00	40,00
	P4	5	3,00	15,00
	Total	10		

**Test Statistics<sup>b</sup>**

	T Colesterol (mg/dl)
Mann-Whitney U	,000
Wilcoxon W	15,000
Z	-2,611
Asymp. Sig. (2-tailed)	,009
Exact Sig. [2*(1-tailed Sig.)]	,008 <sup>a</sup>

a. Not corrected for ties.

b. Grouping Variable: Kelompok

### NPar Tests Mann-Whitney Test

#### Ranks

	Kelompok	N	Mean Rank	Sum of Ranks
T Coolesterol (mg/dl)	P2	5	8,00	40,00
	P5	5	3,00	15,00
	Total	10		

#### Test Statistics<sup>b</sup>

	T Coolesterol (mg/dl)
Mann-Whitney U	,000
Wilcoxon W	15,000
Z	-2,611
Asy mp. Sig. (2-tailed)	,009
Exact Sig. [2*(1-tailed Sig.)]	,008 <sup>a</sup>

a. Not corrected for ties.

b. Grouping Variable: Kelompok

### NPar Tests Mann-Whitney Test

#### Ranks

	Kelompok	N	Mean Rank	Sum of Ranks
T Coolesterol (mg/dl)	P3	5	8,00	40,00
	P4	5	3,00	15,00
	Total	10		

#### Test Statistics<sup>b</sup>

	T Coolesterol (mg/dl)
Mann-Whitney U	,000
Wilcoxon W	15,000
Z	-2,611
Asy mp. Sig. (2-tailed)	,009
Exact Sig. [2*(1-tailed Sig.)]	,008 <sup>a</sup>

a. Not corrected for ties.

b. Grouping Variable: Kelompok

### NPar Tests Mann-Whitney Test

#### Ranks

	Kelompok	N	Mean Rank	Sum of Ranks
T Coolesterol (mg/dl)	P3	5	8,00	40,00
	P5	5	3,00	15,00
	Total	10		

#### Test Statistics<sup>b</sup>

	T Coolesterol (mg/dl)
Mann-Whitney U	,000
Wilcoxon W	15,000
Z	-2,611
Asy mp. Sig. (2-tailed)	,009
Exact Sig. [2*(1-tailed Sig.)]	,008 <sup>a</sup>

a. Not corrected for ties.

b. Grouping Variable: Kelompok

### NPar Tests Mann-Whitney Test

#### Ranks

	Kelompok	N	Mean Rank	Sum of Ranks
T Coolesterol (mg/dl)	P4	5	8,00	40,00
	P5	5	3,00	15,00
	Total	10		

#### Test Statistics<sup>b</sup>

	T Coolesterol (mg/dl)
Mann-Whitney U	,000
Wilcoxon W	15,000
Z	-2,611
Asy mp. Sig. (2-tailed)	,009
Exact Sig. [2*(1-tailed Sig.)]	,008 <sup>a</sup>

a. Not corrected for ties.

b. Grouping Variable: Kelompok

## DOKUMENTASI







**UNIVERSITAS GADJAH MADA**  
**PUSAT STUDI PANGAN DAN GIZI**

SURAT KETERANGAN  
No. : PSPG-UGM/22/SKP/II/2017

Yang bertanda tangan di bawah ini, Ketua Laboratorium Gizi Pusat Studi Pangan dan Gizi Universitas Gadjah Mada menerangkan bahwa mahasiswa berikut :

Nama : Mutiara Adnin Hilmy  
NIK/NIM : 20130310166  
Institusi : Pendidikan Dokter/FKIK/Universitas Muhammadiyah Yogyakarta

Judul : Pengaruh Pemberian Ekstrak Kulit Jeruk Manis (Citrus Sinensis) Terhadap Perubahan Kadar Kolesterol dan Trigliserida Pada Hewan Uji Yang di Induksi Asap Rokok.

Telah melakukan sebagian penelitian di Laboratorium Gizi (Kandang Hewan Coba) di Pusat Studi Pangan dan Gizi Universitas Gadjah Mada pada 13 September - 13 Oktober 2016.

Demikian Surat Keterangan ini kami buat untuk dapat digunakan sebagaimana perlunya.

Yogyakarta, 13 Februari 2017

Mengetahui,  
Kepala,  
Pusat Studi Pangan dan Gizi - UGM



  
Prof. Dr. Ir. Umar Santoso, MSc.  
NIP. 195902171985031002

An. Ketua Laboratorium Gizi  
Wakil Kepala Bidang Program/Kegiatan

Dr. Ir. Nurliyani, MS  
NIP. 196008171986032003



Fakultas Kedokteran dan Ilmu Kesehatan  
Universitas Muhammadiyah Yogyakarta

**KETERANGAN LOLOS UJI ETIK**  
**ETHICAL APPROVAL**

Komite Etik Penelitian Fakultas Kedokteran dan Ilmu Kesehatan Universitas Muhammadiyah Yogyakarta dalam upaya melindungi hak asasi dan kesejahteraan responden/subyek penelitian, telah mengkaji dengan teliti protokol berjudul :

*The Ethics Committee of the Faculty of Medicine and Health Sciences, University of Muhammadiyah Yogyakarta, with regards of the protection of human rights and welfare in research, has carefully reviewed the research protocol entitled :*

**“Pengaruh Pemberian Ekstrak Kulit Jeruk Manis (*Citrus sinensis*) Terhadap Perubahan Kadar Kolesterol dan Trigliserida Pada Hewan Uji yang Diinduksi Asap Rokok”**

Peneliti Utama : Mutiara Adnin Hilmy  
*Principal Investigator*

Nama Institusi : Program Studi Pendidikan Dokter FKIK UMY  
*Name of the Institution*

Negara : Indonesia  
*Country*

Dan telah menyetujui protokol tersebut diatas.  
*And approved the above-mentioned protocol.*

Yogyakarta, 18 Juli 2017

Sekretaris  
*Secretary*  
  
Dr. dr. Titiek Hidayati, M. Kes

\*Peneliti Berkewajiban :

1. Menjaga kerahasiaan identitas subyek penelitian
2. Memberitahukan status penelitian apabila :
  - a. Setelah masa berlakunya keterangan lolos uji etik, penelitian masih belum selesai, dalam hal ini *ethical clearance* harus diperpanjang
  - b. Penelitian berhenti di tengah jalan
3. Melaporkan kejadian serius yang tidak diinginkan (*serious adverse events*)
4. Peneliti tidak boleh melakukan tindakan apapun pada responden/subyek sebelum penelitian lolos uji etik dan *informed consent*

Kampus:

Jl. Lingkar Selatan, Tamantirto, Kasihan, Bantul, Yogyakarta 55183  
Telp. (0274) 387656 ext. 213, 7491350 Fax. (0274) 387658

*Muda mendunia*