

## LAMPIRAN

### Lampiran 1. *Ethical Clearance*



KOMITE ETIK PENELITIAN KESEHATAN  
HEALTH RESEARCH ETHICS COMMITTEE  
RSI SULTAN AGUNG  
KEPK RSI SULTAN AGUNG

KETERANGAN LAYAK ETIK  
DESCRIPTION OF ETHICAL EXEMPTION  
"ETHICAL EXEMPTION"

No. 13/EC/KEPK/2020

Protokol penelitian yang diusulkan oleh  
*The research protocol proposed by*

Peneliti utama  
*Principal In Investigator*

: HESTI DWI WIDARYANTI

Nama Institusi  
*Name of Institution*

: UNIVERSITAS ISLAM SULTAN AGUNG SEMARANG

Dengan Judul  
*Title*

**"ANALISIS BIAYA OBAT PADA PASIEN PROLANIS (DM TIPE 2 DAN HIPERTENSI) DI PUSKESMAS PADA ERA JAMINAN KESEHATAN NASIONAL (STUDI DI FASILITAS KESEHATAN TINGKAT PERTAMA DI KOTA SEMARANG"**

*"Analysis of Drug Costs in PROLANIS Patients (Hypertension and Type 2 Diabetes mellitus) in Puskesmas in the Era of National Health Insurance (Studies at First-level Health Facilities in the City of Semarang."*

Dinyatakan layak etik sesuai 7(tujuh) Standar WHO 2011, yaitu 1) Nilai Sosial, 2) Nilai Ilmiah, 3) Pemerataan Beban dan Manfaat, 4) Risiko, 5) Bujukan/Eksploitasi, 6) Kerahasiaan dan Privacy, dan 7) Persetujuan Setelah Penjelasan, yang merujuk pada Pedoman CIOMS 2016. Hal ini seperti yang ditunjukkan oleh terpenuhinya indikator setiap standar.

*Declared to be ethically appropriate in accordance to 7 (seven) WHO 2011 Standards, 1)Social Values, 2)Scientific Values, 3)Equitable Assessment and Benefits, 4)Risks, 5)Persuasion/Exploitation, 6)Confidentiality and Privacy, and 7)Informed Consent, referring to the 2016 CIOMS Guidelines. This is as indicated by the fulfillment of the indicators of each standard.*

Pernyataan Laik Etik ini berlaku selama kurun waktu tanggal 24 Juli 2020 sampai dengan tanggal 24 Juli 2021.

*This declaration of ethics applies during the period July 24, 2020 until July 24, 2021.*

July 24, 2020  
YAYASAN BADAN WAKAF SULTAN AGUNG  
RSI SULTAN AGUNG  
ISLAMIC TEACHING HOSPITAL  
SEMARANG  
Muhammad Aziz Rosidi  
Chairperson

### Lampiran 1 Perhitungan biaya riil

No	Jenis kelamin	Usia	Jenis Obat yang Diterima	Jumlah Item Obat	Aturan Pakai Obat	Lama Hari Pemberian	Jumlah Obat	E-cataloge	P-cost	5
A	B	C	F	G	H	I	J	K	L	M
1	Laki - laki	57	GLIMEPIRID TABLET 2 MG	2	30 Hari	1x1	30 Tab	2070	62100	123300
			METFORMIN TAB 500 MG		30 Hari	2x1	60 Tab	1020	61200	

244	Perempuan	72	captropil	2	30 Hari	1x1	30 Tab	1020	30600
			AMLODIPIN		30 Hari	1x1	30 Tab	750	22500

Perhitungan :

$$p\text{-cost} = \text{jumlah obat (tab)} \times e\text{-catalog}$$

$$\text{Total cost} = \sum p\text{-cost}$$

- a. p-cost Amlodipin :  $30 \times 75 = 2250$       Total cost =  $2250+1980+6120+6210 = 16.560$
- b. p-cost Captopril :  $30 \times 66 = 1980$
- c. p-cost Metformin :  $60 \times 102 = 6120$
- d. p-cost Glimepirid :  $30 \times 207 = 6210$

### Lampiran 2. Frekuensi Responden

#### Jeniskelamin

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	laki-laki	285	35.6	35.6	35.6
	perempuan	515	64.4	64.4	100.0
	Total	800	100.0	100.0	

**Usia**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	18- 44 tahun	49	6.1	6.1	6.1
	45-64 tahun	583	72.9	72.9	79.0
	≥ 65 tahun	168	21.0	21.0	100.0
	Total	800	100.0	100.0	

**Jumlah item obat**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	117	14.6	14.6	14.6
	2	581	72.6	72.6	87.3
	3	102	12.8	12.8	100.0
	Total	800	100.0	100.0	

**Diagnose penyakit**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	DM Tipe 2	319	39.9	39.9	39.9
	Hipertensi	280	35.0	35.0	74.9
	DM Tipe 2 , Hipertensi	16	2.0	2.0	76.9
	DM tipe 2, Hipertensi, Nyeri Sendi	2	.3	.3	77.1
	DM Tipe 2, asam lambung	7	.9	.9	78.0
	DM tipe 2, asam urat	8	1.0	1.0	79.0
	DM Tipe 2, Hiperlipidemia	32	4.0	4.0	83.0
	DM tipe 2, Infeksi bakteri	3	.4	.4	83.4
	DM Tipe 2, Nyeri Sendi	14	1.8	1.8	85.1
	DM Tipe 2, rhinitis alergi	1	.1	.1	85.3
	DM Tipe 2, Nyeri, demam	4	.5	.5	85.8
	DM Tipe 2, mukolitik	1	.1	.1	85.9
	Hipertensi, demam	14	1.8	1.8	87.6
	Hipertensi, asam lambung	7	.9	.9	88.5
	Hipertensi, Hiperlipidemia	13	1.6	1.6	90.1
	Hipertensi, Nyeri	5	.6	.6	90.8
	Hipertensi, infeksi bakteri	8	1.0	1.0	91.8
	Hipertensi, rhinitis alergi	6	.8	.8	92.5
	Hipertensi, nyeri sendi, asam lambung	1	.1	.1	92.6
	Hipertensi, asam urat	14	1.8	1.8	94.4
	Hipertensi, nyeri sendi	12	1.5	1.5	95.9
	Hipertensi, mukolitik	5	.6	.6	96.5
	Hipertensi, infeksi bakteri, nyeri sendi	1	.1	.1	96.6
	hipertensi, mual muntah	2	.3	.3	96.9
	25	25	3.1	3.1	100.0
Total		800	100.0	100.0	

**Jenis obat yang diterima**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Glimepirid, Metformin	170	21.3	21.3	21.3
	Glimepirid, Glibenklamid, Metformin, Antasida Doen	1	.1	.1	21.4
	Metformin, NA Diklofenak	4	.5	.5	21.9
	Metformin, Simvastatin	10	1.3	1.3	23.1
	Glibenklamid, Metformin, Vitamin B komplek	10	1.3	1.3	24.4
	Glibenklamid, Metformin	42	5.3	5.3	29.6
	Glimepirid, Metformin, Na Diklofenak	3	.4	.4	30.0
	Glibenklamid, Metformin, Simvastatin	5	.6	.6	30.6
	Glimepirid, Allopurinol	5	.6	.6	31.3
	Metformin, Loratadine	2	.3	.3	31.5
	Glibenklamid, Metformin, N-Acetyl Cystein	2	.3	.3	31.8
	Metformin, Vitamin B komplek	7	.9	.9	32.6
	Glimepirid, Amoksilin Kapsul	1	.1	.1	32.8
	Glimepirid, Na Diklofenak	6	.8	.8	33.5
	Glibenklamid, Metformin, Amlodipin	1	.1	.1	33.6
	Glibenklamid, Vitamin B Komplek	3	.4	.4	34.0
	Glimepirid, Metformin, Amlodipin	3	.4	.4	34.4
	Glimepirid, Metformin, Vitamin B Komplek	19	2.4	2.4	36.8
	Glimepirid, Simvastatin	7	.9	.9	37.6
	Glimepirid, Vitamin B Komplek	4	.5	.5	38.1
	Metformin, Allopurinol	3	.4	.4	38.5
	Glibenklamid, Allopurinol	1	.1	.1	38.6
	Metformin, Vitamin B12	16	2.0	2.0	40.6
	Glimepirid, Asam Mefenamat, Vitamin B Komplek	2	.3	.3	40.9
	Glimepirid, Metformin, Amoksilin Kapsul	1	.1	.1	41.0
	Glimepirid, Simvastatin, Vitamin B12	1	.1	.1	41.1
	Glimepirid, Vitamin B12	2	.3	.3	41.4
	Glimepirid, Metil Prednisolon, Vitamin B12	2	.3	.3	41.6
	Metformin, NA Diklofenak, Vitamin B12	1	.1	.1	41.8
	Glimepirid, Metformin, Simvastatin	3	.4	.4	42.1
	Glimepirid, Paracetamol, asam mefenamat	1	.1	.1	42.3

Glimepirid, Metformin, Asam Mefenamat	1	.1	.1	42.4
Metformin	30	3.8	3.8	46.1
Metformin, Vitamin B kompleks	3	.4	.4	46.5
Glimepiride, Metformin, Vitamin B12	2	.3	.3	46.8
Glimepirid, Metformin, Antasida Doen	3	.4	.4	47.1
Glimepirid, Antasida Doen	3	.4	.4	47.5
Metformin, Simvastatin, Vitamin B12	3	.4	.4	47.9
Glimepirid, Loratadine	4	.5	.5	48.4
Glibenklamid, Metformin, Amoksilin Kapsul	1	.1	.1	48.5
Glibenklamid, Metformin, Simvastatin	1	.1	.1	48.6
Metformin, Amlodipin	2	.3	.3	48.9
Glibenklamid, Antasida Doen	2	.3	.3	49.1
Glibenklamid, Vitamin B12	1	.1	.1	49.3
Glibenklamid, Katropil	1	.1	.1	49.4
Glimepirid, Acarbosa	3	.4	.4	49.8
Metformin, Gurenorm	2	.3	.3	50.0
amlodipin 5 mg, simvastatin, vitamin B kompleks	1	.1	.1	50.1
amlodipin 10 mg, miniaspilet, vitamin B kompleks	3	.4	.4	50.5
Amlodipin 10 mg, Hidroklorotiazid, Antasida Doen	1	.1	.1	50.6
Katropil, vitamin B12	9	1.1	1.1	51.7
Amlodipin 5 mg, Paracetamol	7	.9	.9	52.6
amlodipin 10 mg, Furosemid	4	.5	.5	53.1
amlodipin 5 mg, Antasida Doen	3	.4	.4	53.5
Amlodipin 10 mg, Antasida Doen	3	.4	.4	53.9
amlodipin 5 mg, Vitamin B12	10	1.3	1.3	55.1
Amlodipin 5 mg	13	1.6	1.6	56.8
amlodipin 10 mg, vitamin B Komplek	68	8.5	8.5	65.3
amlodipin 10 mg, hidroklorotiazid, vitamin B12	1	.1	.1	65.4
amlodipin 10 mg, metil prednisolon, vitamin B kompleks	1	.1	.1	65.5
amlodipin 10 mg, vitamin B12	13	1.6	1.6	67.1

amlodipin 5 mg, hydroklorotiazid, eritromisin	1	.1	.1	67.3
amlodipin 5 mg, katropil	2	.3	.3	67.5
Katropil, vitamin B komplek	3	.4	.4	67.9
hydroklorotiazid, katropil	4	.5	.5	68.4
hydroklorotiazid, vitamin B komplek	3	.4	.4	68.8
amlodipin 5 mg, Na Deklofenak	8	1.0	1.0	69.8
amlodipin 10 mg, hydroklorotiazid	3	.4	.4	70.1
katropil	4	.5	.5	70.6
amlodipin 10 mg	55	6.9	6.9	77.5
amlodipin 10 mg, simvastatin	8	1.0	1.0	78.5
katropil, simvastatin	2	.3	.3	78.8
amlodipin 5 mg, amoksilin	4	.5	.5	79.3
amlodipin 5 mg, eritromisin	3	.4	.4	79.6
amlodipin 5 mg, loratadine	3	.4	.4	80.0
hydroklorotiazid	1	.1	.1	80.1
amlodipin 5 mg, allopurinol	3	.4	.4	80.5
amlodipin 10 mg, Na Deklofenak, vitamin B komplek	4	.5	.5	81.0
amlodipin 10 mg, Na Deklofenak, antasida doen	1	.1	.1	81.1
amlodipin 5 mg, N-Acetyl Cystein	2	.3	.3	81.4
amlodipin 10 mg, N-Acetyl Cystein	3	.4	.4	81.8
amlodipin 10 mg, amoksilin, Na Deklofenak	1	.1	.1	81.9
amlodipin 10 mg, Glibenklamid	1	.1	.1	82.0
amlodipin 10 mg, simvastatin, Na Deklofenak	1	.1	.1	82.1
amlodipin 10 mg, allupurinol	9	1.1	1.1	83.3
amlodipin 10 mg, asam mefenamat, Na Deklofenak	2	.3	.3	83.5
amlodipin 10 mg, metformin	2	.3	.3	83.8
amlodipin 5 mg, paracetamol, vitamin B komplek	1	.1	.1	83.9
amlodipin 10 mg, omeprazol	2	.3	.3	84.1
amlodipin 10 mg, vitamin B komplek, antasida doen	1	.1	.1	84.3
amlodipin 5 mg, miniaspilet	27	3.4	3.4	87.6
amlodipin 5 mg, miniaspilet, simvastatin	2	.3	.3	87.9
amlodipin 5 mg, miniaspilet, paracetamol	2	.3	.3	88.1

amlodipin 10 mg, glimepirid, metformin	5	.6	.6	88.8
amlodipin 10 mg, simvastatin, vitamin B komplek	2	.3	.3	89.0
amlodipin 10 mg, asam mefenamat, vitamin B komplek	1	.1	.1	89.1
amlodipin 5 mg, N-Acetyl Cystein, paracetamol	1	.1	.1	89.3
hidroklorotiazid, amlodipin 10 mg, miniaspilet	1	.1	.1	89.4
candasartan, amlodipin	21	2.6	2.6	92.0
candasartan, bisoprolol	8	1.0	1.0	93.0
amlodipin 10 mg, Klorfeniramin Maleat , vitamin B komplek	1	.1	.1	93.1
amlodipin 5 mg, vitamin B6	3	.4	.4	93.5
amlodipin 10 mg, ibu profen	3	.4	.4	93.9
amlodipin 10 mg, asam mefenamat	1	.1	.1	94.0
amlodipin 10 mg, dimenhidrinat	2	.3	.3	94.3
candasartan, ramipril	4	.5	.5	94.8
amlodipin 5 mg, sprinolakton, miniaspilet	1	.1	.1	94.9
candasartan	7	.9	.9	95.8
amlodipin 5 mg, miniaspilet, alopurinol	1	.1	.1	95.9
furosemid, sprinolakton	5	.6	.6	96.5
sprinolakton, ramipril	6	.8	.8	97.3
sprinolakton, amlodipin 10 mg	1	.1	.1	97.4
candasartan, concor, miniaspilet	3	.4	.4	97.8
bisoprolol	5	.6	.6	98.4
candasartan, amlodipin 10 mg, miniaspilet	5	.6	.6	99.0
concor	2	.3	.3	99.3
lisinopril, ramipril	6	.8	.8	100.0
Total	800	100.0	100.0	

### Lampiran 3. Analisis Deskriptif

#### Jenis Kelamin

		Descriptives		Statistic	Std. Error
totalcost	laki-laki	Mean		125808.95	5503.788
		95% Confidence Interval for Mean	Lower Bound	114975.56	
			Upper Bound	136642.34	

	5% Trimmed Mean		114975.50	
	Median		109800.00	
	Variance		8633127917.90	
			2	
	Std. Deviation		92914.627	
	Minimum		22500	
	Maximum		945000	
	Range		922500	
	Interquartile Range		75150	
	Skewness		3.961	.144
	Kurtosis		25.985	.288
perempuan	Mean		129896.85	3542.083
	95% Confidence	Lower Bound	122938.11	
	Interval for Mean	Upper Bound	136855.60	
	5% Trimmed Mean		121905.24	
	Median		120300.00	
	Variance		6461371937.16	
			7	
	Std. Deviation		80382.659	
	Minimum		22500	
	Maximum		547200	
	Range		524700	
	Interquartile Range		80100	
	Skewness		1.692	.108
	Kurtosis		4.254	.215

usia

## Descriptives

	usia		Statistic	Std. Error	
totalcost	18- 44 tahun	Mean	108424.90	9768.436	
		95% Confidence	Lower Bound	88784.14	
		Interval for Mean	Upper Bound	128065.66	
		5% Trimmed Mean		101393.54	
		Median		109800.00	
		Variance		4675694975.51	
				0	
		Std. Deviation		68379.054	
		Minimum		22500	
		Maximum		365400	
		Range		342900	
		Interquartile Range		67920	
		Skewness		1.617	.340
		Kurtosis		4.225	.668
	45-64 tahun	Mean	128095.27	3468.139	
		95% Confidence	Lower Bound	121283.67	
		Interval for Mean	Upper Bound	134906.86	
		5% Trimmed Mean		119065.04	
		Median		111600.00	
		Variance		7012316801.26	
				1	
Std. Deviation		83739.577			



	Minimum		22500	
	Maximum		945000	
	Range		922500	
	Interquartile Range		75000	
	Skewness		3.196	.101
	Kurtosis		20.164	.202
≥ 65 tahun	Mean		135476.61	7170.180
	95% Confidence Interval for Mean	Lower Bound	121320.73	
		Upper Bound	149632.49	
	5% Trimmed Mean		126676.39	
	Median		117750.00	
	Variance		8637128681.23	
			4	
	Std. Deviation		92936.154	
	Minimum		22500	
	Maximum		585000	
	Range		562500	
	Interquartile Range		93900	
	Skewness		1.633	.187
	Kurtosis		3.753	.373

**Jumlah item obat****Descriptives**

		jumlahitemobat	Statistic	Std. Error	
totalcost	1	Mean	59715.90	4550.995	
		95% Confidence Interval for Mean	Lower Bound	50702.08	
			Upper Bound	68729.72	
		5% Trimmed Mean		54091.74	
		Median		30600.00	
		Variance		2423251948.54	
				1	
		Std. Deviation		49226.537	
		Minimum		22500	
		Maximum		342000	
		Range		319500	
		Interquartile Range		49950	
		Skewness		2.460	.224
		Kurtosis		8.882	.444
	2	Mean	130522.10	3358.826	
		95% Confidence Interval for Mean	Lower Bound	123925.16	
			Upper Bound	137119.04	
		5% Trimmed Mean		120770.68	
		Median		109800.00	
		Variance		6554673202.82	
				5	
		Std. Deviation		80960.936	
		Minimum		22500	
		Maximum		945000	
		Range		922500	
		Interquartile Range		66900	
		Skewness		3.587	.101

3	Kurtosis		22.888	.202	
	Mean		195415.00	8127.822	
	95% Confidence Interval for Mean	Lower Bound		179291.59	
		Upper Bound		211538.41	
	5% Trimmed Mean		187585.29		
	Median		180600.00		
	Variance		6738271468.81		
			2		
	Std. Deviation		82086.975		
	Minimum		22500		
	Maximum		593700		
	Range		571200		
	Interquartile Range		66150		
	Skewness		2.049	.239	
	Kurtosis		6.458	.474	

### Diagnosis penyakit

### Descriptives<sup>a,b,c,d</sup>

diagnosapenyakit		Statistic	Std. Error	
DM Tipe 2	Mean	142293.10	3204.475	
	95% Confidence Interval for Mean	Lower Bound	135988.45	
		Upper Bound	148597.75	
	5% Trimmed Mean	137276.07		
	Median	144000.00		
	Variance	3275702342.		
		225		
	Std. Deviation	57233.752		
	Minimum	30600		
	Maximum	433800		
	Range	403200		
	Interquartile Range	57000		
	Skewness	1.834	.137	
	Kurtosis	6.283	.272	
	Hipertensi	Mean	112735.93	5972.783
95% Confidence Interval for Mean		Lower Bound	100978.49	
		Upper Bound	124493.37	
5% Trimmed Mean		100455.00		
Median		98100.00		
Variance		9988757667.		
		235		
Std. Deviation		99943.773		
Minimum		22500		
Maximum		945000		
Range		922500		
Interquartile Range		69075		
Skewness		3.362	.146	
Kurtosis		19.424	.290	
DM Tipe 2 , Hipertensi		Mean	127209.38	15684.043
	95% Confidence Interval for Mean	Lower Bound	93779.63	
		Upper Bound	160639.12	
	5% Trimmed Mean	124743.75		

	Median		108750.00	
	Variance		3935827406.250	
	Std. Deviation		62736.173	
	Minimum		53100	
	Maximum		245700	
	Range		192600	
	Interquartile Range		115875	
	Skewness		.314	.564
	Kurtosis		-1.388	1.091
DM tipe 2, Hipertensi, Nyeri Sendi	Mean		146025.00	63225.000
	95% Confidence Interval for Mean	Lower Bound	-657324.79	
		Upper Bound	949374.79	
	5% Trimmed Mean		.	
	Median		146025.00	
	Variance		7994801250.000	
	Std. Deviation		89413.652	
	Minimum		82800	
	Maximum		209250	
	Range		126450	
	Interquartile Range		.	
	Skewness		.	.
	Kurtosis		.	.
DM Tipe 2, asam lambung	Mean		145542.86	18449.440
	95% Confidence Interval for Mean	Lower Bound	100398.70	
		Upper Bound	190687.01	
	5% Trimmed Mean		145097.62	
	Median		133200.00	
	Variance		2382672857.143	
	Std. Deviation		48812.630	
	Minimum		87900	
	Maximum		211200	
	Range		123300	
	Interquartile Range		106500	
	Skewness		.059	.794
	Kurtosis		-1.551	1.587
DM tipe 2, asam urat	Mean		90825.00	12041.680
	95% Confidence Interval for Mean	Lower Bound	62350.95	
		Upper Bound	119299.05	
	5% Trimmed Mean		92266.67	
	Median		94500.00	
	Variance		1160016428.571	
	Std. Deviation		34059.014	
	Minimum		30600	
	Maximum		125100	
	Range		94500	
	Interquartile Range		56775	
	Skewness		-.641	.752

	Kurtosis		-,438	1,481
DM Tipe 2, Hiperlipidemia	Mean		116123.44	5934.196
	95% Confidence Interval for Mean	Lower Bound	104020.56	
		Upper Bound	128226.31	
	5% Trimmed Mean		115392.71	
	Median		116775.00	
	Variance		1126869836,190	
	Std. Deviation		33568.882	
	Minimum		60000	
	Maximum		189000	
	Range		129000	
	Interquartile Range		42675	
	Skewness		,223	,414
	Kurtosis		-,465	,809
	DM tipe 2, Infeksi bakteri	Mean		259600.00
95% Confidence Interval for Mean		Lower Bound	-72528.00	
		Upper Bound	591728.00	
5% Trimmed Mean			.	
Median			286200.00	
Variance			17875560000,000	
Std. Deviation			133699.514	
Minimum			114600	
Maximum			378000	
Range			263400	
Interquartile Range			.	
Skewness			-,860	1,225
Kurtosis			.	.
DM Tipe 2, Nyeri Sendi		Mean		153717.86
	95% Confidence Interval for Mean	Lower Bound	140889.69	
		Upper Bound	166546.02	
	5% Trimmed Mean		152347.62	
	Median		143850.00	
	Variance		493629848.901	
	Std. Deviation		22217.782	
	Minimum		135000	
	Maximum		197100	
	Range		62100	
	Interquartile Range		39150	
	Skewness		,992	,597
	Kurtosis		-,480	1,154
	DM Tipe 2, Nyeri, demam	Mean		119040.00
95% Confidence Interval for Mean		Lower Bound	65424.74	
		Upper Bound	172655.26	
5% Trimmed Mean			119646.67	
Median			124500.00	
Variance			1135310400,000	
Std. Deviation			33694.367	

	Minimum		73260	
	Maximum		153900	
	Range		80640	
	Interquartile Range		62580	
	Skewness		-.918	1.014
	Kurtosis		1.701	2.619
Hipertensi, demam	Mean		74796.43	24436.220
	95% Confidence	Lower Bound	22005.19	
	Interval for Mean	Upper Bound	127587.67	
	5% Trimmed Mean		61337.14	
	Median		40860.00	
	Variance		8359803717. 033	
	Std. Deviation		91431.962	
	Minimum		22500	
	Maximum		369360	
	Range		346860	
	Interquartile Range		35618	
	Skewness		2.976	.597
	Kurtosis		9.433	1.154
Hipertensi, asam lambung	Mean		88778.57	10566.546
	95% Confidence	Lower Bound	62923.17	
	Interval for Mean	Upper Bound	114633.98	
	5% Trimmed Mean		86067.86	
	Median		81900.00	
	Variance		781563214.2 86	
	Std. Deviation		27956.452	
	Minimum		74700	
	Maximum		151650	
	Range		76950	
	Interquartile Range		7200	
	Skewness		2.554	.794
	Kurtosis		6.632	1.587
Hipertensi, Hiperlipidemia	Mean		85338.46	10020.169
	95% Confidence	Lower Bound	63506.39	
	Interval for Mean	Upper Bound	107170.53	
	5% Trimmed Mean		85870.51	
	Median		72900.00	
	Variance		1305249230. 769	
	Std. Deviation		36128.233	
	Minimum		22500	
	Maximum		138600	
	Range		116100	
	Interquartile Range		63300	
	Skewness		.352	.616
	Kurtosis		-.705	1.191
Hipertensi, Nyeri	Mean		103140.00	25072.068
	95% Confidence	Lower Bound	33528.78	
	Interval for Mean	Upper Bound	172751.22	

	5% Trimmed Mean		105250.00	
	Median		139500.00	
	Variance		3143043000.000	
	Std. Deviation		56062.849	
	Minimum		22500	
	Maximum		145800	
	Range		123300	
	Interquartile Range		99900	
	Skewness		-.926	.913
	Kurtosis		-1.466	2.000
Hipertensi, infeksi bakteri	Mean		369937.50	56723.279
	95% Confidence Interval for Mean	Lower Bound	235808.26	
		Upper Bound	504066.74	
	5% Trimmed Mean		364358.33	
	Median		262200.00	
	Variance		25740242678.571	
	Std. Deviation		160437.660	
	Minimum		246600	
	Maximum		593700	
	Range		347100	
	Interquartile Range		298800	
	Skewness		.668	.752
	Kurtosis		-2.103	1.481
Hipertensi, rhinitis alergi	Mean		96525.00	14514.738
	95% Confidence Interval for Mean	Lower Bound	59213.68	
		Upper Bound	133836.32	
	5% Trimmed Mean		96566.67	
	Median		97275.00	
	Variance		1264065750.000	
	Std. Deviation		35553.702	
	Minimum		61800	
	Maximum		130500	
	Range		68700	
	Interquartile Range		68700	
	Skewness		-.011	.845
	Kurtosis		-3.246	1.741
Hipertensi, asam urat	Mean		81878.57	8699.287
	95% Confidence Interval for Mean	Lower Bound	63084.90	
		Upper Bound	100672.24	
	5% Trimmed Mean		77976.19	
	Median		70050.00	
	Variance		1059486428.571	
	Std. Deviation		32549.753	
	Minimum		54000	
	Maximum		180000	
	Range		126000	
	Interquartile Range		31500	

	Skewness		2.297	.597
	Kurtosis		6.475	1.154
Hipertensi, nyeri sendi	Mean		124925.00	14179.957
	95% Confidence Interval for Mean	Lower Bound	93715.12	
		Upper Bound	156134.88	
	5% Trimmed Mean		122722.22	
	Median		103500.00	
	Variance		2412854318.182	
	Std. Deviation		49120.813	
	Minimum		76200	
	Maximum		213300	
	Range		137100	
	Interquartile Range		93938	
	Skewness		.802	.637
	Kurtosis		-1.143	1.232
Hipertensi, mukolitik	Mean		362520.00	1763.633
	95% Confidence Interval for Mean	Lower Bound	357623.37	
		Upper Bound	367416.63	
	5% Trimmed Mean		362600.00	
	Median		365400.00	
	Variance		15552000.000	
	Std. Deviation		3943.602	
	Minimum		358200	
	Maximum		365400	
	Range		7200	
	Interquartile Range		7200	
	Skewness		-.609	.913
	Kurtosis		-3.333	2.000
hipertensi, mual muntah	Mean		35100.00	1800.000
	95% Confidence Interval for Mean	Lower Bound	12228.83	
		Upper Bound	57971.17	
	5% Trimmed Mean		.	
	Median		35100.00	
	Variance		6480000.000	
	Std. Deviation		2545.584	
	Minimum		33300	
	Maximum		36900	
	Range		3600	
	Interquartile Range		.	
	Skewness		.	.
	Kurtosis		.	.
hipertensi, antiplatelet	Mean		87782.40	16517.045
	95% Confidence Interval for Mean	Lower Bound	53692.89	
		Upper Bound	121871.91	
	5% Trimmed Mean		74496.00	
	Median		61200.00	
	Variance		6820319244.000	
Std. Deviation		82585.224		

Minimum	22500	
Maximum	445800	
Range	423300	
Interquartile Range	15930	
Skewness	3.702	.464
Kurtosis	15.617	.902





## Lampiran 4. Uji Normalitas dan homogenitas

### a. Uji normalitas

#### One-Sample Kolmogorov-Smirnov Test

		jeniskelamin	usia	diagnosapen yakit	jenisobatyan gditerima	jumlahitemob at
N		800	800	800	800	800
Normal Parameters <sup>a,b</sup>	Mean	1.64	2.15	4.52	45.36	1.98
	Std. Deviation	.479	.499	6.383	38.026	.523
Most Extreme Differences	Absolute	.415	.407	.402	.146	.368
	Positive	.267	.407	.402	.146	.358
	Negative	-.415	-.322	-.291	-.122	-.368
Test Statistic		.415	.407	.402	.146	.368
Asymp. Sig. (2-tailed)		.000 <sup>c</sup>	.000 <sup>c</sup>	.000 <sup>c</sup>	.000 <sup>c</sup>	.000 <sup>c</sup>

a. Test distribution is Normal.

b. Calculated from data.

c. Lilliefors Significance Correction.



## b. Uji homogenitas

**Test of Homogeneity of Variances**

		Levene Statistic	df1	df2	Sig.
jeniskelamin	Based on Mean	6.666	103	587	.000
	Based on Median	.646	103	587	.997
	Based on Median and with adjusted df	.646	103	497.274	.996
	Based on trimmed mean	5.455	103	587	.000

**Test of Homogeneity of Variances**

		Levene Statistic	df1	df2	Sig.
usia	Based on Mean	1.867	103	587	.000
	Based on Median	.873	103	587	.802
	Based on Median and with adjusted df	.873	103	464.458	.798
	Based on trimmed mean	1.946	103	587	.000

**Test of Homogeneity of Variances**

		Levene Statistic	df1	df2	Sig.
diagnosapenyakit	Based on Mean	6.913	103	587	.000
	Based on Median	1.992	103	587	.000
	Based on Median and with adjusted df	1.992	103	134.311	.000
	Based on trimmed mean	5.685	103	587	.000

**Test of Homogeneity of Variances**

		Levene Statistic	df1	df2	Sig.
jumlahitemobat	Based on Mean	4.284	103	587	.000
	Based on Median	1.500	103	587	.002
	Based on Median and with adjusted df	1.500	103	133.844	.014
	Based on trimmed mean	3.173	103	587	.000

### Test of Homogeneity of Variances

		Levene Statistic	df1	df2	Sig.
jenisobatyangditerima	Based on Mean	13.196	103	587	.000
	Based on Median	2.778	103	587	.000
	Based on Median and with adjusted df	2.778	103	98.459	.000
	Based on trimmed mean	11.118	103	587	.000

### Lampiran 5. Analisis Spearman rho

#### Correlations

			totalcost	jeniskelamin
Spearman's rho	totalcost	Correlation Coefficient	1.000	.042
		Sig. (2-tailed)	.	.240
		N	800	800
	jeniskelamin	Correlation Coefficient	.042	1.000
		Sig. (2-tailed)	.240	.
		N	800	800

#### Correlations

			totalcost	jeniskelamin
Spearman's rho	totalcost	Correlation Coefficient	1.000	.042
		Sig. (2-tailed)	.	.240
		N	800	800
	jeniskelamin	Correlation Coefficient	.042	1.000
		Sig. (2-tailed)	.240	.
		N	800	800

#### Correlations

			totalcost	jeniskelamin
Spearman's rho	totalcost	Correlation Coefficient	1.000	.042
		Sig. (2-tailed)	.	.240
		N	800	800
	jeniskelamin	Correlation Coefficient	.042	1.000
		Sig. (2-tailed)	.240	.
		N	800	800

#### Correlations

			totalcost	jeniskelamin
Spearman's rho	totalcost	Correlation Coefficient	1.000	.042
		Sig. (2-tailed)	.	.240

	N	800	800
jeniskelamin	Correlation Coefficient	.042	1.000
	Sig. (2-tailed)	.240	.
	N	800	800

### Correlations

		Totalcost	jeniskelamin
Spearman's rho	totalcost	Correlation Coefficient	1.000
		Sig. (2-tailed)	.
		N	800
	jeniskelamin	Correlation Coefficient	.042
		Sig. (2-tailed)	.240
		N	800

### Lampiran 5. Surat Keterangan telah melaksanakan penelitian





**PEMERINTAH KOTA SEMARANG**  
**DINAS KESEHATAN**  
**UPTD.PUSKESMAS LAMPER TENGAH**

Alamat : Jl. Lamper Tengah Gang xv, telp.(024) 8444808  
Kecamatan Semarang Selatan Kode Pos 50248  
Email lampertengahpuskesmas@gmail.com



**SURAT KETERANGAN**  
NOMOR 445 / 213

Yang bertanda tangan di bawah ini :

Nama : dr. APRILIA MAHATMANTI  
NIP : 197904062009042003  
Jabatan : Kepala UPTD

Dengan ini menerangkan bahwa :

Nama : HESTI DWI WIDARYANTI  
NIM : 33101600442  
Fakultas : KEDOKTERAN PRODI FARMASI  
Universitas : UNIVERSITAS ISLAM SULTAN AGUNG

Telah melaksanakan penelitian / pengambilan data di wilayah kerja Puskesmas Lamper Tengah pada bulan 18 Agustus s/d 4 September 2020

Demikian surat ini dibuat untuk digunakan sebagaimana mestinya

Semarang, 12 September 2020

Kepala Puskesmas Lamper Tengah

  
dr. APRILIA MAHATMANTI  
NIP. 197904062009042003



**PEMERINTAH KOTA SEMARANG  
DINAS KESEHATAN  
UPTD PUSKESMAS MIJEN**

RM. Hadi Soebeno No.5 Mijen Semarang Telp (024)7711083 – 7711163 Kota Semarang  
Kode Pos:50215 e-mail : puskmijensemarang@yahoo.co.id

**SURAT KETERANGAN**

Nomor : B / 211 01072 / IX / 2020

Yang bertanda tangan di bawah ini :

Nama : dr. Siti Masfufah, M.Kes  
NIP : 19620818 199103 2 004  
Pangkat : Pembina / IVa  
Jabatan : Kepala UPTD Puskesmas Mijen

Dengan ini menerangkan bahwa :

Nama : Hesti Dwi Widaryanti  
NIM : 33101600442  
Jurusan : Prodi Farmasi Fakultas Kedokteran  
Institusi : Universitas Islam Sultan Agung Semarang

Telah melakukan pengambilan data di wilayah kerja Puskesmas Mijen Kota Semarang dengan judul: " Analisis Biaya Obat pada Pasien Prolanis (DM Tipe 2 dan Hipertensi) di Puskesmas pada Era Jaminan Kesehatan Nasional Studi di Fasilitas Kesehatan Tingkat Pertama di Kota Semarang".

Demikian Surat Keterangan ini dibuat untuk dapat dipergunakan sebagaimana mestinya.

Semarang, 16 September 2020

Kepala UPTD Puskesmas Mijen,



dr. Siti Masfufah, M.Kes



PEMERINTAH KOTA SEMARANG  
DINAS KESEHATAN KOTA SEMARANG  
UPTD PUSKESMAS MANGKANG



Jl. Jend Oerip Soemoharjo Km 16 ☎ (024) 8560675 Kec. Tugu - Semarang Kode Pos 50155

SURAT KETERANGAN  
NOMOR : 168/070/II/2021

Yang bertandatangan dibawah ini :

Nama : dr. YUNI ASTUTI  
N I P : 19730611 200212 2 004  
Jabatan : Kepala UPTD Puskesmas Mangkang

Dengan ini menerangkan bahwa mahasiswa UNISSULA Fakultas Kedokteran Prodi Farmasi Yang tersebut dibawah ini :

Nama : Hesti Dwi Widaryanti  
N I M : 33101600442

Telah melaksanakan Kegiatan Penelitian di Puskesmas Mangkang dengan judul "Analisis Biaya Obat Pada Pasien Prolanis (DM tipe 2 dan Hipertensi) di Puskesmas pada era Jaminan Kesehatan Nasional Studi di Fasilitas Kesehatan Tk Pertama di Kota Semarang" pada bulan Agustus 2020 sampai September 2020 dan pada saat ini mahasiswa tersebut sudah selesai melaksanakan kegiatan tersebut.

Demikian surat keterangan ini dibuat agar dapat dipergunakan sebagaimana mestinya.

11 Februari 2020  
Kepala UPTD Puskesmas Mangkang  
UPTD PUSKESMAS Mangkang 11041A01  
SEMARANG  
YUNI ASTUTI



**PEMERINTAH KOTA SEMARANG**  
**UPTD PUSKESMAS KARANGANYAR**

Jl. Tlrto, Karanganyar, Kec. Tugu Telp (024)8662080



Surat Keterangan

Nomor : B/ 1240 70 / II / 2020

Yang bertanda tangan di bawah ini :

Nama : dr. Reni Ervina  
 NIP : 19780629 200702 2 011  
 Pangkat / Gol : Penata Tk I / III d  
 Jabatan : Kepala UPTD Puskesmas Karanganyar

Menerangkan bahwa :

Nama : HESTI DWI WIDARYANTI  
 NIM : 33101600442  
 Mahasiswa : Fakultas Kedokteran Prodi Farmasi  
 Universitas Islam Sultan Agung  
 Semarang

Per tanggal dikeluarkan surat ini telah selesai melaksanakan kegiatan Penelitian di Wilayah Kerja Puskesmas Karanganyar dengan Judul / Topik Analisa Biaya Obat Pasien Prolanis ( DM Tipe 2 dan Hipertensi ) di Puskesmas Pada era Jaminan Kesehatan Nasional Study di Fasilitas Kesehatan Tingkat Pertama di Kota Semarang

Demikian Surat Keterangan ini dikeluarkan untuk dapat dipergunakan seperlunya

Semarang, September 2020

Kepala UPTD Puskesmas Karanganyar  
 Pelaksanaan Data Usaha

