

ANALISIS STATISTIK

Case Processing Summary

	Kelompok	Cases					
		Valid		Missing		Total	
		N	Percent	N	Percent	N	Percent
Kadar Gula Darah 1	Tanpa perlakuan	6	100,0%	0	0,0%	6	100,0%
	Glibenklamid	5	83,3%	1	16,7%	6	100,0%
	Yakon 1 kali pemberian	5	83,3%	1	16,7%	6	100,0%
	Yakon 2 kali pemberian	6	100,0%	0	0,0%	6	100,0%
	Tanpa perlakuan	6	100,0%	0	0,0%	6	100,0%
	Glibenklamid	5	83,3%	1	16,7%	6	100,0%
Kadar Gula Darah 2	Yakon 1 kali pemberian	5	83,3%	1	16,7%	6	100,0%
	Yakon 2 kali pemberian	6	100,0%	0	0,0%	6	100,0%
	Tanpa perlakuan	6	100,0%	0	0,0%	6	100,0%
	Glibenklamid	5	83,3%	1	16,7%	6	100,0%
	Yakon 1 kali pemberian	5	83,3%	1	16,7%	6	100,0%
	Yakon 2 kali pemberian	6	100,0%	0	0,0%	6	100,0%
Kadar Gula Darah 3	Tanpa perlakuan	6	100,0%	0	0,0%	6	100,0%
	Glibenklamid	5	83,3%	1	16,7%	6	100,0%
	Yakon 1 kali pemberian	5	83,3%	1	16,7%	6	100,0%
	Yakon 2 kali pemberian	6	100,0%	0	0,0%	6	100,0%
	Tanpa perlakuan	6	100,0%	0	0,0%	6	100,0%
	Glibenklamid	5	83,3%	1	16,7%	6	100,0%

Tests of Normality

	Kelompok	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
Kadar Gula Darah 1	Tanpa perlakuan	,249	6	,200*	,883	6	,285
	Glibenklamid	,242	5	,200*	,873	5	,279
	Yakon 1 kali pemberian	,256	5	,200*	,922	5	,545
	Yakon 2 kali pemberian	,229	6	,200*	,939	6	,648
Kadar Gula Darah 2	Tanpa perlakuan	,236	6	,200*	,915	6	,473
	Glibenklamid	,141	5	,200*	,979	5	,928
	Yakon 1 kali pemberian	,294	5	,182	,899	5	,406
	Yakon 2 kali pemberian	,211	6	,200*	,855	6	,173
Kadar Gula Darah 3	Tanpa perlakuan	,258	6	,200*	,900	6	,376
	Glibenklamid	,220	5	,200*	,913	5	,488
	Yakon 1 kali pemberian	,209	5	,200*	,957	5	,788
	Yakon 2 kali pemberian	,299	6	,100	,877	6	,257

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

a. Lilliefors Significance Correction

Test of Homogeneity of Variance

		Levene Statistic	df1	df2	Sig.
Kadar Gula Darah 1	Based on Mean	,621	3	18	,610
	Based on Median	,513	3	18	,678
	Based on Median and with adjusted df	,513	3	14,886	,680
	Based on trimmed mean	,614	3	18	,615
	Based on Mean	4,095	3	18	,022
Kadar Gula Darah 2	Based on Median	1,890	3	18	,167
	Based on Median and with adjusted df	1,890	3	9,647	,197
	Based on trimmed mean	3,986	3	18	,024
	Based on Mean	,919	3	18	,452
Kadar Gula Darah 3	Based on Median	,386	3	18	,764
	Based on Median and with adjusted df	,386	3	13,129	,765
	Based on trimmed mean	,880	3	18	,470

Oneway

Descriptives

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum	
					Lower Bound	Upper Bound			
Kadar Gula Darah 1	Tanpa perlakuan	6	94,5000	8,19146	3,34415	85,9036	103,0964	87,00	107,00
	Glibenklamid	6	112,1667	11,37395	4,64339	100,2304	124,1029	99,00	130,00
	Yakon 1 kali pemberian	6	99,8333	8,08497	3,30067	91,3487	108,3180	86,00	111,00
	Yakon 2 kali pemberian	6	93,3333	13,92360	5,68429	78,7214	107,9453	77,00	117,00
	Total	24	99,9583	12,53683	2,55907	94,6645	105,2522	77,00	130,00
Kadar Gula Darah 2	Tanpa perlakuan	6	134,3333	9,56382	3,90441	124,2967	144,3699	119,00	144,00
	Glibenklamid	5	123,4000	13,46477	6,02163	106,6813	140,1187	108,00	143,00
	Yakon 1 kali pemberian	5	139,0000	25,64176	11,46734	107,1615	170,8385	114,00	177,00
	Yakon 2 kali pemberian	6	140,5000	27,97678	11,42147	111,1402	169,8598	108,00	169,00
	Total	22	134,5909	20,30637	4,32933	125,5876	143,5942	108,00	177,00
Kadar Gula Darah 3	Tanpa perlakuan	6	130,6667	16,21933	6,62151	113,6455	147,6878	108,00	148,00
	Glibenklamid	5	87,0000	16,37071	7,32120	66,6731	107,3269	68,00	106,00
	Yakon 1 kali pemberian	5	89,0000	25,34758	11,33578	57,5268	120,4732	54,00	117,00
	Yakon 2 kali pemberian	6	106,1667	17,22111	7,03049	88,0942	124,2391	83,00	126,00
	Total	22	104,5909	25,16358	5,36489	93,4340	115,7478	54,00	148,00

ANOVA

		Sum of Squares	df	Mean Square	F	Sig.
Kadar Gula Darah 1	Between Groups	1336,458	3	445,486	3,910	,024
	Within Groups	2278,500	20	113,925		
	Total	3614,958	23			
Kadar Gula Darah 2	Between Groups	933,285	3	311,095	,725	,550
	Within Groups	7726,033	18	429,224		
	Total	8659,318	21			
Kadar Gula Darah 3	Between Groups	6857,152	3	2285,717	6,388	,004
	Within Groups	6440,167	18	357,787		
	Total	13297,318	21			

Post Hoc Tests

Multiple Comparisons

LSD

Dependent Variable	(I) Kelompok	(J) Kelompok	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval		
						Lower Bound	Upper Bound	
Kadar Gula Darah 1	Tanpa perlakuan	Glibenklamid	17,66667 [*]	6,16239	,010	30,5212	-4,8122	
		Yakon 1 kali pemberian	-5,33333	6,16239	,397	18,1878	7,5212	
		Yakon 2 kali pemberian	1,16667	6,16239	,852	11,6878	14,0212	
		Tanpa perlakuan	17,66667 [*]	6,16239	,010	4,8122	30,5212	
	Glibenklamid	Yakon 1 kali pemberian	12,33333	6,16239	,059	-,5212	25,1878	
		Yakon 2 kali pemberian	18,83333 [*]	6,16239	,006	5,9788	31,6878	
		Tanpa perlakuan	5,33333	6,16239	,397	-7,5212	18,1878	
		Yakon 1 kali pemberian	-12,33333	6,16239	,059	25,1878	-,5212	
	Yakon 2 kali pemberian	Yakon 2 kali pemberian	6,50000	6,16239	,304	-6,3545	19,3545	
		Tanpa perlakuan	-1,16667	6,16239	,852	14,0212	11,6878	
		Glibenklamid	18,83333 [*]	6,16239	,006	31,6878	-5,9788	
		Yakon 1 kali pemberian	-6,50000	6,16239	,304	19,3545	6,3545	
	Kadar Gula Darah 2	Tanpa perlakuan	Glibenklamid	10,93333	12,54520	,395	15,4232	37,2898
			Yakon 1 kali pemberian	-4,66667	12,54520	,714	31,0232	21,6898
Glibenklamid		Yakon 2 kali pemberian	-6,16667	11,96138	,612	31,2966	18,9633	
		Tanpa perlakuan	-10,93333	12,54520	,395	37,2898	15,4232	

		Yakon 1 kali pemberian	-15,60000	13,10304	,249	-	43,1285	11,9285
		Yakon 2 kali pemberian	-17,10000	12,54520	,190	-	43,4565	9,2565
		Tanpa perlakuan	4,66667	12,54520	,714	-	21,6898	31,0232
	Yakon 1 kali pemberian	Glibenklamid	15,60000	13,10304	,249	-	11,9285	43,1285
		Yakon 2 kali pemberian	-1,50000	12,54520	,906	-	27,8565	24,8565
		Tanpa perlakuan	6,16667	11,96138	,612	-	18,9633	31,2966
	Yakon 2 kali pemberian	Glibenklamid	17,10000	12,54520	,190	-9,2565	43,4565	
		Yakon 1 kali pemberian	1,50000	12,54520	,906	-	24,8565	27,8565
		Glibenklamid	43,66667*	11,45376	,001	19,6032	67,7301	
	Tanpa perlakuan	Yakon 1 kali pemberian	41,66667*	11,45376	,002	17,6032	65,7301	
		Yakon 2 kali pemberian	24,50000*	10,92073	,038	1,5564	47,4436	
		Tanpa perlakuan	-	11,45376	,001	-	-	-
		Glibenklamid	43,66667*	11,45376	,001	67,7301	19,6032	
	Glibenklamid	Yakon 1 kali pemberian	-2,00000	11,96306	,869	-	27,1335	23,1335
		Yakon 2 kali pemberian	-19,16667	11,45376	,112	-	43,2301	4,8968
		Tanpa perlakuan	-	11,45376	,002	-	-	-
		Glibenklamid	41,66667*	11,45376	,002	65,7301	17,6032	
	Yakon 1 kali pemberian	Glibenklamid	2,00000	11,96306	,869	-	23,1335	27,1335
		Yakon 2 kali pemberian	-17,16667	11,45376	,151	-	41,2301	6,8968
		Tanpa perlakuan	-	10,92073	,038	-	-	-1,5564
	Yakon 2 kali pemberian	Glibenklamid	24,50000*	10,92073	,038	47,4436	43,2301	
		Yakon 1 kali pemberian	19,16667	11,45376	,112	-4,8968	41,2301	
		Glibenklamid	17,16667	11,45376	,151	-6,8968	41,2301	

*. The mean difference is significant at the 0.05 level.



Fakultas Kedokteran dan Ilmu Kesehatan
Universitas Muhammadiyah Yogyakarta

**SURAT KETERANGAN
KELAYAKAN ETIKA PENELITIAN**

Nomor : 015/EP-FKIK-UMY/II/2015

Komisi Etika Penelitian Fakultas Kedokteran dan Ilmu Kesehatan Universitas Muhammadiyah Yogyakarta yang terdiri atas :

1. Prof. dr.H. Djauhar Ismail, Sp.A(K)., Ph.D
2. Prof.Dr.dr.H. Soewito A, Sp.THT-KL
3. drg. Ana Medawati, M.Kes
4. dr. Dirwan Suryo Soularto, Sp.F., M.Sc
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8. Sri Sumaryani, S.Kep.,Ns.M.Kep.,Sp.Mat
9. Dr. Susanto, MS
10. Hari Widada, M.Sc., Apt

Telah mengkaji permohonan kelayakan etika penelitian yang diajukan oleh :

Nama Peneliti : Taufik Akbar
N I M : 20070320114
Judul Penelitian : Efektifitas Daun Insulin (*Smallanthus Sonchifolia*) dalam Menurunkan Kadar Glukosa Darah pada *Rattus Norvegicus* dengan Diabetes Tipe II
Pada Tanggal : 20 Desember 2014
Dengan hasil : Layak Etik
Catatan dan Saran : Perhatikan Confounding Faktornya

Demikian surat keterangan ini diberikan untuk dapat digunakan sebagaimana mestinya.

Yogyakarta, 05 Januari 2015

Sekretaris,

drg. Ana Medawati, M.Kes

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