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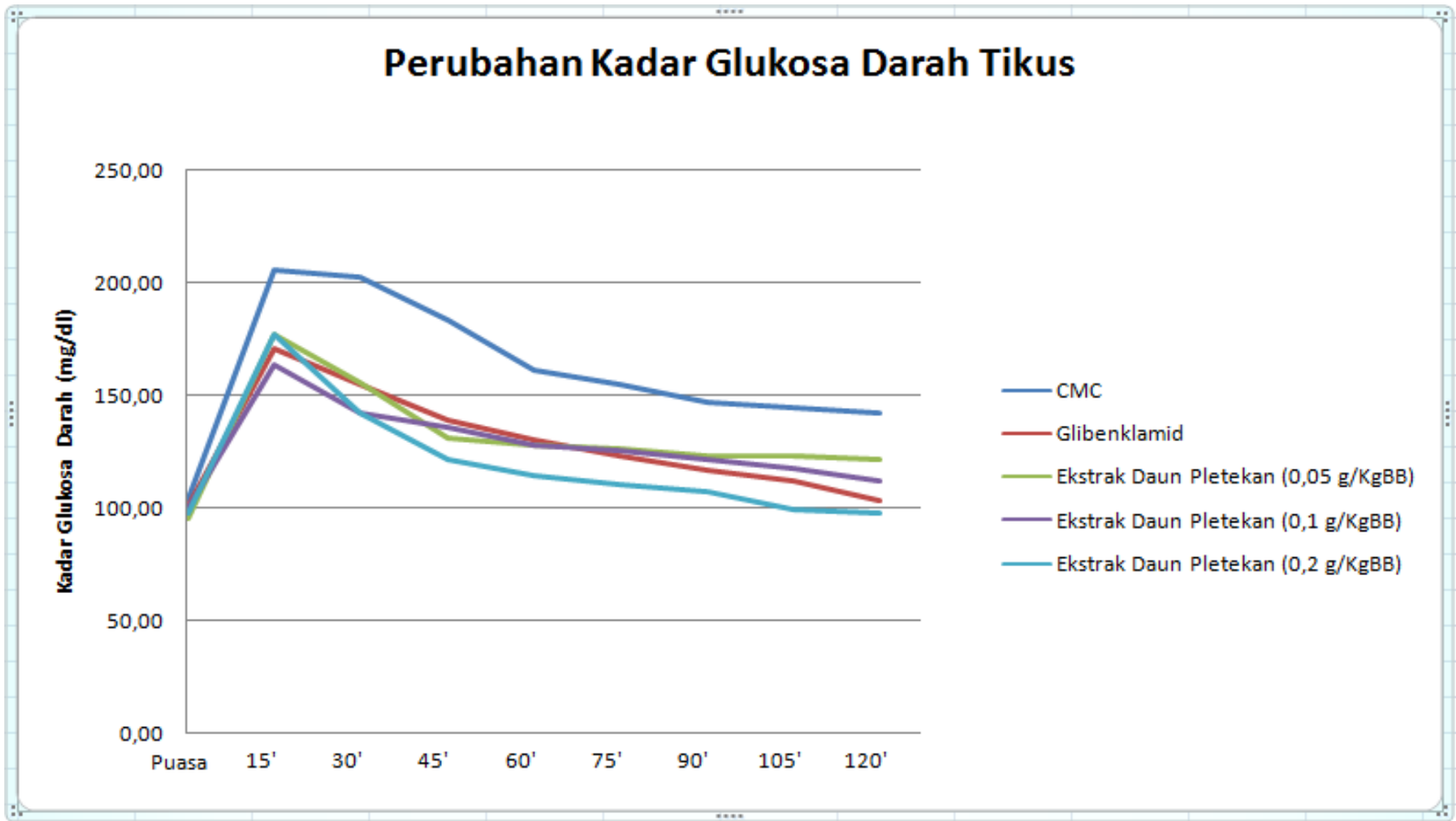
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LAMPIRAN 1. Tabel dan Grafik Hasil Penelitian Kadar Glukosa Darah Pada Tikus Putih

Tabel 6. Tabel Hasil Penelitian Kadar Glukosa Darah PadaTikus Putih

Tikus		Berat Badan Tikus Puasa (g)	Kadar Gula Darah Tikus Putih (mg/dl)									
			Awal	Puasa	KGD Setelah Pemberian Glukosa							
					15'	30'	45'	60'	75'	90'	105'	120'
CMC	1	197	111	109	206	202	180	162	158	150	145	142
	2	126	121	107	213	210	190	160	155	150	149	148
	3	123	116	95	198	196	180	160	150	140	138	136
Rata- rata		148,67	116,00	103,67	205,67	202,67	183,33	160,67	154,33	146,67	144,00	142,00
SD		41,88	4,08	6,18	7,51	7,02	5,77	1,15	4,04	5,77	5,57	6
GLIBENKLAMID	1	109	119	97	184	152	144	136	130	131	129	126
	2	120	116	109	189	177	158	140	136	128	128	106
	3	130	120	97	138	134	114	114	104	91	78	78
Rata- rata		119,67	118,33	101,00	170,33	154,33	138,67	130,00	123,33	116,67	111,67	103,33
SD		10,50	2,08	6,93	28,11	21,59	22,48	14,00	17,01	22,28	29,16	24,11
Q1 (0,05 g/KgBB)	1	131	119	87	160	156	121	120	120	120	119	115
	2	113	130	104	193	155	143	136	133	127	127	126
	3	122	125	96	177	156	129	128	126	123	123	123
Rata- rata		122	124,67	95,67	176,67	155,67	131	128,00	126,33	123,33	123	121,33
SD		9	5,51	8,50	176,67	0,58	11,14	8,00	6,51	3,51	4	5,69
Q2 (0,1 g/KgBB)	1	139	133	113	175	152	152	138	133	129	126	114
	2	151	134	86	165	127	123	114	113	111	107	107
	3	145	134	100	151	146	131	130	129	123	118	114
Rata- rata		145	133,67	99,67	163,67	141,67	135,33	127,33	125,00	121	117	111,67
SD		6	0,58	13,50	12,06	13,05	14,98	12,22	10,58	9,17	9,54	4,04
Q3 (0,2 g/KgBB)	1	184	141	111	192	133	127	117	109	106	101	98
	2	107	115	84	163	152	121	112	110	107	97	98
	3	145	128	98	177	143	117	115	113	109	99	98
Rata- rata		145,33	128	97,67	177,33	142,67	121,67	114,67	110,67	107,33	99	98
SD		38,50	13	13,50	14,50	9,50	5,03	2,52	2,08	1,53	2	0

Gambar 1. Grafik Perubahan Kadar Glukosa Darah Tikus



LAMPIRAN 2. Tabel Anova Satu Arah dan Hasil Uji Rata- rata Duncan

Tabel 7. Data Hasil Percobaan Diolah Secara Anova Satu Arah

ANOVA

		Sum of Squares	df	Mean Square	F	Sig.
KGDa	Between Groups	617,733	4	154,433	3,372	,054
	Within Groups	458,000	10	45,800		
	Total	1075,733	14			
KGDp	Between Groups	113,067	4	28,267	,261	,897
	Within Groups	1084,667	10	108,467		
	Total	1197,733	14			
KGD15	Between Groups	3087,600	4	771,900	2,617	,099
	Within Groups	2949,333	10	294,933		
	Total	6036,933	14			
KGD30	Between Groups	6415,333	4	1603,833	6,698	,007
	Within Groups	2394,667	10	239,467		
	Total	8810,000	14			
KGD45	Between Groups	4549,733	4	1137,433	6,505	,008
	Within Groups	1748,667	10	174,867		
	Total	6298,400	14			
KGD60	Between Groups	2122,667	4	530,667	6,868	,006
	Within Groups	772,667	10	77,267		
	Total	2895,333	14			
KGD75	Between Groups	1962,267	4	490,567	5,660	,012
	Within Groups	866,667	10	86,667		
	Total	2828,933	14			
KGD90	Between Groups	1739,067	4	434,767	4,545	,024
	Within Groups	956,667	10	95,667		
	Total	2695,733	14			
KGD105	Between Groups	2652,933	4	663,233	5,289	,015
	Within Groups	1254,000	10	125,400		
	Total	3906,933	14			
KGD120	Between Groups	3614,933	4	903,733	6,785	,007
	Within Groups	1332,000	10	133,200		
	Total	4946,933	14			

Tabel 8. Hasil Uji Beda Rata- rata Duncan

KGDa

	Perlakuan	N	Subset for alpha = 0.05	
			1	2
Duncan[a]	CMC	3	116,0000	
	Glibenklamid	3	118,3333	
	Q1	3	124,6667	124,6667
	Q3	3	128,0000	128,0000
	Q2	3		133,6667
	Sig.		,070	,151

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3,000.

KGDp

	Perlakuan	N	Subset for alpha = 0.05
			1
Duncan[a]	Q1	3	95,6667
	Q3	3	97,6667
	Q2	3	99,6667
	Glibenklamid	3	101,0000
	CMC	3	103,6667
	Sig.		,405

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3,000.

KGD15

	Perlakuan	N	Subset for alpha = 0.05	
			1	2
Duncan[a]	Q2	3	163,6667	
	Glibenklamid	3	170,3333	
	Q1	3	176,6667	176,6667
	Q3	3	177,3333	177,3333
	CMC	3		205,6667
	Sig.		,384	,076

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3,000.

KGD30

	Perlakuan	N	Subset for alpha = 0.05	
			1	2
Duncan[a]	Q2	3	142,3333	
	Glibenklamid	3	154,3333	
	Q1	3	155,6667	
	Q3	3	160,0000	
	CMC	3		202,6667
	Sig.		,221	1,000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3,000.

KGD45

	Perlakuan	N	Subset for alpha = 0.05	
			1	2
Duncan[a]	Q2	3	135,3333	
	Glibenklamid	3	138,6667	
	Q1	3	143,6667	
	Q3	3	145,0000	
	CMC	3		183,3333
	Sig.		,423	1,000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3,000.

KGD60

	Perlakuan	N	Subset for alpha = 0.05	
			1	2
Duncan[a]	Q2	3	127,3333	
	Glibenklamid	3	130,0000	
	Q3	3	134,6667	
	Q1	3	135,6667	
	CMC	3		160,6667
	Sig.		,304	1,000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3,000.

KGD75

	Perlakuan	N	Subset for alpha = 0.05	
			1	2
Duncan[a]	Glibenklamid	3	123,3333	
	Q2	3	125,0000	
	Q3	3	126,6667	
	Q1	3	130,3333	
	CMC	3		154,3333
	Sig.		,410	1,000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3,000.

KGD90

	Perlakuan	N	Subset for alpha = 0.05	
			1	2
Duncan[a]	Q3	3	116,6667	
	Glibenklamid	3	119,6667	
	Q2	3	121,0000	
	Q1	3	125,3333	
	CMC	3		146,6667
	Sig.		,335	1,000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3,000.

KGD105

	Perlakuan	N	Subset for alpha = 0.05	
			1	2
Duncan[a]	Q3	3	103,6667	
	Glibenklamid	3	115,3333	
	Q2	3	117,0000	
	Q1	3	123,6667	123,6667
	CMC	3		144,0000
	Sig.		,069	,050

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3,000.

KGD120

	Perlakuan	N	Subset for alpha = 0.05		
			1	2	3
Duncan[a]	Q3	3	98,0000		
	Glibenklamid	3	103,3333	103,3333	
	Q2	3	111,6667	111,6667	
	Q1	3		121,3333	121,3333
	CMC	3			142,0000
	Sig.		,196	,098	,053

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3,000.

LAMPIRAN 3. Perlakuan Dalam Penelitian



Gambar 2. Ekstrak Daun Pletekan



Gambar 3. Tanaman Pletekan, daun pletekan segar, simplisia daun pletekan



Gambar 4. Pemberian larutan obat pada tikus secara oral



Gambar 5. Kondisi tikus dalam selongsong sebelum ekornya dipotong



Gambar 6. Glukometer dan strip cek gula darah

LAMPIRAN 4. Tabel Konversi Perhitungan Dosis dan Tempat Melaksanakan Penelitian

TABEL KONVERSI PERHITUNGAN DOSIS

(Laurence & Bacharach, 1964)

	Mencit 20 gr	Tikus 200 gr	Marmot 400 gr	Kelinci 1,5 kg	Kucing 2 kg	Kera 4 kg	Anjing 12 kg	Manusia 70 kg
Mencit 20 gr	1.0	7.0	12.25	27.8	29.7	64.1	124.2	387.9
Tikus 200 gr	0.14	1.0	1.74	3.9	4.2	9.2	17.8	56.0
Marmot 400 gr	0.08	0.57	1.0	2.25	2.4	5.2	10.2	31.5
Kelinci 1,5 kg	0.04	0.25	0.44	1.0	1.08	2.4	4.5	14.2
Kucing 2 kg	0.03	0.23	0.41	0.92	1.0	2.2	4.1	13.0
Kera 4 kg	0.016	0.11	0.19	0.42	0.45	1.0	1.9	6.1
Anjing 12 kg	0.008	0.06	0.1	0.22	0.24	0.52	1.0	3.1
Manusia 70 kg	0.0026	0.018	0.031	0.07	0.076	0.16	0.32	1.0