

LAMPIRAN 1

KOMISI BIOETIKA PENELITIAN KEDOKTERAN/KESEHATAN

FAKULTAS KEDOKTERAN

UNIVERSITAS ISLAM SULTAN AGUNG SEMARANG

Sekretariat : Gedung C Lantai I Fakultas Kedokteran Unissula
Jl. Raya Kaligawe Km 4 Semarang, Telp. 024-6583584, Fax 024-6594366

Ethical Clearance

No. 110/II/2019/Komisi Bioetik

Komisi Bioetika Penelitian Kedokteran/Kesehatan Fakultas Kedokteran Universitas Islam Sultan Agung Semarang, setelah melakukan pengkajian atas usulan penelitian yang berjudul :

PENGARUH EKSTRAK ALFALFA TERHADAP JUMLAH LIMFOSIT, EKSPRESI VCAM DAN KEPADATAN KOLAGEN

Penelitian Pada Tikus Putih Jantan Galur Wistar Yang Dibuak Luka Iris

Peneliti Utama : Yustiana Arie Suwanto
Pembimbing : Dr. dr. Hj. Chodidjah, M.Kes. PA
Dr. Dra. Atina Hussaana, M.Si., Apt
Tempat Penelitian :Laboratorium Farmasi UNWAHAS Semarang
Laboratorium PA Rumah Sakit Islam Sultan Agung Semarang

dengan ini menyatakan bahwa usulan penelitian diatas telah memenuhi prasyarat etik penelitian. Oleh karena itu Komisi Bioetika merekomendasikan agar penelitian ini dapat dilaksanakan dengan mempertimbangkan prinsip-prinsip yang dinyatakan dalam Deklarasi Helsinki dan panduan yang tertuang dalam Pedoman Nasional Etik Penelitian Kesehatan (PNEPK) Departemen Kesehatan RI tahun 2004.

Semarang, 14 Februari 2019

Komisi Bioetika Penelitian Kedokteran/Kesehatan
Fakultas Kedokteran Unissula

Ketua,

(dr. Sofwan Dahlan, Sp.F(K))

LAMPIRAN 2



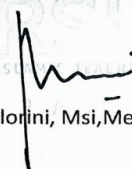
LABORATORIUM PATOLOGI ANATOMI

SURAT KETERANGAN

Hasil penghitungan makrofag

No sampel	LAPANG PANDANG									
	I	II	III	IV	V	VI	VII	VIII	IX	X
1.1	0	0	10	21	2	13	11	0	23	9
1.2	0	0	0	3	2	22	4	7	6	13
1.3	0	0	7	7	14	26	48	15	13	23
1.4	25	10	39	28	32	23	9	10	5	4
1.5	18	12	8	14	32	26	41	29	28	14
2.1	0	4	0	2	10	0	0	3	0	0
2.2	29	10	14	15	5	0	0	0	35	18
2.3	6	7	10	19	31	31	0	0	0	9
2.4	13	10	10	29	5	4	3	15	9	0
2.5	0	0	0	0	0	0	0	3	10	6
3.1	0	0	0	0	2	4	2	5	29	35
3.2	0	0	0	0	7	4	4	0	5	21
3.3	4	8	0	2	0	2	3	4	6	12
3.4	0	0	21	12	9	18	0	7	0	0
3.5	0	0	2	0	0	3	5	0	0	0
4.1	29	4	0	6	6	0	0	4	14	0
4.2	0	12	0	0	7	0	17	10	3	0
4.3	9	30	30	21	39	18	6	11	8	16
4.4	4	24	21	11	29	33	18	13	12	5
4.5	19	12	4	2	0	0	7	4	0	17
5.1	7	51	22	79	142	80	62	75	57	55
5.2	12	66	37	28	31	13	29	33	75	88
5.3	25	7	18	51	6	8	8	7	0	12
5.4	53	24	32	35	12	11	14	5	6	2

Semarang, 26 Maret 2019


dr. Susilorini, Msi, Med, SpPA

LAMPIRAN 3

HASIL PERHITUNGAN KUANTITATIF JUMLAH MAKROFAG

Descriptives				
	kelompok		Statistic	Std. Error
makrofag	k0	Mean	315.20	91.349
		95% Confidence Interval for Mean	Lower Bound 61.57	
			Upper Bound 568.83	
		5% Trimmed Mean	307.33	
		Median	198.00	
		Variance	41723.200	
		Std. Deviation	204.263	
		Minimum	142	
		Maximum	630	
		Range	488	
		Interquartile Range	353	
		Skewness	1.150	.913
		Kurtosis	.051	2.000
	p1	Mean	75.80	22.815
		95% Confidence Interval for Mean	Lower Bound 12.45	
			Upper Bound 139.15	
		5% Trimmed Mean	76.17	
		Median	98.00	
		Variance	2602.700	
		Std. Deviation	51.017	
		Minimum	19	
		Maximum	126	
		Range	107	
		Interquartile Range	99	
		Skewness	-.444	.913
		Kurtosis	-3.075	2.000
	p2	Mean	47.20	11.706
		95% Confidence Interval for Mean	Lower Bound 14.70	

		Mean	Upper Bound	79.70	
		5% Trimmed Mean		47.61	
		Median		41.00	
		Variance		685.200	
		Std. Deviation		26.176	
		Minimum		10	
		Maximum		77	
		Range		67	
		Interquartile Range		47	
		Skewness		-.412	.913
		Kurtosis		-.385	2.000
	p3	Mean		105.20	28.461
		95% Confidence Interval for Mean	Lower Bound	26.18	
			Upper Bound	184.22	
		5% Trimmed Mean		104.22	
		Median		65.00	
		Variance		4050.200	
		Std. Deviation		63.641	
		Minimum		49	
		Maximum		179	
		Range		130	
		Interquartile Range		119	
		Skewness		.576	.913
		Kurtosis		-3.195	2.000
	k1	Mean		141.60	30.374
		95% Confidence Interval for Mean	Lower Bound	57.27	
			Upper Bound	225.93	
		5% Trimmed Mean		141.83	
		Median		155.00	
		Variance		4612.800	
		Std. Deviation		67.918	
		Minimum		57	
		Maximum		222	

	Range	165	
	Interquartile Range	131	
	Skewness	-.196	.913
	Kurtosis	-1.876	2.000

Tests of Normality

	kelompok	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
makrofag	k0	.317	5	.112	.851	5	.199
	p1	.268	5	.200 [*]	.828	5	.134
	p2	.206	5	.200 [*]	.942	5	.679
	p3	.336	5	.067	.777	5	.052
	k1	.181	5	.200 [*]	.956	5	.782

Descriptives

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
k0	5	141.60	67.918	30.374	57.27	225.93	57	222
p1	5	75.80	51.017	22.815	12.45	139.15	19	126
p2	5	47.20	26.176	11.706	14.70	79.70	10	77
p3	5	105.20	63.641	28.461	26.18	184.22	49	179
k1	5	315.20	204.263	91.349	61.57	568.83	142	630
Total	25	137.00	135.044	27.009	81.26	192.74	10	630

Test of Homogeneity of Variances

Levene Statistic	df1	df2	Sig.
8.458	4	20	.000

Kruskal-Wallis Test

Ranks			
	kelompok	N	Mean Rank
makrofag	k1	5	15.80
	p1	5	9.40
	p2	5	6.20
	p3	5	12.00
	k0	5	21.60
	Total	25	

Test Statistics ^{a,b}	
	makrofag
Chi-Square	13.113
df	4
Asymp. Sig.	.011

a. Kruskal Wallis Test

b. Grouping Variable:
kelompok

Mann-Whitney Test

Ranks				
	kelompok	N	Mean Rank	Sum of Ranks
makrofag	k1	5	6.80	34.00
	p1	5	4.20	21.00
	Total	10		

Test Statistics ^a	
	makrofag
Mann-Whitney U	6.000
Wilcoxon W	21.000
Z	-1.358
Asymp. Sig. (2-tailed)	.175
Exact Sig. [2*(1-tailed Sig.)]	.222 ^b

Ranks				
	kelompok	N	Mean Rank	Sum of Ranks
makrofag	k1	5	7.60	38.00
	p2	5	3.40	17.00
	Total	10		

Test Statistics ^a	
	Makrofag
Mann-Whitney U	2.000
Wilcoxon W	17.000
Z	-2.200
Asymp. Sig. (2-tailed)	.028
Exact Sig. [2*(1-tailed Sig.)]	.032 ^b

Ranks				
	kelompok	N	Mean Rank	Sum of Ranks
makrofag	k1	5	6.40	32.00
	p3	5	4.60	23.00
	Total	10		

Test Statistics ^a	
	makrofag
Mann-Whitney U	8.000
Wilcoxon W	23.000
Z	-.940
Asymp. Sig. (2-tailed)	.347
Exact Sig. [2*(1-tailed Sig.)]	.421 ^b

Ranks				
	kelompok	N	Mean Rank	Sum of Ranks
makrofag	k1	5	4.00	20.00
	k0	5	7.00	35.00
	Total	10		

Test Statistics ^a	
	makrofag
Mann-Whitney U	5.000
Wilcoxon W	20.000
Z	-1.567
Asymp. Sig. (2-tailed)	.117
Exact Sig. [2*(1-tailed Sig.)]	.151 ^b

Ranks				
	kelompok	N	Mean Rank	Sum of Ranks
makrofag	p1	5	6.40	32.00
	p2	5	4.60	23.00
	Total	10		

Test Statistics ^a	
	makrofag
Mann-Whitney U	8.000
Wilcoxon W	23.000
Z	-.943
Asymp. Sig. (2-tailed)	.346
Exact Sig. [2*(1-tailed Sig.)]	.421 ^b

Ranks				
	kelompok	N	Mean Rank	Sum of Ranks
makrofag	p1	5	4.80	24.00
	p3	5	6.20	31.00
	Total	10		

Test Statistics ^a	
	makrofag
Mann-Whitney U	.000
Wilcoxon W	15.000
Z	-2.611
Asymp. Sig. (2-tailed)	.009
Exact Sig. [2*(1-tailed Sig.)]	.008 ^b

Ranks				
	Kelompok	N	Mean Rank	Sum of Ranks
makrofag	p1	5	3.00	15.00
	k0	5	8.00	40.00
	Total	10		

Test Statistics ^a	
	Makrofag
Mann-Whitney U	.000
Wilcoxon W	15.000
Z	-2.611
Asymp. Sig. (2-tailed)	.009
Exact Sig. [2*(1-tailed Sig.)]	.008 ^b

Ranks				
	kelompok	N	Mean Rank	Sum of Ranks
makrofag	p2	5	4.20	21.00
	p3	5	6.80	34.00
	Total	10		

Test Statistics ^a	
	makrofag
Mann-Whitney U	6.000
Wilcoxon W	21.000
Z	-1.362
Asymp. Sig. (2-tailed)	.173
Exact Sig. [2*(1-tailed Sig.)]	.222 ^b

Ranks				
	kelompok	N	Mean Rank	Sum of Ranks
makrofag	p2	5	3.00	15.00
	k0	5	8.00	40.00
	Total	10		

Test Statistics ^a	
	Makrofag
Mann-Whitney U	.000
Wilcoxon W	15.000
Z	-2.619
Asymp. Sig. (2-tailed)	.009
Exact Sig. [2*(1-tailed Sig.)]	.008 ^b

Ranks				
	kelompok	N	Mean Rank	Sum of Ranks
makrofag	p3	5	3.40	17.00
	k0	5	7.60	38.00
	Total	10		

Test Statistics ^a	
	makrofag
Mann-Whitney U	2.000
Wilcoxon W	17.000
Z	-2.193
Asymp. Sig. (2-tailed)	.028
Exact Sig. [2*(1-tailed Sig.)]	.032 ^b

LAMPIRAN 4

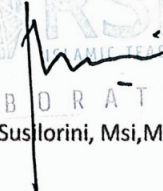


LABORATORIUM PATOLOGI ANATOMI SURAT KETERANGAN

Hasil penghitungan fibroblas

No sampel	LAPANG PANDANG									
	I	II	III	IV	V	VI	VII	VIII	IX	X
1.1	0	0	4	7	2	8	4	0	6	6
1.2	0	0	0	0	3	9	3	8	3	0
1.3	0	0	0	0	6	8	11	11	8	10
1.4	0	0	7	17	9	11	2	3	6	2
1.5	4	0	5	0	6	6	0	0	0	0
2.1	0	3	4	7	22	10	4	5	5	6
2.2	5	2	6	3	0	0	0	8	10	6
2.3	0	4	5	7	20	6	4	6	6	2
2.4	0	0	0	7	1	2	6	4	0	0
2.5	0	0	0	0	4	3	0	0	15	10
3.1	8	11	9	5	3	3	7	15	19	23
3.2	0	2	0	0	0	0	0	6	3	4
3.3	11	8	11	11	12	10	16	11	5	11
3.4	8	0	3	0	2	9	9	11	18	8
3.5	0	4	5	3	4	4	4	3	6	2
4.1	15	4	6	18	7	15	24	20	20	13
4.2	0	7	0	0	9	7	9	15	11	10
4.3	0	0	6	21	15	17	23	16	13	11
4.4	8	4	5	0	28	17	20	23	26	4
4.5	7	5	0	11	7	4	12	7	5	9
5.1	0	8	2	14	23	16	14	18	27	20
5.2	8	9	17	13	0	2	8	10	5	7
5.3	5	2	14	16	0	10	7	0	3	5
5.4	5	0	3	13	17	14	9	15	4	2
5.5	4	7	12	8	10	15	5	0	2	5

Semarang, 26 Maret 2019


LABORATORIUM
dr. Susilorini, Msi, Med, SpPA

LAMPIRAN 5

HASIL PERHITUNGAN KUANTITATIF JUMLAH FIBROBLAS

Descriptives ^a				
	Kelompok		Statistic	Std. Error
fibroblas	k0	Mean	86.60	14.316
		95% Confidence Interval for Mean	Lower Bound 46.85	
			Upper Bound 126.35	
		5% Trimmed Mean	84.89	
		Median	79.00	
		Variance	1024.800	
		Std. Deviation	32.012	
		Minimum	62	
		Maximum	142	
		Range	80	
		Interquartile Range	47	
		Skewness	1.882	.913
		Kurtosis	3.795	2.000
	p1	Mean	43.60	8.588
		95% Confidence Interval for Mean	Lower Bound 19.75	
			Upper Bound 67.45	
		5% Trimmed Mean	43.67	
		Median	40.00	
		Variance	368.800	
		Std. Deviation	19.204	
		Minimum	20	
		Maximum	66	
		Range	46	
		Interquartile Range	37	
		Skewness	.053	.913
		Kurtosis	-2.003	2.000
	p2	Mean	65.40	18.074
		95% Confidence Interval for Mean	Lower Bound 15.22	
			Upper Bound 115.58	
		5% Trimmed Mean	65.94	

	Median	68.00	
	Variance	1633.300	
	Std. Deviation	40.414	
	Minimum	15	
	Maximum	106	
	Range	91	
	Interquartile Range	80	
	Skewness	-.227	.913
	Kurtosis	-2.367	2.000
p3	Mean	106.80	16.363
	95% Confidence Interval for Mean	Lower Bound Upper Bound	61.37 152.23
	5% Trimmed Mean	107.06	
	Median	122.00	
	Variance	1338.700	
	Std. Deviation	36.588	
	Minimum	67	
	Maximum	142	
	Range	75	
	Interquartile Range	71	
	Skewness	-.442	.913
	Kurtosis	-3.120	2.000
k1	Mean	39.00	7.232
	95% Confidence Interval for Mean	Lower Bound Upper Bound	18.92 59.08
	5% Trimmed Mean	39.00	
	Median	37.00	
	Variance	261.500	
	Std. Deviation	16.171	
	Minimum	21	
	Maximum	57	
	Range	36	
	Interquartile Range	32	
	Skewness	.115	.913
	Kurtosis	-2.714	2.000

Tests of Normality^a

		Kolmogorov-Smirnov ^b			Shapiro-Wilk		
	kelompok	Statistic	df	Sig.	Statistic	df	Sig.
fibroblas	k0	.357	5	.036	.780	5	.055
	p1	.203	5	.200 [*]	.945	5	.699
	p2	.224	5	.200 [*]	.905	5	.438
	p3	.261	5	.200 [*]	.814	5	.105
	k1	.223	5	.200 [*]	.900	5	.411

Descriptives

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
k0	5	86.60	32.012	14.316	46.85	126.35	62	142
p1	5	43.60	19.204	8.588	19.75	67.45	20	66
p2	5	65.40	40.414	18.074	15.22	115.58	15	106
p3	5	106.80	36.588	16.363	61.37	152.23	67	142
k1	5	39.00	16.171	7.232	18.92	59.08	21	57
Total	25	68.28	38.177	7.635	52.52	84.04	15	142

Test of Homogeneity of Variances

Levene Statistic	df1	df2	Sig.
2.038	4	20	.128

ANOVA

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	16470.640	4	4117.660	4.450	.010
Within Groups	18508.400	20	925.420		
Total	34979.040	24			

Post Hoc Tests

Multiple Comparisons

Dependent Variable: fibroblas

Tukey HSD

(I) kelompok	(J) kelompok	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
k1	p1	-4.60000	19.23975	.999	-62.1725	52.9725
	p2	-26.40000	19.23975	.651	-83.9725	31.1725
	p3	-67.80000*	19.23975	.016	-125.3725	-10.2275
	k0	-47.60000	19.23975	.137	-105.1725	9.9725
p1	k1	4.60000	19.23975	.999	-52.9725	62.1725
	p2	-21.80000	19.23975	.787	-79.3725	35.7725
	p3	-63.20000*	19.23975	.027	-120.7725	-5.6275
	k0	-43.00000	19.23975	.208	-100.5725	14.5725
p2	k1	26.40000	19.23975	.651	-31.1725	83.9725
	p1	21.80000	19.23975	.787	-35.7725	79.3725
	p3	-41.40000	19.23975	.238	-98.9725	16.1725
	k0	-21.20000	19.23975	.804	-78.7725	36.3725
p3	k1	67.80000*	19.23975	.016	10.2275	125.3725
	p1	63.20000*	19.23975	.027	5.6275	120.7725
	p2	41.40000	19.23975	.238	-16.1725	98.9725
	k0	20.20000	19.23975	.829	-37.3725	77.7725
k0	k1	47.60000	19.23975	.137	-9.9725	105.1725
	p1	43.00000	19.23975	.208	-14.5725	100.5725
	p2	21.20000	19.23975	.804	-36.3725	78.7725
	p3	-20.20000	19.23975	.829	-77.7725	37.3725

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

Homogeneous Subsets

Tukey HSD^a

kelompok	N	Subset for alpha = 0.05	
		1	2
k1	5	39.0000	65.4000
p1	5	43.6000	
p2	5	65.4000	
k0	5	86.6000	
p3	5		106.8000
Sig.		.137	.238

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 5.000.

LAMPIRAN 6

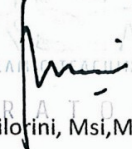


LABORATORIUM PATOLOGI ANATOMI SURAT KETERANGAN

Hasil pembacaan kolagen

No	No tikus	Area fraksi (%)
1	1.1	29.91
2	1.2	36.85
3	1.3	44.21
4	1.4	31.85
5	1.5	39.03
6	2.1	44.84
7	2.2+	40.11
8	2.3	54.22
9	2.4	42.49
10	2.5	48.81
11	3.1	51.50
12	3.2	44.73
13	3.3	44.83
14	3.4	52.22
15	3.5	41.24
16	4.1	59.90
17	4.2	49.71
18	4.3+	31.15
19	4.4	45.54
20	4.5	37.13
21	5.1	14.95
22	5.2	26.50
23	5.3	26.99
24	5.4	25.53
25	5.5	27.09

Semarang, 28 Maret 2019


dr. Susilorini, Msi, Med, SpPA

LAMPIRAN 7

HASIL PERHITUNGAN KUANTITATIF JUMLAH KOLAGEN

Descriptives ^a				
	kelompok		Statistic	Std. Error
kolagen	k0	Mean	24.2120	2.33192
		95% Confidence Interval for Mean	Lower Bound 17.7376	
			Upper Bound 30.6864	
		5% Trimmed Mean	24.5667	
		Median	26.5000	
		Variance	27.189	
		Std. Deviation	5.21433	
		Minimum	14.95	
		Maximum	27.09	
		Range	12.14	
		Interquartile Range	6.80	
		Skewness	-2.160	.913
		Kurtosis	4.711	2.000
	p1	Mean	46.0920	2.48895
		95% Confidence Interval for Mean	Lower Bound 39.1816	
			Upper Bound 53.0024	
		5% Trimmed Mean	45.9733	
		Median	44.8400	
		Variance	30.974	
		Std. Deviation	5.56547	
		Minimum	40.10	
		Maximum	54.22	
		Range	14.12	
		Interquartile Range	10.22	
		Skewness	.709	.913
		Kurtosis	-.340	2.000
	p2	Mean	46.9040	2.12711
		95% Confidence Interval for Mean	Lower Bound 40.9982	
			Upper Bound 52.8098	
		5% Trimmed Mean	46.9233	

	Median		44.8300	
	Variance		22.623	
	Std. Deviation		4.75636	
	Minimum		41.24	
	Maximum		52.22	
	Range		10.98	
	Interquartile Range		8.88	
	Skewness		.180	.913
	Kurtosis		-2.346	2.000
p3	Mean		44.6860	4.98875
	95% Confidence Interval for Mean	Lower Bound	30.8350	
		Upper Bound	58.5370	
	5% Trimmed Mean		44.5928	
	Median		45.5400	
	Variance		124.438	
	Std. Deviation		11.15518	
	Minimum		31.15	
	Maximum		59.90	
	Range		28.75	
	Interquartile Range		20.67	
	Skewness		.221	.913
	Kurtosis		-.651	2.000
k1	Mean		38.3700	3.63410
	95% Confidence Interval for Mean	Lower Bound	28.2801	
		Upper Bound	48.4599	
	5% Trimmed Mean		38.2478	
	Median		36.8500	
	Variance		66.033	
	Std. Deviation		8.12609	
	Minimum		29.91	
	Maximum		49.03	
	Range		19.12	
	Interquartile Range		15.74	
	Skewness		.407	.913
	Kurtosis		-1.977	2.000

Tests of Normality^a

	kelompok	Kolmogorov-Smirnov ^b			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
kolagen	k0	.400	5	.009	.652	5	.003
	p1	.189	5	.200 [*]	.961	5	.813
	p2	.269	5	.200 [*]	.882	5	.317
	p3	.151	5	.200 [*]	.985	5	.960
	k1	.189	5	.200 [*]	.932	5	.611

Descriptives

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
k0	5	24.2120	5.21433	2.33192	17.7376	30.6864	14.95	27.09
p1	5	46.0920	5.56547	2.48895	39.1816	53.0024	40.10	54.22
p2	5	46.9040	4.75636	2.12711	40.9982	52.8098	41.24	52.22
p3	5	44.6860	11.15518	4.98875	30.8350	58.5370	31.15	59.90
k1	5	38.3700	8.12609	3.63410	28.2801	48.4599	29.91	49.03
Total	25	40.0528	10.95109	2.19022	35.5324	44.5732	14.95	59.90

Test of Homogeneity of Variances

Levene Statistic	df1	df2	Sig.
1.548	4	20	.227

Descriptive Statistics

	N	Mean	Std. Deviation	Minimum	Maximum
kolagen	25	40.0528	10.95109	14.95	59.90
kelompok	25	3.0000	1.44338	1.00	5.00

Kruskal-Wallis Test

Ranks

	kelompok	N	Mean Rank
kolagen	k0	5	3.00
	p1	5	16.80
	p2	5	17.60
	p3	5	16.20
	k1	5	11.40
	Total	25	

Test Statistics^{a,b}

	Kolagen
Chi-Square	13.698
df	4
Asymp. Sig.	.008

a. Kruskal Wallis Test

b. Grouping Variable:

kelompok

Mann-Whitney Test

Descriptive Statistics

	N	Mean	Std. Deviation	Minimum	Maximum
kolagen	25	40.0528	10.95109	14.95	59.90
kelompok	25	3.0000	1.44338	1.00	5.00

Ranks

	kelompok	N	Mean Rank	Sum of Ranks
kolagen	k0	5	3.00	15.00
	p1	5	8.00	40.00
	Total	10		

Test Statistics^a

	kolagen
Mann-Whitney U	.000
Wilcoxon W	15.000
Z	-2.611
Asymp. Sig. (2-tailed)	.009
Exact Sig. [2*(1-tailed Sig.)]	.008 ^b

Ranks

	kelompok	N	Mean Rank	Sum of Ranks
kolagen	k0	5	3.00	15.00
	p2	5	8.00	40.00
	Total	10		

Test Statistics^a

	kolagen
Mann-Whitney U	.000
Wilcoxon W	15.000
Z	-2.611
Asymp. Sig. (2-tailed)	.009
Exact Sig. [2*(1-tailed Sig.)]	.008 ^b

Ranks

	kelompok	N	Mean Rank	Sum of Ranks
kolagen	k0	5	3.00	15.00
	p3	5	8.00	40.00
	Total	10		

Test Statistics^a

	kolagen
Mann-Whitney U	.000
Wilcoxon W	15.000
Z	-2.611
Asymp. Sig. (2-tailed)	.009
Exact Sig. [2*(1-tailed Sig.)]	.008 ^b

Ranks

	kelompok	N	Mean Rank	Sum of Ranks
kolagen	k0	5	3.00	15.00
	k1	5	8.00	40.00
	Total	10		

Test Statistics^a

	kolagen
Mann-Whitney U	.000
Wilcoxon W	15.000
Z	-2.611
Asymp. Sig. (2-tailed)	.009
Exact Sig. [2*(1-tailed Sig.)]	.008 ^b

Ranks				
	kelompok	N	Mean Rank	Sum of Ranks
kolagen	p1	5	5.40	27.00
	p2	5	5.60	28.00
	Total	10		

Test Statistics ^a	
	kolagen
Mann-Whitney U	12.000
Wilcoxon W	27.000
Z	-.104
Asymp. Sig. (2-tailed)	.917
Exact Sig. [2*(1-tailed Sig.)]	1.000 ^b

Ranks				
	kelompok	N	Mean Rank	Sum of Ranks
kolagen	p1	5	5.60	28.00
	p3	5	5.40	27.00
	Total	10		

Test Statistics ^a	
	kolagen
Mann-Whitney U	12.000
Wilcoxon W	27.000
Z	-.104
Asymp. Sig. (2-tailed)	.917
Exact Sig. [2*(1-tailed Sig.)]	1.000 ^b

Ranks				
	kelompok	N	Mean Rank	Sum of Ranks
kolagen	p1	5	6.80	34.00
	k1	5	4.20	21.00
	Total	10		

Test Statistics ^a	
	kolagen
Mann-Whitney U	6.000
Wilcoxon W	21.000
Z	-1.358
Asymp. Sig. (2-tailed)	.175
Exact Sig. [2*(1-tailed Sig.)]	.222 ^b

Ranks				
	kelompok	N	Mean Rank	Sum of Ranks
kolagen	p2	5	5.80	29.00
	p3	5	5.20	26.00
	Total	10		

Test Statistics ^a	
	kolagen
Mann-Whitney U	11.000
Wilcoxon W	26.000
Z	-.313
Asymp. Sig. (2-tailed)	.754
Exact Sig. [2*(1-tailed Sig.)]	.841 ^b

Ranks

	kelompok	N	Mean Rank	Sum of Ranks
Kolagen	p2	5	7.20	36.00
	k1	5	3.80	19.00
	Total	10		

Test Statistics^a

	kolagen
Mann-Whitney U	4.000
Wilcoxon W	19.000
Z	-1.776
Asymp. Sig. (2-tailed)	.076
Exact Sig. [2*(1-tailed Sig.)]	.095 ^b

Ranks

	kelompok	N	Mean Rank	Sum of Ranks
Kolagen	p3	5	6.60	33.00
	k1	5	4.40	22.00
	Total	10		

Test Statistics^a

	kolagen
Mann-Whitney U	7.000
Wilcoxon W	22.000
Z	-1.149
Asymp. Sig. (2-tailed)	.251
Exact Sig. [2*(1-tailed Sig.)]	.310 ^b

LAMPIRAN 8

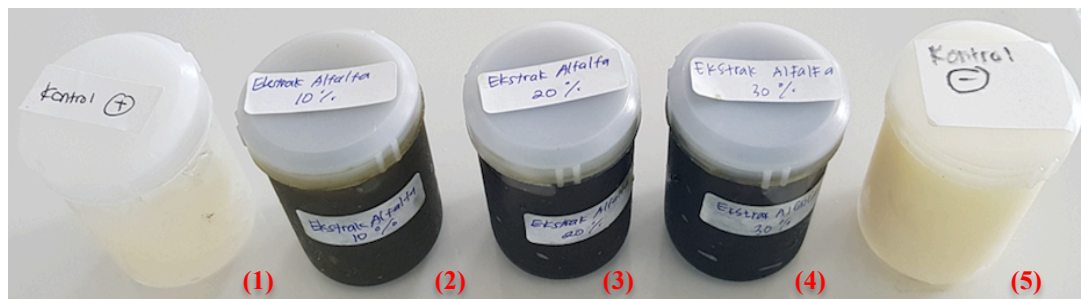
DOKUMEN PENELITIAN

A. PEMBUATAN EKSTRAK ALFALFA



Ekstrak Alfalfa

B. PEMBUATAN SALEP



Salep yang digunakan dalam penelitian

- (1) Pot isi salep gentamisin sebagai kontrol positif ;
- (2) Pot isis ekstrak alfalfa 10% ;
- (3) Pot isi ekstrak alfalfa 20% ;
- (4) Pot isi ekstrak alfalfa 30% ;
- (5) Pot isi basis krim sebagai kontrol negatif

C. PEMBUATAN LUKA IRIS



Proses Pembuatan Luka

Kiri : proses pencukuran rambut ;

Tengah : proses insisi area luka ;

Kanan : pengukuran panjang luka



Penempatan tikus dalam kandang

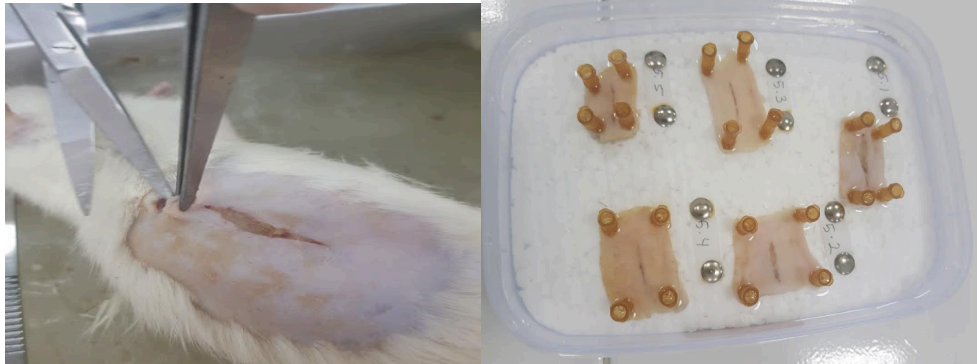
1 Kandang = 1 Tikus

D. PERLAKUAN



Pengolesan salep perlakuan dan perawatannya

E. PEMBUATAN BIOPSI



Jaringan kulit biopsi

Kiri : proses pemotongan jaringan ;
Kanan : media transport biopsi sebelum dikirim ke lab