Lampiran 1

PERNYATAAN KEASLIAN TULISAN

Saya yang bertanda tangan dibawah ini :

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Program Studi : Program Studi Pendidikan Dokter Gigi

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Menyatakan dengan sebenarnya bahwa Tugas Akhir yang saya tulis ini benar hasil karya saya sendiri, bukan merupakan pengambil alihan tulisan atau pikiran orang lain yang saya akui sebagai tulisan atau pikiran saya sendiri. Apabila dikemudian hari dapat dibuktikan bahwa Tugas Akhir ini adalah hasil jiplakan, maka saya bersedia menerima sanksi atas perbuatan tersebut.

Malang, 17 Juni 2013

Yang membuat pernyataan,

Dyka Arief Darmawan

NIM. 0910740029

Lampiran 2 Data Hasil Penelitian

Konsentrasi	Pengulangan				Jumlah	Rata-rata
	1	2	3	4		
0%	569	611	650	604	2434	608,5
15%	312	324	291	338	1265	316,25
17%	135	108	178	122	543	135,75
19%	43	16	12	10	81	20,25
21%	4	1	4	2	11	2,75
23%	0	0	0	0	0	0

Descriptives

koloni

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
0	4	6.0850E2	33.21144	16.60572	555.6532	661.3468	569.00	650.00
15	4	3.1625E2	19.90603	9.95301	284.5751	347.9249	291.00	338.00
17	4	1.3575E2	30.24759	15.12379	87.6193	183.8807	108.00	178.00
19	4	20.2500	15.37043	7.68521	-4.2078	44.7078	10.00	43.00
21	4	2.7500	1.50000	.75000	.3632	5.1368	1.00	4.00
23	4	.0000	.00000	.00000	.0000	.0000	.00	.00
Total	24	1.8058E2	226.68095	46.27106	84.8644	276.3023	.00	650.00

Lampiran 3 Uji *Kruskal-Wallis* dan *Kolmogorov-Smirnov* Test

Uji Kruskal-Wallis

Test Statistics[a,b]

	hasil
Chi-Square	23.000
df	5
Asymp. Sig.	.000

a. Kruskal Wallis Test

b. Grouping Variable: konsentrasi

One-Sample Kolmogorov-Smirnov Test

		konsentrasi	koloni
N		24	24
Normal Parameters[a]	Mean	15.83	1.8058E2
	Std. Deviation	7.699	2.26681E2
Most Extreme Differences	Absolute	.290	.228
	Positive	.176	.228
	Negative	-.290	-.213
Kolmogorov-Smirnov Z		1.422	1.117
Asymp. Sig. (2-tailed)		.035	.165

a. Test distribution is Normal.

Lampiran 4 Uji Homogenitas Varian dan One Way Anova

Test of Homogeneity of Variances

koloni

Levene Statistic	df1	df2	Sig.
2.281	5	18	.090

ANOVA

koloni

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	1173879.833	5	234775.967	531.034	.000
Within Groups	7958.000	18	442.111		
Total	1181837.833	23			

Lampiran 5 Post Hoc Tukey Test

Multiple Comparisons

Dependent Variable:koloni

	(I) konsentrasi	(J) konsentrasi	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
						Lower Bound	Upper Bound
Tukey HSD	0	15	292.25000*	14.86794	.000	244.9992	339.5008
		17	472.75000*	14.86794	.000	425.4992	520.0008
		19	588.25000*	14.86794	.000	540.9992	635.5008
		21	605.75000*	14.86794	.000	558.4992	653.0008
		23	608.50000*	14.86794	.000	561.2492	655.7508
	15	0	-292.25000*	14.86794	.000	-339.5008	-244.9992
		17	180.50000*	14.86794	.000	133.2492	227.7508
		19	296.00000*	14.86794	.000	248.7492	343.2508
		21	313.50000*	14.86794	.000	266.2492	360.7508
		23	316.25000*	14.86794	.000	268.9992	363.5008
	17	0	-472.75000*	14.86794	.000	-520.0008	-425.4992
		15	-180.50000*	14.86794	.000	-227.7508	-133.2492
		19	115.50000*	14.86794	.000	68.2492	162.7508
		21	133.00000*	14.86794	.000	85.7492	180.2508
		23	135.75000*	14.86794	.000	88.4992	183.0008
	19	0	-588.25000*	14.86794	.000	-635.5008	-540.9992
		15	-296.00000*	14.86794	.000	-343.2508	-248.7492
		17	-115.50000*	14.86794	.000	-162.7508	-68.2492
		21	17.50000	14.86794	.842	-29.7508	64.7508
		23	20.25000	14.86794	.748	-27.0008	67.5008
	21	0	-605.75000*	14.86794	.000	-653.0008	-558.4992
		15	-313.50000*	14.86794	.000	-360.7508	-266.2492
		17	-133.00000*	14.86794	.000	-180.2508	-85.7492
		19	-17.50000	14.86794	.842	-64.7508	29.7508

		23	2.75000	14.86794	1.000	-44.5008	50.0008
	23	0	-608.50000*	14.86794	.000	-655.7508	-561.2492
		15	-316.25000*	14.86794	.000	-363.5008	-268.9992
		17	-135.75000*	14.86794	.000	-183.0008	-88.4992
		19	-20.25000	14.86794	.748	-67.5008	27.0008
		21	-2.75000	14.86794	1.000	-50.0008	44.5008
LSD	0	15	292.25000*	14.86794	.000	261.0136	323.4864
		17	472.75000*	14.86794	.000	441.5136	503.9864
		19	588.25000*	14.86794	.000	557.0136	619.4864
		21	605.75000*	14.86794	.000	574.5136	636.9864
		23	608.50000*	14.86794	.000	577.2636	639.7364
	15	0	-292.25000*	14.86794	.000	-323.4864	-261.0136
		17	180.50000*	14.86794	.000	149.2636	211.7364
		19	296.00000*	14.86794	.000	264.7636	327.2364
		21	313.50000*	14.86794	.000	282.2636	344.7364
		23	316.25000*	14.86794	.000	285.0136	347.4864
	17	0	-472.75000*	14.86794	.000	-503.9864	-441.5136
		15	-180.50000*	14.86794	.000	-211.7364	-149.2636
		19	115.50000*	14.86794	.000	84.2636	146.7364
		21	133.00000*	14.86794	.000	101.7636	164.2364
		23	135.75000*	14.86794	.000	104.5136	166.9864
	19	0	-588.25000*	14.86794	.000	-619.4864	-557.0136
		15	-296.00000*	14.86794	.000	-327.2364	-264.7636
		17	-115.50000*	14.86794	.000	-146.7364	-84.2636
		21	17.50000	14.86794	.255	-13.7364	48.7364
		23	20.25000	14.86794	.190	-10.9864	51.4864
	21	0	-605.75000*	14.86794	.000	-636.9864	-574.5136
		15	-313.50000*	14.86794	.000	-344.7364	-282.2636
		17	-133.00000*	14.86794	.000	-164.2364	-101.7636
		19	-17.50000	14.86794	.255	-48.7364	13.7364
		23	2.75000	14.86794	.855	-28.4864	33.9864

	23	0	-608.50000*	14.86794	.000	-639.7364	-577.2636
		15	-316.25000*	14.86794	.000	-347.4864	-285.0136
		17	-135.75000*	14.86794	.000	-166.9864	-104.5136
		19	-20.25000	14.86794	.190	-51.4864	10.9864
		21	-2.75000	14.86794	.855	-33.9864	28.4864

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

koloni

	konsentrasi	N	Subset for alpha = 0.05			
			1	2	3	4
Tukey HSD[a]	23	4	.0000			
	21	4	2.7500			
	19	4	20.2500			
	17	4		1.3575E2		
	15	4			3.1625E2	
	0	4				6.0850E2
	Sig.		.748	1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 4.000.

Lampiran 6 Uji Korelasi

Correlations

		konsentrasi	koloni
konsentrasi	Pearson Correlation	1	-.963**
	Sig. (2-tailed)		.000
	N	24	24
koloni	Pearson Correlation	-.963**	1
	Sig. (2-tailed)	.000	
	N	24	24

**. Correlation is significant at the 0.01 level (2-tailed).

Note: *r = correlation coefficient, shows the strength of correlation. Weak correlation (r < 0.500), moderate correlation (r = 0.500-0.599), strong correlation (r = 0.600-0.799), very strong correlation (r > 0.799)*

Lampiran 7 Uji Regresi

Variables Entered/Removed[b]

Model	Variables Entered	Variables Removed	Method
1	konsentrasi[a]	.	Enter

a. All requested variables entered.

b. Dependent Variable: koloni

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.963[a]	.927	.924	62.65714

a. Predictors: (Constant), konsentrasi

ANOVA[b]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	1095467.642	1	1095467.642	279.035	.000[a]
	Residual	86370.191	22	3925.918		
	Total	1181837.833	23			

a. Predictors: (Constant), konsentrasi

b. Dependent Variable: koloni

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	629.402	29.757		21.151	.000
	konsentrasi	-28.346	1.697	-.963	-16.704	.000

a. Dependent Variable: koloni

Lampiran 8 Foto Penelitian