LAMPIRAN

Lampiran 1. Pernyataan Keaslian Tulisan

PERNYATAAN KEASLIAN TULISAN

Saya yang bertanda tangan di bawah ini :

Nama : Erick Christianto L

NIM : 105070407111005

Program Studi : Program Studi Pendidikan Dokter Gigi

Fakultas Kedokteran Universitas Brawijaya

menyatakan dengan sebenarnya bahwa Tugas Akhir yang saya tulis ini benar-benar hasil karya sendiri, bukan merupakan pengambilalihan 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, 13 April 2014

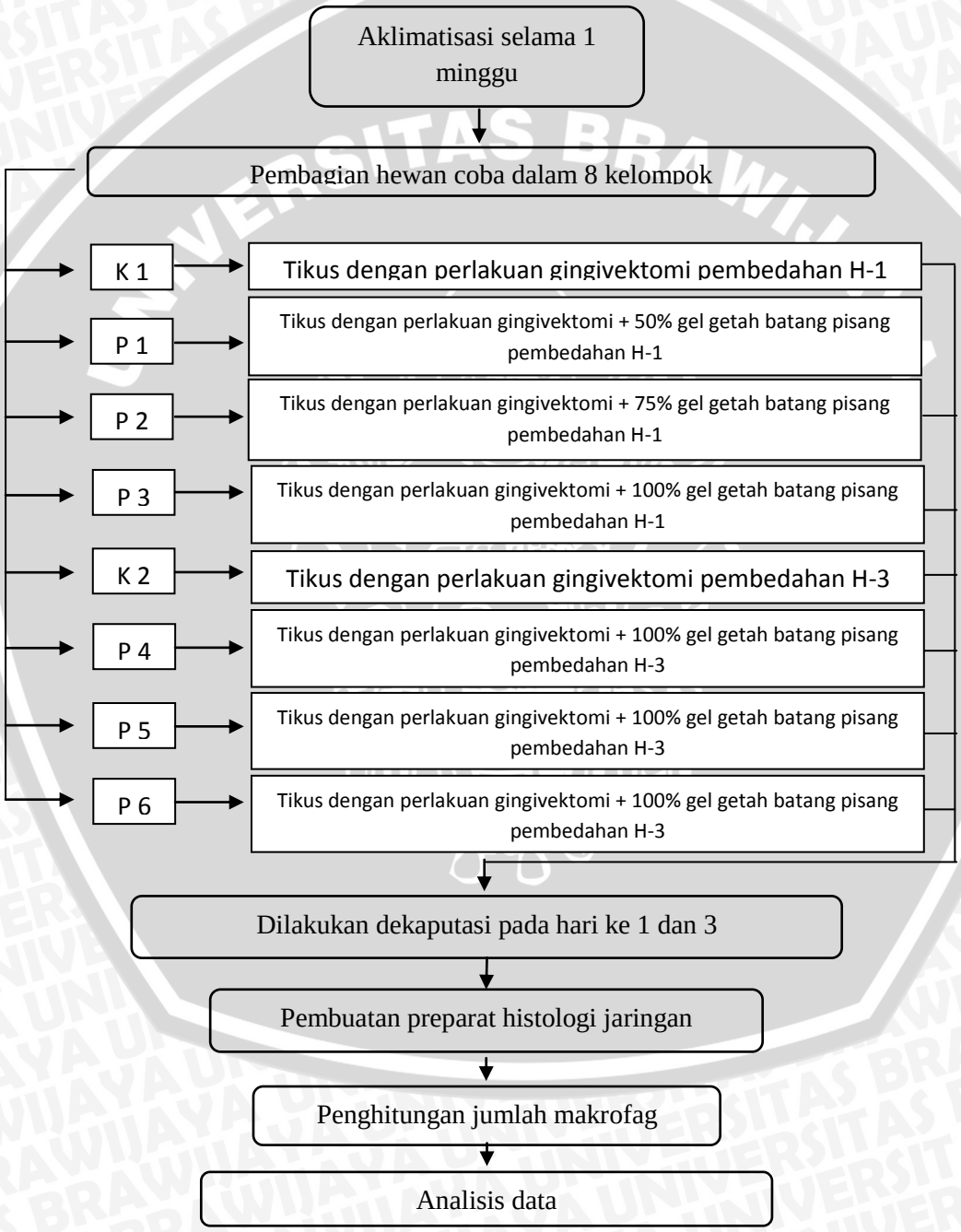
Yang membuat pernyataan,

Erick Christianto L

NIM. 105070407111005

Lampiran 2. Skema Prosedural Penelitian

Skema Prosedural Penelitian



Lampiran 3. Etik Penelitian

LAMPIRAN I FORM ETICHAL CLEARANCE

No Kelaikan Etik: 568 / EC / KEPK / 12 / 2013

Judul : Pengaruh Gel Getah Batang Pisang Ambon (*Musa paradisiaca)* Terhadap Perubahan Jumlah Makrofag Pada Model Tikus Wistar Pasca Gingivektomi

Peneliti : drg.Diah Sp.Perio, drg. Rudhanton, Sp.Perio, Provisia Marthalita, Diona Olivia Yudianto, Erick Christianto L.

Tempat Penelitian : Lab. Farmakologi dan Lab Patologi Anatomi Fakultas Kedokteran Universitas Brawijaya.

Tanggal Laik Etik : 20 Desember 2013.

Lampiran 4. Alat dan Bahan Penelitian

Alat

Timbangan tikus

Kandang tikus

Syringe anestesi

Bur low speed

Cotton bud untuk aplikasi gel

Toples berisi eter

Meja bedah

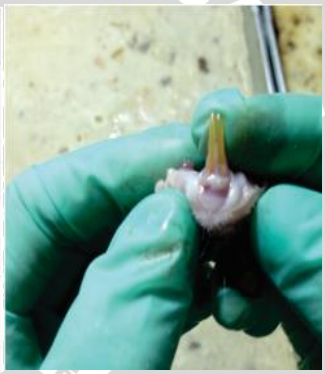
Bahan

Batang pisang ambon

Gel getah batang pisang ambon

ketamine

Formaline



Mandibula tikus

Mandibula tikus KK, KP1, KP2, dan KP3

Lampiran 5. Data Hasil Penelitian Jumlah Makrofag

No. Preparat	Hasil	Jumlah	Rata-rata
A1	21	78	19.5
A2	18		
A3	19		
A4	20		
B1	17	72	18
B2	18		
B3	19		
B4	18		
C1	18	60	15
C2	12		
C3	16		
C4	14		
D1	11	51	12
D2	14		
D3	13		
D4	13		
E1	21	98	24.5
E2	28		
E3	24		
E4	25		
F1	19	68	17
F2	16		
F3	17		
F4	16		
G1	16	52	13
G2	14		
G3	12		
G4	10		
H1	13	47	11.75
H2	12		
H3	11		
H4	11		

A. kontrol hari 1 E. kontrol hari 3

B. 50% h1 F. 50% h3

C. 75% h1 G. 75% h3

D .100% h1 H.100% h3

Lampiran 6. Hasil Uji Statistik

Hari Pertama

Uji Normalitas

Tests of Normality

	Kolmogorov-Smirnov[a]			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
Preparat_H1	.202	12	.190	.931	12	.395

a. Lilliefors Significance Correction

Correlations

Correlations

		K/D	Preparat_H1
K/D	Pearson Correlation	1	-.805**
	Sig. (2-tailed)	.	.002
	N	12	12
Preparat_H1	Pearson Correlation	-.805**	1
	Sig. (2-tailed)	.002	.
	N	12	12

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

Regression

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.805[a]	.648	.613	1.955

a. Predictors: (Constant), K/D

ANOVA[b]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	70.438	1	70.438	18.426	.002[a]
	Residual	38.229	10	3.823		
	Total	108.667	11			

a. Predictors: (Constant), K/D

b. Dependent Variable: Preparat_H1

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	20.019	1.028		19.483	.000
	K/D	-.066	.015	-.805	-4.292	.002

a. Dependent Variable: Preparat_H1

Oneway

Descriptives

Preparat_H1

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
K Pos	3	19.33	1.528	.882	15.54	23.13	18	21
P1	3	18.00	1.000	.577	15.52	20.48	17	19
P2	3	15.33	3.055	1.764	7.74	22.92	12	18
P3	3	12.67	1.528	.882	8.87	16.46	11	14
Total	12	16.33	3.143	.907	14.34	18.33	11	21

Test of Homogeneity of Variances

Preparat_H1

Levene Statistic	df1	df2	Sig.
1.640	3	8	.256

ANOVA

Preparat_H1

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	78.667	3	26.222	6.993	.013
Within Groups	30.000	8	3.750		
Total	108.667	11			

Post Hoc Tests

Multiple Comparisons

Dependent Variable: Preparat_H1

Tukey HSD

(I) Kelompok	(J) Kelompok	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
K Pos	P1	1.333	1.581	.833	-3.73	6.40
	P2	4.000	1.581	.129	-1.06	9.06
	P3	6.667*	1.581	.012	1.60	11.73
P1	K Pos	-1.333	1.581	.833	-6.40	3.73
	P2	2.667	1.581	.389	-2.40	7.73
	P3	5.333*	1.581	.039	.27	10.40
P2	K Pos	-4.000	1.581	.129	-9.06	1.06
	P1	-2.667	1.581	.389	-7.73	2.40
	P3	2.667	1.581	.389	-2.40	7.73
P3	K Pos	-6.667*	1.581	.012	-11.73	-1.60
	P1	-5.333*	1.581	.039	-10.40	-.27
	P2	-2.667	1.581	.389	-7.73	2.40

*. The mean difference is significant at the .05 level.

Homogeneous Subsets

Preparat_H1

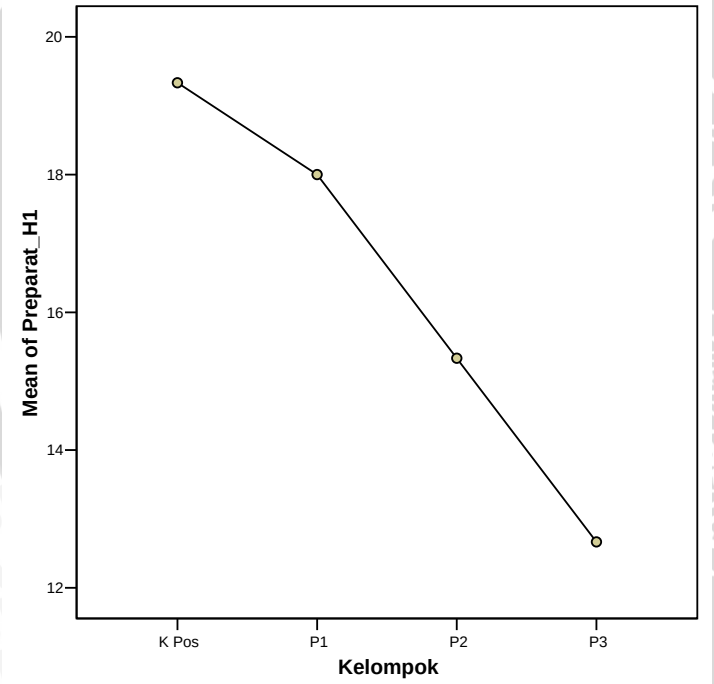
Tukey HSD[a]

Kelompok	N	Subset for alpha = .05	
		1	2
P3	3	12.67	
P2	3	15.33	15.33
P1	3		18.00
K Pos	3		19.33
Sig.		.389	.129

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3.000.

Means Plots



Hari Ketiga

Uji Normalitas

Tests of Normality

	Kolmogorov-Smirnov[a]			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
Preparat_H3	.160	12	.200*	.914	12	.239

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

a. Lilliefors Significance Correction

Correlations

Correlations

		K/D	Preparat_H3
K/D	Pearson Correlation	1	-.928**
	Sig. (2-tailed)	.	.000
	N	12	12
Preparat_H3	Pearson Correlation	-.928**	1
	Sig. (2-tailed)	.000	.
	N	12	12

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

Regression

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.928[a]	.861	.847	2.051

a. Predictors: (Constant), K/D

ANOVA[b]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	260.860	1	260.860	62.025	.000[a]
	Residual	42.057	10	4.206		
	Total	302.917	11			

a. Predictors: (Constant), K/D

b. Dependent Variable: Preparat_H3

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	24.010	1.078		22.277	.000
	K/D	-.126	.016	-.928	-7.876	.000

a. Dependent Variable: Preparat_H3

Oneway

Descriptives

Preparat_H3

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
K Pos	3	24.33	3.512	2.028	15.61	33.06	21	28
P1	3	17.33	1.528	.882	13.54	21.13	16	19
P2	3	14.00	2.000	1.155	9.03	18.97	12	16
P3	3	12.00	1.000	.577	9.52	14.48	11	13
Total	12	16.92	5.248	1.515	13.58	20.25	11	28

Test of Homogeneity of Variances

Preparat_H3

Levene Statistic	df 1	df 2	Sig.
1.244	3	8	.356

ANOVA

Preparat_H3

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	263.583	3	87.861	17.870	.001
Within Groups	39.333	8	4.917		
Total	302.917	11			

Post Hoc Tests

Multiple Comparisons

Dependent Variable: Preparat_H3

Tukey HSD

(I) Kelompok	(J) Kelompok	Mean Difference (I-J)	Std. Error	Sig	95% Confidence Interval	
					Lower Bound	Upper Bound
K Pos	P1	7.000*	1.810	.020	1.20	12.80
	P2	10.333*	1.810	.002	4.54	16.13
	P3	12.333*	1.810	.001	6.54	18.13
P1	K Pos	-7.000*	1.810	.020	-12.80	-1.20
	P2	3.333	1.810	.323	-2.46	9.13
	P3	5.333	1.810	.072	-.46	11.13
P2	K Pos	-10.333*	1.810	.002	-16.13	-4.54
	P1	-3.333	1.810	.323	-9.13	2.46
	P3	2.000	1.810	.697	-3.80	7.80
P3	K Pos	-12.333*	1.810	.001	-18.13	-6.54
	P1	-5.333	1.810	.072	-11.13	.46
	P2	-2.000	1.810	.697	-7.80	3.80

*. The mean difference is significant at the .05 level.

Homogeneous Subsets

Preparat_H3

Tukey HSD[a]

Kelompok	N	Subset for alpha = .05	
		1	2
P3	3	12.00	
P2	3	14.00	
P1	3	17.33	
K Pos	3		24.33
Sig.		.072	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3.000.

Means Plots