LAMPIRAN 1
PERHITUNGAN DOSIS

1. Perhitungan Dosis Asetosal

Dosis Asetosal untuk menimbulkan tukak pada tikus = 800 mg/kg BB

(Soewarni Mansjoer, 1994)

Berat badan rata-rata tikus = ± 150 gram

Dosis Asetosal yang dibutuhkan untuk tikus 150 g = $\frac{150}{1000}$ x 800 mg/kg BB

= 120 mg

Volume lambung tikus = 3 ml

Dalam 3 ml terdapat 120 mg Asetosal.

Kebutuhan Asetosal untuk 25 ekor tikus = 3000 mg

Volume larutan untuk 25 ekor tikus = 75 ml

Dalam 100 ml larutan terdapat = $\frac{100 \text{ x } 120 \text{ mg}}{3}$ = 4000 mg Asetosal

Pelarut yang digunakan adalah Na CMC 1%

Na CMC 1% = 1 gram / 100 ml

Untuk larutan 100 ml diperlukan Na CMC sebanyak = 1 gram

1 gram Na CMC dilarutkan dengan 100 ml akuades.

2. Perhitungan Dosis Omeprazol

Dosis Omeprazol untuk manusia = 40 mg /hari

Konversi untuk tikus 200 g = 40 mg x 0,018 = 0,72 mg

Dosis Omeprazol untuk tikus 150 g = $\frac{150}{200}$ x 0,72 mg = 0,54 mg

Volume lambung tikus = 3 ml

Dalam 3 ml terdapat 0,54 mg Omeprazol

Kebutuhan Omeprazol untuk 5 ekor tikus = 2,7 mg

Volume larutan untuk 5 ekor tikus = 15 ml

Dalam 25 ml larutan terdapat = $\frac{25}{15}$ x 2,7 mg = 4,5 mg ~ 5 mg Omeprazol

Pelarut yang digunakan adalah Na CMC 1%

Na CMC 1% = 1 gram / 100 ml

Untuk larutan 25 ml diperlukan Na CMC sebanyak = 25 x $\frac{1 \text{ gram}}{100}$

= 0,25 g ~ 250 mg

250 miligram Na CMC dilarutkan dengan 25 ml akuades.

3. Perhitungan Dosis Infusa Pisang Raja

Dosis pisang raja untuk manusia = 10 g

Konversi untuk tikus 200 g = 10 g x 0,018 = 0,18 g ~ 180 mg

Dosis pisang raja untuk tikus 150 g = $\frac{150}{200}$ x 180 mg = 135 mg

Setelah melalui uji coba pendahuluan dan mempertimbangkan kapasitas lambung tikus sebesar 3 ml maka infusa pisang raja yang dapat dibuat adalah sebesar 1%, 2%, dan 4%.

Dosis I : 1% = 1 g/100 ml ~ @ 3 ml ~ 30 mg

Dosis II : 2% = 2 g/100 ml ~ @ 3 ml ~ 60 mg

Dosis III : 4% = 4 g/100 ml ~ @ 3 ml ~ 120 mg

LAMPIRAN 2
ANALISIS DATA

JUMLAH TUKAK

Oneway

Descriptives

Hasil

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
Kontrol -	5	6.6000	1.14018	.50990	5.1843	8.0157	5.00	8.00
Kontrol +	5	2.4000	.89443	.40000	1.2894	3.5106	1.00	3.00
Dosis 1%	5	1.8000	1.78885	.80000	-.4212	4.0212	.00	4.00
Dosis 2%	5	1.6000	1.81659	.81240	-.6556	3.8556	.00	4.00
Dosis 4%	5	1.0000	1.00000	.44721	-.2417	2.2417	.00	2.00
Total	25	2.6800	2.41039	.48208	1.6850	3.6750	.00	8.00

Test of Homogeneity of Variances

Hasil

Levene Statistic	df1	df2	Sig.
2.094	4	20	.120

ANOVA

Hasil

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	101.040	4	25.260	13.156	.000
Within Groups	38.400	20	1.920		
Total	139.440	24			

Post Hoc Tests

Multiple Comparisons

Dependent Variable: Hasil

Tukey HSD

(I) Perlakuan	(J) Perlakuan	*Mean Difference (I-J)*	*Std. Error*	*Sig.*	*95% Confidence Interval*	
					Lower Bound	*Upper Bound*
Kontrol -	Kontrol -					
	Kontrol +	4.20000*	.87636	.001	1.5776	6.8224
	Dosis 1%	4.80000*	.87636	.000	2.1776	7.4224
	Dosis 2%	5.00000*	.87636	.000	2.3776	7.6224
	Dosis 4%	5.60000*	.87636	.000	2.9776	8.2224
Kontrol +	Kontrol -	-4.20000*	.87636	.001	-6.8224	-1.5776
	Kontrol +					
	Dosis 1%	.60000	.87636	.958	-2.0224	3.2224
	Dosis 2%	.80000	.87636	.889	-1.8224	3.4224
	Dosis 4%	1.40000	.87636	.516	-1.2224	4.0224
Dosis 1%	Kontrol -	-4.80000*	.87636	.000	-7.4224	-2.1776
	Kontrol +	-.60000	.87636	.958	-3.2224	2.0224
	Dosis 1%					
	Dosis 2%	.20000	.87636	.999	-2.4224	2.8224
	Dosis 4%	.80000	.87636	.889	-1.8224	3.4224
Dosis 2%	Kontrol -	-5.00000*	.87636	.000	-7.6224	-2.3776
	Kontrol +	-.80000	.87636	.889	-3.4224	1.8224
	Dosis 1%	-.20000	.87636	.999	-2.8224	2.4224
	Dosis 2%					
	Dosis 4%	.60000	.87636	.958	-2.0224	3.2224
Dosis 4%	Kontrol -	-5.60000*	.87636	.000	-8.2224	-2.9776
	Kontrol +	-1.40000	.87636	.516	-4.0224	1.2224
	Dosis 1%	-.80000	.87636	.889	-3.4224	1.8224
	Dosis 2%	-.60000	.87636	.958	-3.2224	2.0224
	Dosis 4%					

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

Homogeneous Subsets

Hasil

Tukey HSD[a]

Perlakuan	N	Subset for alpha = .05	
		1	2
Dosis 4%	5	1.0000	
Dosis 2%	5	1.6000	
Dosis 1%	5	1.8000	
Kontrol +	5	2.4000	
Kontrol -	5		6.6000
Sig.		.516	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 5.000.

DIAMETER TUKAK

Oneway

Descriptives

Hasil

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
Kontrol -	5	3.3321	.78166	.34957	2.3615	4.3026	2.75	4.68
Kontrol +	5	1.2133	.28148	.12588	.8638	1.5628	1.00	1.67
Dosis 1%	5	1.4900	1.42408	.63687	-.2782	3.2582	.00	2.90
Dosis 2%	5	1.5700	1.66943	.74659	-.5029	3.6429	.00	4.00
Dosis 4%	5	.7800	.75631	.33823	-.1591	1.7191	.00	1.70
Total	25	1.6771	1.34374	.26875	1.1224	2.2318	.00	4.68

Test of Homogeneity of Variances

Hasil

Levene Statistic	df1	df2	Sig.
3.500	4	20	.025

ANOVA

Hasil

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	19.026	4	4.757	3.913	.017
Within Groups	24.309	20	1.215		
Total	43.335	24			

Post Hoc Tests

Multiple Comparisons

Dependent Variable: Hasil
Tukey HSD

(I) Perlakuan	(J) Perlakuan	*Mean Difference (I-J)*	*Std. Error*	*Sig.*	*95% Confidence Interval*	
					Lower Bound	*Upper Bound*
Kontrol -	Kontrol -					
	Kontrol +	2.11873*	.69726	.045	.0323	4.2052
	Dosis 1%	1.84207	.69726	.100	-.2444	3.9285
	Dosis 2%	1.76207	.69726	.124	-.3244	3.8485
	Dosis 4%	2.55207*	.69726	.012	.4656	4.6385
Kontrol +	Kontrol -	-2.11873*	.69726	.045	-4.2052	-.0323
	Kontrol +					
	Dosis 1%	-.27666	.69726	.994	-2.3631	1.8098
	Dosis 2%	-.35666	.69726	.985	-2.4431	1.7298
	Dosis 4%	.43334	.69726	.970	-1.6531	2.5198
Dosis 1%	Kontrol -	-1.84207	.69726	.100	-3.9285	.2444
	Kontrol +	.27666	.69726	.994	-1.8098	2.3631
	Dosis 1%					
	Dosis 2%	-.08000	.69726	1.000	-2.1665	2.0065
	Dosis 4%	.71000	.69726	.844	-1.3765	2.7965
Dosis 2%	Kontrol -	-1.76207	.69726	.124	-3.8485	.3244
	Kontrol +	.35666	.69726	.985	-1.7298	2.4431
	Dosis 1%	.08000	.69726	1.000	-2.0065	2.1665
	Dosis 2%					
	Dosis 4%	.79000	.69726	.787	-1.2965	2.8765
Dosis 4%	Kontrol -	-2.55207*	.69726	.012	-4.6385	-.4656
	Kontrol +	-.43334	.69726	.970	-2.5198	1.6531
	Dosis 1%	-.71000	.69726	.844	-2.7965	1.3765
	Dosis 2%	-.79000	.69726	.787	-2.8765	1.2965
	Dosis 4%					

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

Homogeneous Subsets

Hasil

Tukey HSD[a]

		Subset for alpha = .05	
Perlakuan	*N*	*1*	*2*
Dosis 4%	5	.7800	
Kontrol +	5	1.2133	
Dosis 1%	5	1.4900	1.4900
Dosis 2%	5	1.5700	1.5700
Kontrol -	5		3.3321
Sig.		.787	.100

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 5.000.

LAMPIRAN 3
TABEL JUMLAH dan DIAMETER TUKAK

Jumlah dan Diameter Tukak Setelah Pemberian Infusa *Musa paradisiaca* Linn

Kelompok	No.Tikus	Jumlah Tukak	Diameter Tukak (mm)
Kontrol (-) (Na CMC 1%)	I	7	1.8, 2, 6.2, 1.5, 1.8, 4.1,4.2
	II	7	2, 2, 3, 5, 3, 2, 3
	III	5	8.5, 7.3, 1.5, 3.6, 2.5
	IV	8	4, 3, 3.5, 2.6, 5.2, 1.8, 2, 4.2
	V	6	3.5, 2.5, 4, 0.5, 2, 4
Kontrol (+) (Omz 0.54 mg/150 g BB)	I	2	1, 1.2
	II	3	2.5, 1.5, 1
	III	1	1
	IV	3	1.5, 1, 0.5
	V	3	1.5, 1.4, 1
Dosis 1% (IPR 30 mg/ 150 g BB)	I	3	3, 2.5, 3.2
	II	2	3, 2.5
	III	(-)	(-)
	IV	4	3.5, 1.2, 1, 1.5
	V	(-)	(-)
Dosis 2% (IPR 60 mg/ 150 g BB)	I	(-)	(-)
	II	(-)	(-)
	III	3	2, 2.1, 2.2
	IV	1	4
	V	4	2.5, 2, 1.5, 1
Dosis 4% (IPR 120 mg/ 150 g BB)	I	(-)	(-)
	II	(-)	(-)
	III	2	1.4, 2
	IV	1	1.2
	V	2	1, 1

Keterangan:

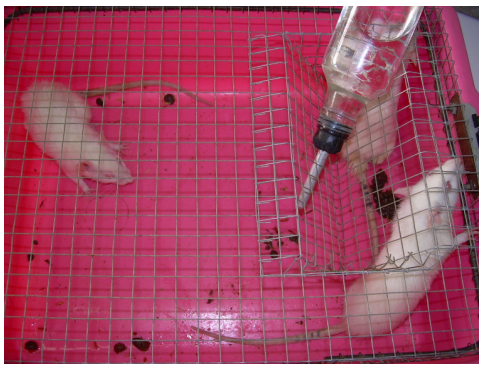
Omz = Omeprazol

IPR = Infusa Pisang Raja

LAMPIRAN 4

FOTO-FOTO PENELITIAN

Dissecting set



Hewan coba

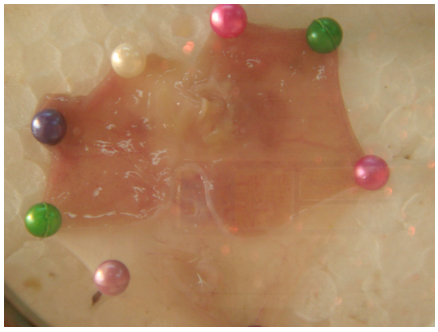
Sonde oral

Abdomen dibuka

Pengguntingan oesophagus

Pengguntingan duodenum

Pengguntingan curvatura major



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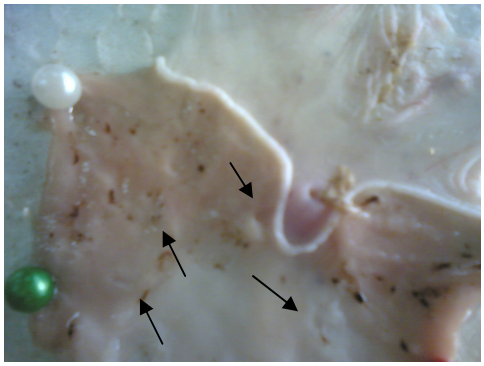

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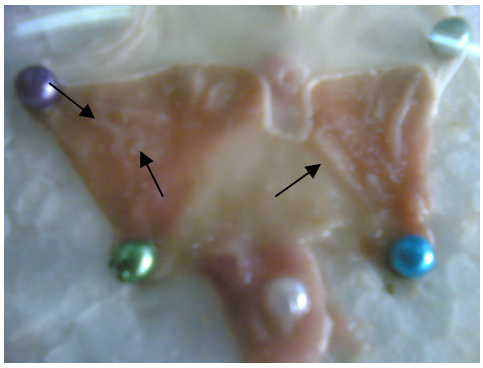

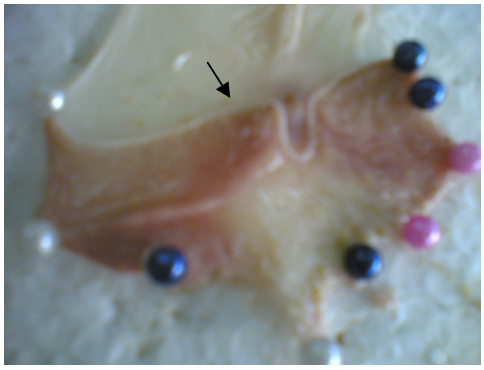

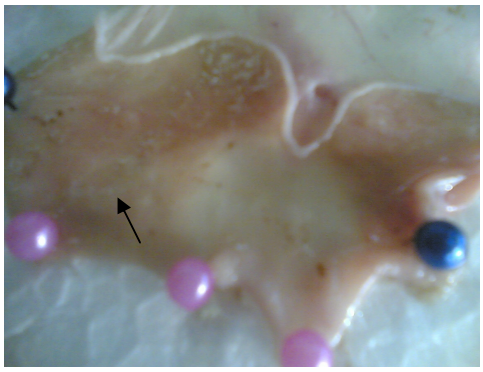

Keterangan:

Tanda panah = tukak