LAMPIRAN 1

PERHITUNGAN DOSIS

1. Dosis Ekstrak Etanol Akar Pasak Bumi

Patokan dosis jamu "T" untuk manusia adalah 1100 mg (2 kapsul @ 550 mg/hari), tetapi dalam pembuatan terutama dalam penimbangan dilakukan penyesuaian menjadi 1201,92 mg dengan perhitungan sebagai berikut:

Faktor konversi untuk mencit = 0,0026 (Paget & Barnes, 1964)

Dosis I mencit adalah 1100 mg x 0,0026 = 2,86 mg mencit 20 gr

Dosis II : 5,72 mg/0,5 cc

Dosis III : 11,44 mg/0,5 cc

Dosis III disesuaikan menjadi 12,5 mg/0,5 cc, jadi:

Dosis I : 2,86 mg/0,5 cc disesuaikan menjadi 3,125 mg/0,5 cc

Dosis II : 5,72 mg/0,5 cc disesuaikan menjadi 6,25 mg/0,5 cc

Sehingga dosis yang digunakan:

Dosis I : 3,125 mg/0,5 cc = 6,25 mg/cc x 1000/20 = 312,5 mg/kgBB mencit

Dosis II : 6,25 mg/0,5 cc = 12,5 mg/cc x 1000/20 = 625 mg/kgBB mencit

Dosis III : 12,5 mg/0,5 cc = 25 mg/cc x 1000/20 = 1250 mg/kgBB mencit

Akhirnya patokan dosis yang digunakan untuk manusia adalah:

Dosis I : 1201,92 mg

Dosis II : 2403,85 mg

Dosis III : 4807,69 mg

Cara pembuatan dimulai dari dosis III

Dosis III : 12,5 mg/0,5 cc = 25 mg/cc = 500 mg/20 cc CMC 1%

Dosis II : 5 cc dosis III + 5 cc CMC 1%

Dosis I : 5 cc dosis III + 15 cc CMC 1%

2. Dosis *Testosterone Undecanoate*

Testosterone Undecanoate tersedia dalam bentuk sediaan *soft capsul* 40 mg.

Dosis manusia yang tersedia adalah 120-160 mg/hari (MIMS, 2009), diambil dosis 160 mg untuk penelitian ini.

Faktor konversi untuk mencit = 0,0026 (Paget & Barnes, 1964)

Mencit 20 gr : 160 mg x 0,0026 = 0,416 mg/0,5 cc

Dosis yang digunakan 0,416 mg x 1000/20 = 20,8 mg/kgBB mencit

LAMPIRAN 2

DATA KASAR PENELITIAN

1. Pengamatan hari ke-3

DOSIS 1	15 menit pertama		15 menit kedua		Jumlah		Rerata	
Mencit	Introducing	Mounting	Introducing	Mounting	Σ Introducing	Σ Mounting	Introducing	Mounting
1	8	4	7	5	15	9	7.5	4.5
2	7	2	2	0	9	2	4.5	1
3	9	2	4	0	13	2	6.5	1
4	5	1	4	4	9	5	4.5	2.5
5	16	5	3	0	19	5	9.5	2.5
Rerata total							6.5	2.3

DOSIS 2	15 menit pertama		15 menit kedua		Jumlah		Rerata	
Mencit	Introducing	Mounting	Introducing	Mounting	Σ Introducing	Σ Mounting	Introducing	Mounting
1	4	0	0	0	4	0	2	0
2	9	1	1	0	10	1	5	0.5
3	8	2	1	0	9	2	4.5	1
4	31	3	8	0	39	3	19.5	1.5
5	23	3	4	0	27	3	13.5	1.5
Rerata total							8.9	0.9

DOSIS 3	15 menit pertama		15 menit kedua		Jumlah		Rerata	
Mencit	Introducing	Mounting	Introducing	Mounting	Σ Introducing	Σ Mounting	Introducing	Mounting
1	18	0	4	0	22	0	11	0
2	14	0	5	0	19	0	9.5	0
3	8	1	3	0	11	1	5.5	0.5
4	22	9	5	0	27	9	13.5	4.5
5	9	0	3	0	12	0	6	0
Rerata total							9.1	1

KONTROL	15 menit pertama		15 menit kedua		Jumlah		Rerata	
Mencit	Introducing	Mounting	Introducing	Mounting	Σ Introducing	Σ Mounting	Introducing	Mounting
1	2	0	1	0	3	0	1.5	0
2	1	1	0	1	1	2	0.5	1
3	0	0	1	0	1	0	0.5	0
4	1	0	1	0	2	0	1	0
5	1	0	2	0	3	0	1.5	0
Rerata total							1	0.2

PEMBANDING	15 menit pertama		15 menit kedua		Jumlah		Rerata	
Mencit	Introducing	Mounting	Introducing	Mounting	Σ Introducing	Σ Mounting	Introducing	Mounting
1	7	0	16	0	23	0	11.5	0
2	14	0	8	0	22	0	11	0
3	4	0	12	0	16	0	8	0
4	13	0	6	0	19	0	9.5	0
5	12	0	8	0	20	0	10	0
Rerata total							10	0

2. Pengamatan hari ke-5

DOSIS 1	15 menit pertama		15 menit kedua		Jumlah		Rerata	
Mencit	Introducing	Mounting	Introducing	Mounting	Σ Introducing	Σ Mounting	Introducing	Mounting
1	15	3	17	0	32	3	16	1.5
2	5	0	6	0	11	0	5.5	0
3	10	1	3	0	13	1	6.5	0.5
4	11	1	14	0	25	1	12.5	0.5
5	0	0	6	0	6	0	3	0
Rerata total							8.7	0.5

DOSIS 2	15 menit pertama		15 menit kedua		Jumlah		Rerata	
Mencit	Introducing	Mounting	Introducing	Mounting	Σ Introducing	Σ Mounting	Introducing	Mounting
1	20	0	0	0	20	0	10	0
2	11	0	6	0	17	0	8.5	0
3	8	0	19	4	27	4	13.5	2
4	9	0	6	0	15	0	7.5	0
5	22	4	9	3	31	7	15.5	3.5
Rerata total							11	1.1

DOSIS 3	15 menit pertama		15 menit kedua		Jumlah		Rerata	
Mencit	Introducing	Mounting	Introducing	Mounting	Σ Introducing	Σ Mounting	Introducing	Mounting
1	8	0	7	0	15	0	7.5	0
2	4	0	12	0	16	0	8	0
3	5	0	7	0	12	0	6	0
4	19	2	13	2	32	4	16	2
5	6	0	6	0	12	0	6	0
Rerata total							8.7	0.4

KONTROL	15 menit pertama		15 menit kedua		Jumlah		Rerata	
Mencit	Introducing	Mounting	Introducing	Mounting	Σ Introducing	Σ Mounting	Introducing	Mounting
1	2	0	1	0	3	0	1.5	0
2	1	0	1	0	2	0	1	0
3	1	0	0	0	1	0	0.5	0
4	1	0	1	0	2	0	1	0
5	0	0	1	0	1	0	0.5	0
Rerata total							0.9	0

PEMBANDING	15 menit pertama		15 menit kedua		Jumlah		Rerata	
Mencit	Introducing	Mounting	Introducing	Mounting	Σ Introducing	Σ Mounting	Introducing	Mounting
1	14	0	9	0	23	0	11.5	0
2	13	0	16	0	29	0	14.5	0
3	12	0	16	0	28	0	14	0
4	15	0	15	0	30	0	15	0
5	17	0	14	0	31	0	15.5	0
Rerata total							14.1	0

3. Pengamatan hari ke-7

DOSIS 1	15 menit pertama		15 menit kedua		Jumlah		Rerata	
Mencit	Introducing	Mounting	Introducing	Mounting	Σ Introducing	Σ Mounting	Introducing	Mounting
1	25	7	24	3	49	10	24.5	5
2	2	2	3	1	5	3	2.5	1.5
3	11	22	7	0	18	22	9	11
4	8	1	2	0	10	1	5	0.5
5	18	5	2	3	20	8	10	4
Rerata total							10.2	4.4

DOSIS 2	15 menit pertama		15 menit kedua		Jumlah		Rerata	
Mencit	Introducing	Mounting	Introducing	Mounting	Σ Introducing	Σ Mounting	Introducing	Mounting
1	16	0	18	0	34	0	17	0
2	11	0	10	0	21	0	10.5	0
3	8	2	2	1	10	3	5	1.5
4	4	0	8	0	12	0	6	0
5	0	0	4	0	4	0	2	0
Rerata total							8.1	0.3

DOSIS 3	15 menit pertama		15 menit kedua		Jumlah		Rerata	
Mencit	Introducing	Mounting	Introducing	Mounting	Σ Introducing	Σ Mounting	Introducing	Mounting
1	13	0	11	0	24	0	12	0
2	20	5	7	2	27	7	13.5	3.5
3	11	1	7	0	18	1	9	0.5
4	5	0	4	0	9	0	4.5	0
5	6	0	7	0	13	0	6.5	0
Rerata total							9.1	0.8

KONTROL	15 menit pertama		15 menit kedua		Jumlah		Rerata	
Mencit	Introducing	Mounting	Introducing	Mounting	Σ Introducing	Σ Mounting	Introducing	Mounting
1	2	0	0	0	2	0	1	0
2	1	0	1	0	2	0	1	0
3	1	0	1	0	2	0	1	0
4	2	0	0	0	2	0	1	0
5	2	0	1	0	3	0	1.5	0
Rerata total							1.1	0

PEMBANDING	15 menit pertama		15 menit kedua		Jumlah		Rerata	
Mencit	Introducing	Mounting	Introducing	Mounting	Σ Introducing	Σ Mounting	Introducing	Mounting
1	13	0	16	0	29	0	14.5	0
2	9	0	13	0	22	0	11	0
3	17	0	15	0	32	0	16	0
4	16	0	6	0	22	0	11	0
5	9	0	8	0	17	0	8.5	0
Rerata total							12.2	0

LAMPIRAN 3

UJI STATISTIK

1. *Introducing*

a. *Introducing* hari ke-3

Descriptives

Ln_introducing_3

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
EEAPB_1	5	1.98	.28	.13	1.63	2.33	1.70	2.35
EEAPB_2	5	2.06	.78	.35	1.09	3.02	1.10	3.02
EEAPB_3	5	2.27	.35	.15	1.84	2.70	1.87	2.67
kontrol	5	.67	.26	.11	.35	.98	.41	.92
pembanding	5	2.39	.13	.06	2.23	2.55	2.20	2.53
Total	25	1.87	.74	.15	1.57	2.18	.41	3.02

Test of Homogeneity of Variances

Ln_introducing_3

Levene Statistic	df1	df2	Sig.
6.560	4	20	.002

ANOVA

Ln_introducing_3

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	9.614	4	2.404	13.558	.000
Within Groups	3.546	20	.177		
Total	13.160	24			

Post Hoc Tests

Multiple Comparisons

Dependent Variable: Ln_introducing_3

Tukey HSD

(I) EEAPB_1, EEAPB_2, EEAPB_3, kontrol, pembanding	(J) EEAPB_1, EEAPB_2, EEAPB_3, kontrol, pembanding	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
EEAPB_1	EEAPB_2	-.07477	.26630	.999	-.8716	.7221
	EEAPB_3	-.28246	.26630	.824	-1.0793	.5144
	kontrol	1.31584*	.26630	.001	.5190	2.1127
	pembanding	-.40826	.26630	.554	-1.2051	.3886
EEAPB_2	EEAPB_1	.07477	.26630	.999	-.7221	.8716
	EEAPB_3	-.20769	.26630	.933	-1.0046	.5892
	kontrol	1.39061*	.26630	.000	.5937	2.1875
	pembanding	-.33349	.26630	.722	-1.1304	.4634
EEAPB_3	EEAPB_1	.28246	.26630	.824	-.5144	1.0793
	EEAPB_2	.20769	.26630	.933	-.5892	1.0046
	kontrol	1.59830*	.26630	.000	.8014	2.3952
	pembanding	-.12580	.26630	.989	-.9227	.6711
kontrol	EEAPB_1	-1.31584*	.26630	.001	-2.1127	-.5190
	EEAPB_2	-1.39061*	.26630	.000	-2.1875	-.5937
	EEAPB_3	-1.59830*	.26630	.000	-2.3952	-.8014
	pembanding	-1.72409*	.26630	.000	-2.5210	-.9272
pembanding	EEAPB_1	.40826	.26630	.554	-.3886	1.2051
	EEAPB_2	.33349	.26630	.722	-.4634	1.1304
	EEAPB_3	.12580	.26630	.989	-.6711	.9227
	kontrol	1.72409*	.26630	.000	.9272	2.5210

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

Homogeneous Subsets

Ln_introducing_3

Tukey HSD

EEAPB_1, EEAPB_2, EEAPB_3, kontrol, pembanding	N	Subset for alpha = 0.05	
		1	2
kontrol	5	.6673	
EEAPB_1	5		1.9832
EEAPB_2	5		2.0579
EEAPB_3	5		2.2656
pembanding	5		2.3914
Sig.		1.000	.554

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 5,000.

b. *Introducing* hari ke-5

Descriptives

Ln_introducing_5

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
EEAPB_1	5	2.14	.58	.26	1.42	2.86	1.39	2.83
EEAPB_2	5	2.45	.28	.13	2.11	2.80	2.14	2.80
EEAPB_3	5	2.21	.37	.16	1.76	2.67	1.95	2.83
kontrol	5	.62	.22	.10	.35	.89	.41	.92
pembanding	5	2.71	.11	.05	2.57	2.85	2.53	2.80
Total	25	2.03	.81	.16	1.69	2.36	.41	2.83

Test of Homogeneity of Variances

Ln_introducing_5

Levene Statistic	df1	df2	Sig.
3.232	4	20	.034

ANOVA

Ln_introducing_5

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	13.340	4	3.335	27.398	.000
Within Groups	2.435	20	.122		
Total	15.775	24			

Post Hoc Tests

Multiple Comparisons

Dependent Variable: Ln_introducing_5

Tukey HSD

(I) EEAPB_1, EEAPB_2, EEAPB_3, kontrol, pembanding	(J) EEAPB_1, EEAPB_2, EEAPB_3, kontrol, pembanding	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
EEAPB_1	EEAPB_2	-.31157	.22066	.627	-.9719	.3487
	EEAPB_3	-.07068	.22066	.998	-.7310	.5896
	kontrol	1.51908*	.22066	.000	.8588	2.1794
	pembanding	-.56833	.22066	.113	-1.2286	.0920
EEAPB_2	EEAPB_1	.31157	.22066	.627	-.3487	.9719
	EEAPB_3	.24089	.22066	.809	-.4194	.9012
	kontrol	1.83065*	.22066	.000	1.1704	2.4909
	pembanding	-.25676	.22066	.771	-.9171	.4035
EEAPB_3	EEAPB_1	.07068	.22066	.998	-.5896	.7310
	EEAPB_2	-.24089	.22066	.809	-.9012	.4194
	kontrol	1.58976*	.22066	.000	.9295	2.2501
	pembanding	-.49765	.22066	.201	-1.1579	.1626
kontrol	EEAPB_1	-1.51908*	.22066	.000	-2.1794	-.8588
	EEAPB_2	-1.83065*	.22066	.000	-2.4909	-1.1704
	EEAPB_3	-1.58976*	.22066	.000	-2.2501	-.9295
	pembanding	-2.08741*	.22066	.000	-2.7477	-1.4271
pembanding	EEAPB_1	.56833	.22066	.113	-.0920	1.2286
	EEAPB_2	.25676	.22066	.771	-.4035	.9171
	EEAPB_3	.49765	.22066	.201	-.1626	1.1579
	kontrol	2.08741*	.22066	.000	1.4271	2.7477

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

Homogeneous Subsets

Ln_introducing_5

Tukey HSD

EEAPB_1, EEAPB_2, EEAPB_3, kontrol, pembanding	N	Subset for alpha = 0.05	
		1	2
kontrol	5	.6227	
EEAPB_1	5		2.1418
EEAPB_3	5		2.2125
EEAPB_2	5		2.4534
pembanding	5		2.7101
Sig.		1.000	.113

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 5,000.

c. *Introducing* hari ke-7

Descriptives

Ln_introducing_7

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
EEAPB_1	5	2.20	.74	.33	1.28	3.12	1.25	3.24
EEAPB_2	5	2.03	.68	.30	1.19	2.88	1.10	2.89
EEAPB_3	5	2.25	.40	.18	1.76	2.75	1.70	2.67
kontrol	5	.74	.10	.04	.61	.86	.69	.92
pembanding	5	2.56	.23	.10	2.27	2.85	2.25	2.83
Total	25	1.96	.79	.16	1.63	2.28	.69	3.24

Test of Homogeneity of Variances

Ln_introducing_7

Levene Statistic	df1	df2	Sig.
2.724	4	20	.059

ANOVA

Ln_introducing_7

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	9.997	4	2.499	10.156	.000
Within Groups	4.922	20	.246		
Total	14.920	24			

Post Hoc Tests

Multiple Comparisons

Dependent Variable: Ln_introducing_7

Tukey HSD

(I) EEAPB_1, EEAPB_2, EEAPB_3, kontrol, pembanding	(J) EEAPB_1, EEAPB_2, EEAPB_3, kontrol, pembanding	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
EEAPB_1	EEAPB_2	.16294	.31375	.984	-.7759	1.1018
	EEAPB_3	-.05553	.31375	1.000	-.9944	.8833
	kontrol	1.45896*	.31375	.001	.5201	2.3978
	pembanding	-.36230	.31375	.776	-1.3012	.5766
EEAPB_2	EEAPB_1	-.16294	.31375	.984	-1.1018	.7759
	EEAPB_3	-.21847	.31375	.955	-1.1573	.7204
	kontrol	1.29602*	.31375	.004	.3572	2.2349
	pembanding	-.52523	.31375	.471	-1.4641	.4136
EEAPB_3	EEAPB_1	.05553	.31375	1.000	-.8833	.9944
	EEAPB_2	.21847	.31375	.955	-.7204	1.1573
	kontrol	1.51449*	.31375	.001	.5756	2.4534
	pembanding	-.30676	.31375	.862	-1.2456	.6321
kontrol	EEAPB_1	-1.45896*	.31375	.001	-2.3978	-.5201
	EEAPB_2	-1.29602*	.31375	.004	-2.2349	-.3572
	EEAPB_3	-1.51449*	.31375	.001	-2.4534	-.5756
	pembanding	-1.82126*	.31375	.000	-2.7601	-.8824
pembanding	EEAPB_1	.36230	.31375	.776	-.5766	1.3012
	EEAPB_2	.52523	.31375	.471	-.4136	1.4641
	EEAPB_3	.30676	.31375	.862	-.6321	1.2456
	kontrol	1.82126*	.31375	.000	.8824	2.7601

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

Homogeneous Subsets

Ln_introducing_7

Tukey HSD

EEAPB_1, EEAPB_2, EEAPB_3, kontrol, pembanding	N	Subset for alpha = 0.05	
		1	2
kontrol	5	.7378	
EEAPB_2	5		2.0338
EEAPB_1	5		2.1967
EEAPB_3	5		2.2523
pembanding	5		2.5590
Sig.		1.000	.471

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 5,000.

d. *Introducing* hari ke-3, 5, dan 7

Descriptives

Ln_introducing_total

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
EEAPB_1	5	3.18	.46	.21	2.61	3.75	2.60	3.89
EEAPB_2	5	3.36	.15	.07	3.17	3.55	3.18	3.53
EEAPB_3	5	3.30	.26	.12	2.97	3.63	2.97	3.56
kontrol	5	1.37	.20	.09	1.12	1.62	1.10	1.61
pembanding	5	3.62	.04	.02	3.56	3.67	3.56	3.66
Total	25	2.97	.86	.17	2.61	3.32	1.10	3.89

Test of Homogeneity of Variances

Ln_introducing_total

Levene Statistic	df1	df2	Sig.
1.744	4	20	.180

ANOVA

Ln_introducing_total

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	16.431	4	4.108	59.274	.000
Within Groups	1.386	20	.069		
Total	17.817	24			

Post Hoc Tests

Multiple Comparisons

Dependent Variable: Ln_introducing_total

Tukey HSD

(I) EEAPB 1, EEAPB 2, EEAPB 3, kontrol, pembanding	(J) EEAPB 1, EEAPB 2, EEAPB 3, kontrol, pembanding	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
EEAPB_1	EEAPB_2	-.17354	.16649	.833	-.6718	.3247
	EEAPB_3	-.11741	.16649	.953	-.6156	.3808
	kontrol	1.81426*	.16649	.000	1.3161	2.3125
	pembanding	-.43374	.16649	.107	-.9320	.0645
EEAPB_2	EEAPB_1	.17354	.16649	.833	-.3247	.6718
	EEAPB_3	.05614	.16649	.997	-.4421	.5543
	kontrol	1.98781*	.16649	.000	1.4896	2.4860
	pembanding	-.26020	.16649	.536	-.7584	.2380
EEAPB_3	EEAPB_1	.11741	.16649	.953	-.3808	.6156
	EEAPB_2	-.05614	.16649	.997	-.5543	.4421
	kontrol	1.93167*	.16649	.000	1.4335	2.4299
	pembanding	-.31634	.16649	.349	-.8145	.1819
kontrol	EEAPB_1	-1.81426*	.16649	.000	-2.3125	-1.3161
	EEAPB_2	-1.98781*	.16649	.000	-2.4860	-1.4896
	EEAPB_3	-1.93167*	.16649	.000	-2.4299	-1.4335
	pembanding	-2.24801*	.16649	.000	-2.7462	-1.7498
pembanding	EEAPB_1	.43374	.16649	.107	-.0645	.9320
	EEAPB_2	.26020	.16649	.536	-.2380	.7584
	EEAPB_3	.31634	.16649	.349	-.1819	.8145
	kontrol	2.24801*	.16649	.000	1.7498	2.7462

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

Homogeneous Subsets

Ln_introducing_total

Tukey HSD

EEAPB 1, EEAPB 2, EEAPB 3, kontrol, pembanding	N	Subset for alpha = 0.05	
		1	2
kontrol	5	1.3702	
EEAPB_1	5		3.1845
EEAPB_3	5		3.3019
EEAPB_2	5		3.3580
pembanding	5		3.6182
Sig.		1.000	.107

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 5,000.

2. *Mounting*

a. *Mounting* hari ke-3

Descriptives

Ln_mounting_3

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
EEAPB_1	5	1.12	.43	.19	.58	1.65	.69	1.70
EEAPB_2	5	.59	.39	.17	.10	1.07	.00	.92
EEAPB_3	5	.42	.74	.33	-.49	1.34	.00	1.70
kontrol	5	.14	.31	.14	-.25	.52	.00	.69
pembanding	5	.00	.00	.00	.00	.00	.00	.00
Total	25	.45	.57	.11	.22	.69	.00	1.70

Test of Homogeneity of Variances

Ln_mounting_3

Levene Statistic	df1	df2	Sig.
2.707	4	20	.060

ANOVA

Ln_mounting_3

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	3.834	4	.958	4.900	.006
Within Groups	3.912	20	.196		
Total	7.745	24			

Post Hoc Tests

Multiple Comparisons

Dependent Variable: Ln_mounting_3

Tukey HSD

(I) EEAPB_1, EEAPB_2, EEAPB_3, kontrol, pembanding	(J) EEAPB_1, EEAPB_2, EEAPB_3, kontrol, pembanding	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
EEAPB_1	EEAPB_2	.53307	.27970	.346	-.3039	1.3700
	EEAPB_3	.69727	.27970	.132	-.1397	1.5342
	kontrol	.98068*	.27970	.017	.1437	1.8176
	pembanding	1.11931*	.27970	.006	.2824	1.9563
EEAPB_2	EEAPB_1	-.53307	.27970	.346	-1.3700	.3039
	EEAPB_3	.16420	.27970	.975	-.6728	1.0012
	kontrol	.44761	.27970	.514	-.3894	1.2846
	pembanding	.58624	.27970	.260	-.2507	1.4232
EEAPB_3	EEAPB_1	-.69727	.27970	.132	-1.5342	.1397
	EEAPB_2	-.16420	.27970	.975	-1.0012	.6728
	kontrol	.28341	.27970	.846	-.5536	1.1204
	pembanding	.42204	.27970	.569	-.4149	1.2590
kontrol	EEAPB_1	-.98068*	.27970	.017	-1.8176	-.1437
	EEAPB_2	-.44761	.27970	.514	-1.2846	.3894
	EEAPB_3	-.28341	.27970	.846	-1.1204	.5536
	pembanding	.13863	.27970	.987	-.6983	.9756
pembanding	EEAPB_1	-1.11931*	.27970	.006	-1.9563	-.2824
	EEAPB_2	-.58624	.27970	.260	-1.4232	.2507
	EEAPB_3	-.42204	.27970	.569	-1.2590	.4149
	kontrol	-.13863	.27970	.987	-.9756	.6983

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

Homogeneous Subsets

Ln_mounting_3

Tukey HSD

EEAPB_1, EEAPB_2, EEAPB_3, kontrol, pembanding	N	Subset for alpha = 0.05	
		1	2
pembanding	5	.0000	
kontrol	5	.1386	
EEAPB_3	5	.4220	.4220
EEAPB_2	5	.5862	.5862
EEAPB_1	5		1.1193
Sig.		.260	.132

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 5,000.

b. *Mounting* hari ke-5

Descriptives

Ln_mounting_5

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
EEAPB_1	5	.35	.38	.17	-.12	.81	.00	.92
EEAPB_2	5	.52	.73	.33	-.38	1.42	.00	1.50
EEAPB_3	5	.22	.49	.22	-.39	.83	.00	1.10
kontrol	5	.00	.00	.00	.00	.00	.00	.00
pembanding	5	.00	.00	.00	.00	.00	.00	.00
Total	25	.22	.44	.09	.04	.40	.00	1.50

Test of Homogeneity of Variances

Ln_mounting_5

Levene Statistic	df1	df2	Sig.
9.857	4	20	.000

ANOVA

Ln_mounting_5

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	1.014	4	.254	1.389	.274
Within Groups	3.652	20	.183		
Total	4.666	24			

Post Hoc Tests

Multiple Comparisons

Dependent Variable: Ln_mounting_5

Tukey HSD

(I) EEAPB_1, EEAPB_2, EEAPB_3, kontrol, pembanding	(J) EEAPB_1, EEAPB_2, EEAPB_3, kontrol, pembanding	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
EEAPB_1	EEAPB_2	-.17509	.27025	.965	-.9838	.6336
	EEAPB_3	.12572	.27025	.990	-.6830	.9344
	kontrol	.34544	.27025	.707	-.4632	1.1541
	pembanding	.34544	.27025	.707	-.4632	1.1541
EEAPB_2	EEAPB_1	.17509	.27025	.965	-.6336	.9838
	EEAPB_3	.30082	.27025	.798	-.5079	1.1095
	kontrol	.52054	.27025	.336	-.2881	1.3292
	pembanding	.52054	.27025	.336	-.2881	1.3292
EEAPB_3	EEAPB_1	-.12572	.27025	.990	-.9344	.6830
	EEAPB_2	-.30082	.27025	.798	-1.1095	.5079
	kontrol	.21972	.27025	.924	-.5890	1.0284
	pembanding	.21972	.27025	.924	-.5890	1.0284
kontrol	EEAPB_1	-.34544	.27025	.707	-1.1541	.4632
	EEAPB_2	-.52054	.27025	.336	-1.3292	.2881
	EEAPB_3	-.21972	.27025	.924	-1.0284	.5890
	pembanding	.00000	.27025	1.000	-.8087	.8087
pembanding	EEAPB_1	-.34544	.27025	.707	-1.1541	.4632
	EEAPB_2	-.52054	.27025	.336	-1.3292	.2881
	EEAPB_3	-.21972	.27025	.924	-1.0284	.5890
	kontrol	.00000	.27025	1.000	-.8087	.8087

Homogeneous Subsets

Ln_mounting_5

Tukey HSD

EEAPB_1, EEAPB_2, EEAPB_3, kontrol, pembanding	N	Subset for alpha = 0.05
		1
kontrol	5	.0000
pembanding	5	.0000
EEAPB_3	5	.2197
EEAPB_1	5	.3454
EEAPB_2	5	.5205
Sig.		.336

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 5,000.

c. *Mounting* hari ke-7

Descriptives

Ln_mounting_7

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
EEAPB_1	5	1.44	.80	.36	.44	2.44	.41	2.48
EEAPB_2	5	.18	.41	.18	-.33	.69	.00	.92
EEAPB_3	5	.38	.65	.29	-.43	1.19	.00	1.50
kontrol	5	.00	.00	.00	.00	.00	.00	.00
pembanding	5	.00	.00	.00	.00	.00	.00	.00
Total	25	.40	.71	.14	.11	.70	.00	2.48

Test of Homogeneity of Variances

Ln_mounting_7

Levene Statistic	df1	df2	Sig.
5.031	4	20	.006

ANOVA

Ln_mounting_7

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	7.261	4	1.815	7.323	.001
Within Groups	4.958	20	.248		
Total	12.219	24			

Post Hoc Tests

Multiple Comparisons

Dependent Variable: Ln_mounting_7

Tukey HSD

(I) EEAPB_1, EEAPB_2, EEAPB_3, kontrol, pembanding	(J) EEAPB_1, EEAPB_2, EEAPB_3, kontrol, pembanding	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
EEAPB_1	EEAPB_2	1.25831*	.31489	.006	.3160	2.2006
	EEAPB_3	1.05966*	.31489	.023	.1174	2.0019
	kontrol	1.44157*	.31489	.002	.4993	2.3838
	pembanding	1.44157*	.31489	.002	.4993	2.3838
EEAPB_2	EEAPB_1	-1.25831*	.31489	.006	-2.2006	-.3160
	EEAPB_3	-.19865	.31489	.968	-1.1409	.7436
	kontrol	.18326	.31489	.976	-.7590	1.1255
	pembanding	.18326	.31489	.976	-.7590	1.1255
EEAPB_3	EEAPB_1	-1.05966*	.31489	.023	-2.0019	-.1174
	EEAPB_2	.19865	.31489	.968	-.7436	1.1409
	kontrol	.38191	.31489	.744	-.5604	1.3242
	pembanding	.38191	.31489	.744	-.5604	1.3242
kontrol	EEAPB_1	-1.44157*	.31489	.002	-2.3838	-.4993
	EEAPB_2	-.18326	.31489	.976	-1.1255	.7590
	EEAPB_3	-.38191	.31489	.744	-1.3242	.5604
	pembanding	.00000	.31489	1.000	-.9423	.9423
pembanding	EEAPB_1	-1.44157*	.31489	.002	-2.3838	-.4993
	EEAPB_2	-.18326	.31489	.976	-1.1255	.7590
	EEAPB_3	-.38191	.31489	.744	-1.3242	.5604
	kontrol	.00000	.31489	1.000	-.9423	.9423

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

Homogeneous Subsets

Ln_mounting_7

Tukey HSD

EEAPB_1, EEAPB_2, EEAPB_3, kontrol, pembanding	N	Subset for alpha = 0.05	
		1	2
kontrol	5	.0000	
pembanding	5	.0000	
EEAPB_2	5	.1833	
EEAPB_3	5	.3819	
EEAPB_1	5		1.4416
Sig.		.744	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 5,000.

d. *Mounting* hari ke-3, 5, dan 7

Descriptives

Ln_mounting_total

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
EEAPB_1	5	1.97	.59	.26	1.24	2.71	1.25	2.60
EEAPB_2	5	.96	.79	.35	-.01	1.94	.00	1.79
EEAPB_3	5	.84	.90	.40	-.28	1.96	.00	2.01
Kontrol	5	.14	.31	.14	-.25	.52	.00	.69
Pembanding	5	.00	.00	.00	.00	.00	.00	.00
Total	25	.78	.91	.18	.41	1.16	.00	2.60

Test of Homogeneity of Variances

Ln_mounting_total

Levene Statistic	df1	df2	Sig.
6.075	4	20	.002

ANOVA

Ln_mounting_total

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	12.389	4	3.097	8.243	.000
Within Groups	7.515	20	.376		
Total	19.904	24			

Post Hoc Tests

Multiple Comparisons

Dependent Variable: Ln_mounting_total

Tukey HSD

(I) EEAPB 1, EEAPB 2, EEAPB 3, kontrol, pembanding	(J) EEAPB 1, EEAPB 2, EEAPB 3, kontrol, pembanding	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
EEAPB_1	EEAPB_2	1.00822	.38768	.108	-.1519	2.1683
	EEAPB_3	1.12944	.38768	.059	-.0306	2.2895
	Kontrol	1.83324*	.38768	.001	.6731	2.9933
	Pembanding	1.97187*	.38768	.000	.8118	3.1320
EEAPB_2	EEAPB_1	-1.00822	.38768	.108	-2.1683	.1519
	EEAPB_3	.12123	.38768	.998	-1.0389	1.2813
	Kontrol	.82502	.38768	.247	-.3351	1.9851
	Pembanding	.96365	.38768	.134	-.1964	2.1237
EEAPB_3	EEAPB_1	-1.12944	.38768	.059	-2.2895	.0306
	EEAPB_2	-.12123	.38768	.998	-1.2813	1.0389
	Kontrol	.70380	.38768	.393	-.4563	1.8639
	Pembanding	.84243	.38768	.230	-.3177	2.0025
Kontrol	EEAPB_1	-1.83324*	.38768	.001	-2.9933	-.6731
	EEAPB_2	-.82502	.38768	.247	-1.9851	.3351
	EEAPB_3	-.70380	.38768	.393	-1.8639	.4563
	Pembanding	.13863	.38768	.996	-1.0215	1.2987
Pembanding	EEAPB_1	-1.97187*	.38768	.000	-3.1320	-.8118
	EEAPB_2	-.96365	.38768	.134	-2.1237	.1964
	EEAPB_3	-.84243	.38768	.230	-2.0025	.3177
	Kontrol	-.13863	.38768	.996	-1.2987	1.0215

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

Homogeneous Subsets

Ln_mounting_total

Tukey HSD

EEAPB 1, EEAPB 2, EEAPB 3, kontrol, pembanding	N	Subset for alpha = 0.05	
		1	2
Pembanding	5	.0000	
Kontrol	5	.1386	
EEAPB_3	5	.8424	.8424
EEAPB_2	5	.9637	.9637
EEAPB_1	5		1.9719
Sig.		.134	.059

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 5,000.

LAMPIRAN 4

DOKUMENTASI PENELITIAN

Ekstrak Etanol Akar Pasak Bumi dalam Jamu "T"

Kapsul *Testosterone undecanoate*

Kandang penyimpanan mencit

Kandang pengamatan mencit

Introducing

Mounting

LAMPIRAN 5

DATA EKSTRAK ETANOL AKAR PASAK BUMI DALAM JAMU "T"

HERBAL MEDICINE INDUSTRY
SEMARANG - INDONESIA

Certificate of Analysis
Dry Extract

GENERAL DATA	
Plant Species	*Eurycoma longifolia*
Botanical part used	Root
Ratio Botanical Extract	30 : 1
Excipients	Maltodextrin
Preservatives	N/A
Extraction Solvent	Ethanol 70%
Storage	store in cool and dry place, keep away from strong light and heat

ITEM	SPECIFICATION	TEST RESULT	TEST METHOD
IDENTIFICATION TEST			
Appearance	Fine powder	Complies	Visual
Color	Light Brown	Complies	Visual
Odor	Aromatic	Complies	Organoleptic
Taste	Bitter	Complies	Organoleptic
Mesh Size	25 mesh	Complies	25 mesh screen
Loss On Drying	5.0 % max	2.78%	2g/105^{0}C/15 minutes
HEAVY METALS			
Arsenic (As)	3 ppm max	Complies	AAS
Lead (Pb)	10 ppm max	Complies	AAS
MICROBIOLOGICAL TEST			
Total Plate Count	Not more than 1000 cfu/gram	< 100 cfu/gram	Dilution Plating
Fungi/Yeast and molds	Not more than 100 cfu/gram	< 100 cfu/gram	Dilution Plating

REMARKS : COMPLIES WITH THE SPECIFICATION

LAMPIRAN 6

SURAT KEPUTUSAN KOMISI ETIK PENELITIAN

KOMISI ETIK PENELITIAN
FAKULTAS KEDOKTERAN
UK MARANATHA - R.S. IMMANUEL
BANDUNG
No Reg : 033/KNEPK/2008

Email: ethic_fkukmrsi@med.maranatha.edu

SURAT KEPUTUSAN

NO: 28/KEP FK UKM-RSI/IV/2012

Menimbang:

a) Bahwa dalam upaya melindungi hak asasi dan kesejahteraan subjek penelitian kesehatan harus mendapat penilaian dan rekomendasi etik penelitian kesehatan dari Komite Etik Penelitian Kesehatan

b) bahwa sehubungan dengan butir (a) tersebut diatas telah diajukan permohonan penilaian dan rekomendasi etik penelitian kesehatan berjudul:
Pengaruh Ekstrak Etanol Akar Pasak Bumi dalam Jamu "T" Terhadap Perilaku Seksual Mencit Swiss Webster Jantan
oleh **Melissa Christina**
selaku penanggung jawab penelitian

c) bahwa terhadap permohonan tersebut pada butir (b) telah dilakukan pengkajian yang mendalam oleh Komite Etik Penelitian Kesehatan

d) bahwa sehubungan dengan butir (a), (b) dan (c) perlu dikeluarkan surat keputusan hasil penilaian dan rekomendasi kelayakan etik penelitian *(ethical approval)*

Mengingat: Surat Keputusan Dekan Fakultas Kedokteran Universitas Kristen Maranatha No. 317/III/S.Kep./FK-UKM/2011, tentang PEMBENTUKAN DAN PENGANGKATAN PENGURUS KOMISI ETIK PENELITIAN FAKULTAS KEDOKTERAN UNIVERSITAS KRISTEN MARANATHA – RUMAH SAKIT IMMANUEL (KEP FK UKM-RSI).

M E M U T U S K A N

Menetapkan

Pertama: Menyetujui dan mengijinkan pelaksanaan penelitian berjudul:
Pengaruh Ekstrak Etanol Akar Pasak Bumi dalam Jamu "T" Terhadap Perilaku Seksual Mencit Swiss Webster Jantan
dengan penanggung jawab:
Melissa Christina

Kedua: Surat keputusan ini berlaku sejak ditetapkan dengan ketentuan akan ditinjau kembali apabila di kemudian hari ternyata terdapat kekeliruan

Ditetapkan di : Bandung
Pada tanggal : 02 April 2012

Ketua	Sekretaris
Prof. DR H.R Muchtan Sujatno, dr, SpFK(K)	Dr. Diana Krisanti Jasaputra, dr, M Kes

FAKULTAS KEDOKTERAN UK. MARANATHA * KOMISI ETIK PENELITIAN * RUMAH SAKIT IMMANUEL *

RIWAYAT HIDUP

Nama : Melissa Christina

NRP : 0910126

Tempat, Tanggal Lahir : Bandung, 16 September 1990

Alamat : Jalan Setrasari Kulon V No. 5, Bandung

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TK Santa Angela, Bandung, 1995-1997

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Mahasiswa Fakultas Kedokteran Universitas Kristen Maranatha Bandung 2009 - sekarang