

## LAMPIRAN 1

### PERHITUNGAN DOSIS

#### Perhitungan dosis pembanding (Andriol)

Kandungan Andriol (1 kaplet/tablet)= 40 mg

Faktor konversi dari dosis manusia (80 mg/70 kg BB) ke dosis mencit yang beratnya 20 g adalah 0.0026

Mencit yang digunakan dalam penelitian beratnya  $\pm 27$  g

Perhitungan :

Dosis Andriol = 80 mg/70 kg BB manusia

$$\begin{aligned} \text{Dosis Andriol untuk mencit} &= 80 \text{ mg} \times 0.0026 \\ &= 0.208 \text{ mg}/20 \text{ g BB} \\ &= 0.2808 \text{ mg}/27 \text{ g BB}/0.5 \text{ ml} \\ &= 10.4 \text{ mg}/\text{kg BB} \end{aligned}$$

$$\begin{aligned} \text{Pembuatan larutan andriol} &= 0.2808 \text{ mg}/0.5 \text{ ml} \\ &= 0.5616 \text{ mg}/\text{ml} \\ &= 5.616 \text{ mg}/10 \text{ ml} \\ &= 5.6 \text{ mg}/10 \text{ ml} \end{aligned}$$

$$\begin{aligned} 40 \text{ mg}/\text{tablet} &= 40 \text{ mg}/10 \text{ ml} \\ &= (5.6 : 40) \times 10 \text{ ml} = 1.4 \text{ ml} \end{aligned}$$

Larutan Andriol akhirnya yang diberikan :

1.4 ml Andriol dalam Na-CMC 1% ditambahkan 8.6 ml Na-CMC 1%

#### Perhitungan dosis ekstrak etanol biji pala

Dosis efektif pada mencit : 500 mg/kg BB

750 mg/kg BB (Tajuddin *et al*, 2005)

Mencit yang digunakan pada penelitian beratnya  $\pm 24$  g

Volume lambung mencit  $\pm 0.5$  ml

Perhitungan :

Dosis yang digunakan : EEBP-1 = 500 mg/kg BB

EEBP-2 = 750 mg/kg BB

Perhitungan D2 :

EEBP-2 = 18 mg/mencit 24 g/0.5 ml × 4 ekor

= 36 mg/mencit 24 g/ml

= 360 mg/10 ml Na-CMC 1%

Larutan EEBP-2 = diambil sebanyak 5 ml

Perhitungan D1 :

EEBP-1 = 500 mg/kg BB mencit

= 12 mg/24 g BB mencit

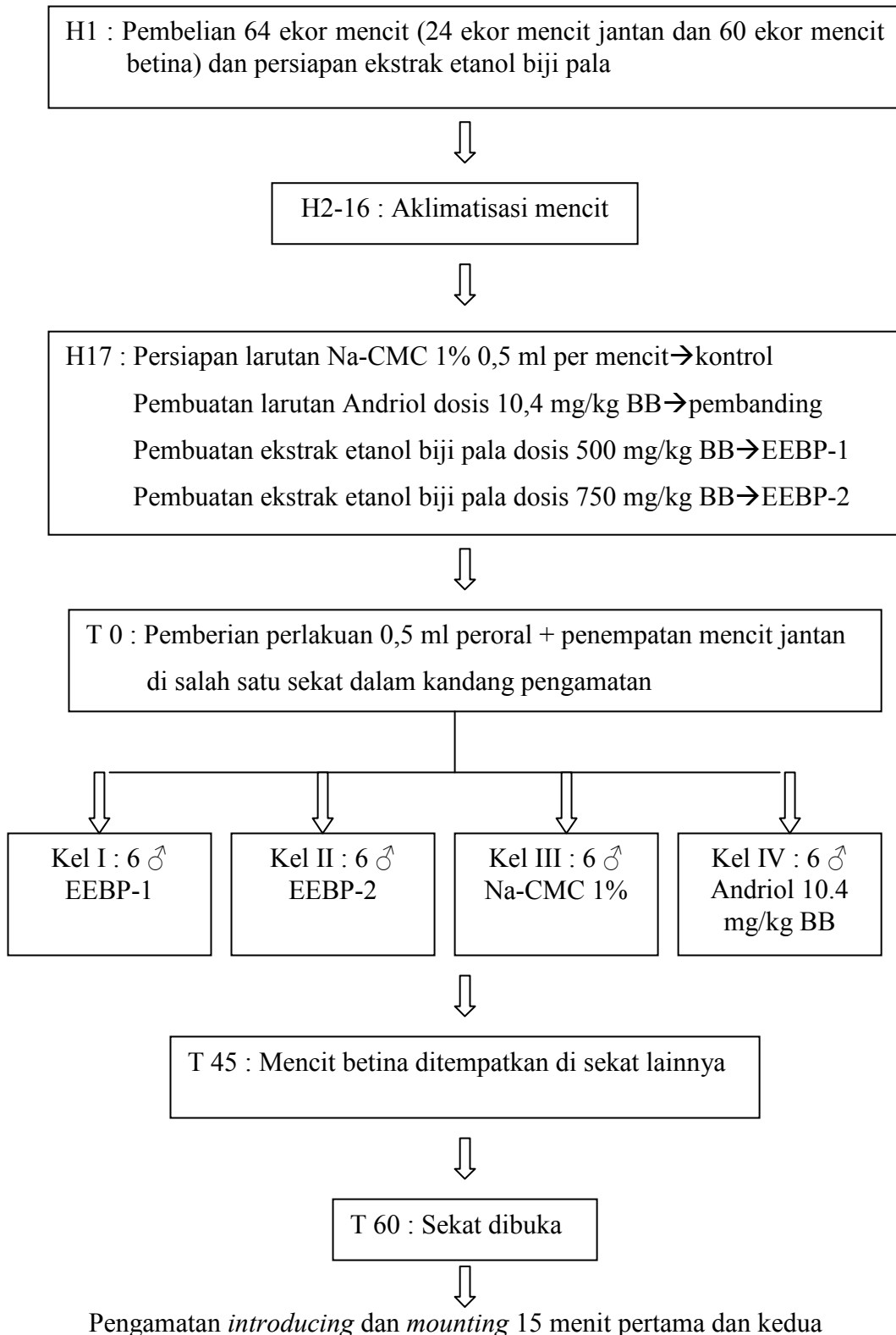
Dosis 1 diberikan 12 mg/0.5 ml

Larutan EEBP-1 = 3.6 ml D2 dalam Na-CMC 1% ditambahkan 1.4 ml Na-CMC

1% = 5 ml

## LAMPIRAN 2

### ALUR PENELITIAN



### LAMPIRAN 3

### DATA KASAR PENELITIAN

#### *INTRODUCING*

KELOMPOK PERLAKUAN	HARI 5		HARI 7		RATA-RATA
	<i>INTRODUCING</i> 15 MENIT PERTAMA	<i>INTRODUCING</i> 15 MENIT KEDUA	<i>INTRODUCING</i> 15 MENIT PERTAMA	<i>INTRODUCING</i> 15 MENIT KEDUA	
EEBP-1	31	16	50	22	29.75
	23	18	22	9	18.00
	29	19	10	5	15.75
	19	10	11	3	10.75
	22	17	13	6	14.50
	24	18	21	8	17.75
EEBP-2	0	0	16	4	5.00
	16	4	13	8	10.25
	16	2	0	0	4.50
	13	6	12	3	8.50
	10	7	11	5	8.25
	11	9	9	5	8.50
Kontrol	8	8	0	0	4.00
	15	13	17	5	12.50
	11	7	10	6	8.50
	8	13	17	8	11.50
	10	5	10	6	7.75
	9	10	7	3	7.25
Pemanding	18	3	0	2	5.75
	24	19	36	16	23.75
	37	25	10	10	20.50
	27	22	24	13	21.50
	30	15	18	15	19.50
	10	17	30	25	20.50

*MOUNTING*

KELOMPOK PERLAKUAN	HARI 5		HARI 7		RATA-RATA
	<i>MOUNTING</i> 15 MENIT PERTAMA	<i>MOUNTING</i> 15 MENIT KEDUA	<i>MOUNTING</i> 15 MENIT PERTAMA	<i>MOUNTING</i> 15 MENIT KEDUA	
EEBP-1	24	9	27	11	17.75
	13	7	12	3	8.75
	18	12	3	2	8.75
	8	1	4	0	3.25
	16	5	4	1	6.50
	17	7	10	2	9.00
EEBP-2	0	0	4	1	1.25
	2	1	5	2	2.50
	6	0	0	0	1.50
	12	0	9	0	5.25
	5	1	4	1	2.75
	4	2	2	0	2.00
Kontrol	3	2	0	1	1.50
	5	3	5	2	3.75
	0	0	0	0	0.00
	3	1	2	0	1.50
	4	2	3	5	3.50
	2	3	1	0	1.50
Pemanding	14	8	2	2	6.50
	13	7	21	6	11.75
	22	12	3	4	10.25
	8	4	2	4	4.50
	21	14	18	13	16.50
	10	17	17	25	17.25

## LAMPIRAN 4

### UJI STATISTIK

#### 4.1 Rerata *Introducing* hari kelima

##### Oneway

##### Descriptives

Rerata *Introducing* hari kelima

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Min	Max
					Lower Bound	Upper Bound		
EEBP-1	6	20.5000	3.42053	1.39642	16.9104	24.0896	14.50	24.00
EEBP-2	6	7.8333	3.88158	1.58465	3.7599	11.9068	.00	10.00
Kontrol	6	9.7500	2.33987	.95525	7.2945	12.2055	7.50	14.00
Pembanding	6	20.5833	7.48610	3.05619	12.7272	28.4395	10.50	31.00
Total	24	14.6667	7.46247	1.52327	11.5155	17.8178	.00	31.00

##### Test of Homogeneity of Variances

Rerata *Introducing* hari kelima

Levene Statistic	df1	df2	Sig.
2.522	3	20	.087

##### ANOVA

Rerata *Introducing* hari kelima

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	839.417	3	279.806	12.678	.000
Within Groups	441.417	20	22.071		
Total	1280.833	23			

## Post Hoc Tests

### Multiple Comparisons

Dependent Variable: Rerata *Introducing* hari kelima  
Tukey HSD

(I) Kelompok Perlakuan	(J) Kelompok Perlakuan	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
EEBP-1	EEBP-2	12.66667(*)	2.71237	.001	5.0749	20.2584
	Kontrol	10.75000(*)	2.71237	.004	3.1583	18.3417
	Pembanding	-.08333	2.71237	1.000	-7.6751	7.5084
EEBP-2	EEBP-1	-12.66667(*)	2.71237	.001	-20.2584	-5.0749
	Kontrol	-1.91667	2.71237	.893	-9.5084	5.6751
	Pembanding	-12.75000(*)	2.71237	.001	-20.3417	-5.1583
Kontrol	EEBP-1	-10.75000(*)	2.71237	.004	-18.3417	-3.1583
	EEBP-2	1.91667	2.71237	.893	-5.6751	9.5084
	Pembanding	-10.83333(*)	2.71237	.004	-18.4251	-3.2416
Pembanding	EEBP-1	.08333	2.71237	1.000	-7.5084	7.6751
	EEBP-2	12.75000(*)	2.71237	.001	5.1583	20.3417
	Kontrol	10.83333(*)	2.71237	.004	3.2416	18.4251

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

## Homogeneous Subsets

### Rerata *Introducing* hari kelima

Tukey HSD

Kelompok perlakuan	N	Subset for alpha = .05	
		1	2
EEBP-2	6	7.8333	
Kontrol	6	9.7500	
EEBP-1	6		20.5000
Pembanding	6		20.5833
Sig.		.893	1.000

Means for groups in homogeneous subsets are displayed.

a Uses Harmonic Mean Sample Size = 4.000.

## 4.2 Rerata *Introducing* hari ketujuh

### Oneway

#### Descriptives

Rerata *Introducing* hari ketujuh

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Min	Max
					Lower Bound	Upper Bound		
EEBP-1	6	15.0000	10.88118	4.44222	3.5809	26.4191	7.00	36.00
EEBP-2	6	7.1667	3.77712	1.54200	3.2028	11.1305	.00	10.50
Kontrol	6	7.4167	4.47679	1.82764	2.7186	12.1148	.00	12.50
Pembanding	6	16.5833	9.97706	4.07312	6.1131	27.0536	1.00	27.50
Total	24	11.5417	8.60348	1.75618	7.9087	15.1746	.00	36.00

#### Test of Homogeneity of Variances

Rerata *Introducing* hari ketujuh

Levene Statistic	df1	df2	Sig.
1.531	3	20	.237



## ANOVA

Rerata *Introducing* hari ketujuh

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	441.208	3	147.069	2.332	.105
Within Groups	1261.250	20	63.063		
Total	1702.458	23			

## Post Hoc Tests

### Multiple Comparisons

Dependent Variable: Rerata *Introducing* hari ketujuh  
Tukey HSD

(I) Kelompok Perlakuan	(J) Kelompok Perlakuan	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
EEBP-1	EEBP-2	7.83333	4.58485	.345	-4.9994	20.6660
	Kontrol	7.58333	4.58485	.373	-5.2494	20.4160
	Pembanding	-1.58333	4.58485	.985	-14.4160	11.2494
EEBP-2	EEBP-1	-7.83333	4.58485	.345	-20.6660	4.9994
	Kontrol	-.25000	4.58485	1.000	-13.0827	12.5827
	Pembanding	-9.41667	4.58485	.202	-22.2494	3.4160
Kontrol	EEBP-1	-7.58333	4.58485	.373	-20.4160	5.2494
	EEBP-2	.25000	4.58485	1.000	-12.5827	13.0827
	Pembanding	-9.16667	4.58485	.221	-21.9994	3.6660
Pembanding	EEBP-1	1.58333	4.58485	.985	-11.2494	14.4160
	EEBP-2	9.41667	4.58485	.202	-3.4160	22.2494
	Kontrol	9.16667	4.58485	.221	-3.6660	21.9994

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

## Homogeneous Subsets

### Rerata *Introducing* hari ketujuh

Tukey HSD

Kelompok perlakuan	N	Subset for alpha = .05
		1
EEBP-2	6	7.1667
Kontrol	6	7.4167
EEBP-1	6	15.0000
Pembanding	6	16.5833
Sig.		.202

Means for groups in homogeneous subsets are displayed.

a Uses Harmonic Mean Sample Size = 4.000.

### 4.3 Rerata *Mounting* hari kelima

#### Oneway

#### Descriptives

Rerata mounting hari kelima

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Min	Max
					Lower Bound	Upper Bound		
EEBP-1	6	11.4167	4.23576	1.72924	6.9715	15.8618	4.50	16.50
EEBP-2	6	2.7500	1.99374	.81394	.6577	4.8423	.00	6.00
Kontrol	6	2.3333	1.32916	.54263	.9385	3.7282	.00	4.00
Pembanding	6	12.5000	4.40454	1.79815	7.8777	17.1223	6.00	17.50
Total	24	7.2500	5.71611	1.16680	4.8363	9.6637	.00	17.50

#### Test of Homogeneity of Variances

Rerata mounting hari kelima

Levene Statistic	df1	df2	Sig.
2.845	3	20	.064

## ANOVA

Rerata mounting hari kelima

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	536.083	3	178.694	16.591	.000
Within Groups	215.417	20	10.771		
Total	751.500	23			

## Post Hoc Tests

### Multiple Comparisons

Dependent Variable: Rerata mounting hari kelima  
Tukey HSD

(I) Kelompok Perlakuan	(J) Kelompok Perlakuan	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
EEBP-1	EEBP-2	8.66667(*)	1.89480	.001	3.3632	13.9701
	Kontrol	9.08333(*)	1.89480	.001	3.7799	14.3868
	Pembanding	-1.08333	1.89480	.939	-6.3868	4.2201
EEBP-2	EEBP-1	-8.66667(*)	1.89480	.001	-13.9701	-3.3632
	Kontrol	.41667	1.89480	.996	-4.8868	5.7201
	Pembanding	-9.75000(*)	1.89480	.000	-15.0534	-4.4466
Kontrol	EEBP-1	-9.08333(*)	1.89480	.001	-14.3868	-3.7799
	EEBP-2	-.41667	1.89480	.996	-5.7201	4.8868
	Pembanding	-10.16667(*)	1.89480	.000	-15.4701	-4.8632
Pembanding	EEBP-1	1.08333	1.89480	.939	-4.2201	6.3868
	EEBP-2	9.75000(*)	1.89480	.000	4.4466	15.0534
	Kontrol	10.16667(*)	1.89480	.000	4.8632	15.4701

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

## Homogeneous Subsets

### Rerata *Introducing* hari kelima

Tukey HSD

Kelompok perlakuan	N	Subset for alpha = .05	
		1	2
Kontrol	6	2.3333	
EEBP-2	6	2.7500	
EEBP-1	6		11.4167
Pembanding	6		12.5000
Sig.		.996	.939

Means for groups in homogeneous subsets are displayed.

a Uses Harmonic Mean Sample Size = 4.000.

## 4.4 Rerata *Mounting* hari ketujuh

### Oneway

#### Descriptives

Rerata *Mounting* hari ketujuh

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Min	Max
					Lower Bound	Upper Bound		
EEBP-1	6	6.5833	6.47624	2.64391	-.2131	13.3797	2.00	19.00
EEBP-2	6	2.3333	1.63299	.66667	.6196	4.0471	.00	4.50
Kontrol	6	1.5833	1.71513	.70020	-.2166	3.3833	.00	4.00
Pembanding	6	9.7500	7.97966	3.25768	1.3759	18.1241	2.00	21.00
Total	24	5.0625	5.96787	1.21819	2.5425	7.5825	.00	21.00

#### Test of Homogeneity of Variances

Rerata *Mounting* hari ketujuh

Levene Statistic	df1	df2	Sig.
6.811	3	20	.002

## ANOVA

Rerata *Mounting* hari ketujuh

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	263.031	3	87.677	3.153	.047
Within Groups	556.125	20	27.806		
Total	819.156	23			

## Post Hoc Tests

### Multiple Comparisons

Dependent Variable: Rerata *Mounting* hari ketujuh  
Tukey HSD

(I) Kelompok Perlakuan	(J) Kelompok Perlakuan	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
EEBP-1	EEBP-2	4.25000	3.04446	.516	-4.2713	12.7713
	Kontrol	5.00000	3.04446	.379	-3.5213	13.5213
	Pembanding	-3.16667	3.04446	.728	-11.6879	5.3546
EEBP-2	EEBP-1	-4.25000	3.04446	.516	-12.7713	4.2713
	Kontrol	.75000	3.04446	.995	-7.7713	9.2713
	Pembanding	-7.41667	3.04446	.102	-15.9379	1.1046
Kontrol	EEBP-1	-5.00000	3.04446	.379	-13.5213	3.5213
	EEBP-2	-.75000	3.04446	.995	-9.2713	7.7713
	Pembanding	-8.16667	3.04446	.063	-16.6879	.3546
Pembanding	EEBP-1	3.16667	3.04446	.728	-5.3546	11.6879
	EEBP-2	7.41667	3.04446	.102	-1.1046	15.9379
	Kontrol	8.16667	3.04446	.063	-.3546	16.6879

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

## Homogeneous Subsets

### Rerata *Mounting* hari ketujuh

Tukey *HSD*

Kelompok perlakuan	N	Subset for alpha = .05
		1
Kontrol	6	1.5833
EEBP-2	6	2.3333
EEBP-1	6	6.5833
Pembanding	6	9.7500
Sig.		.063

Means for groups in homogeneous subsets are displayed.

a Uses Harmonic Mean Sample Size = 4.000.