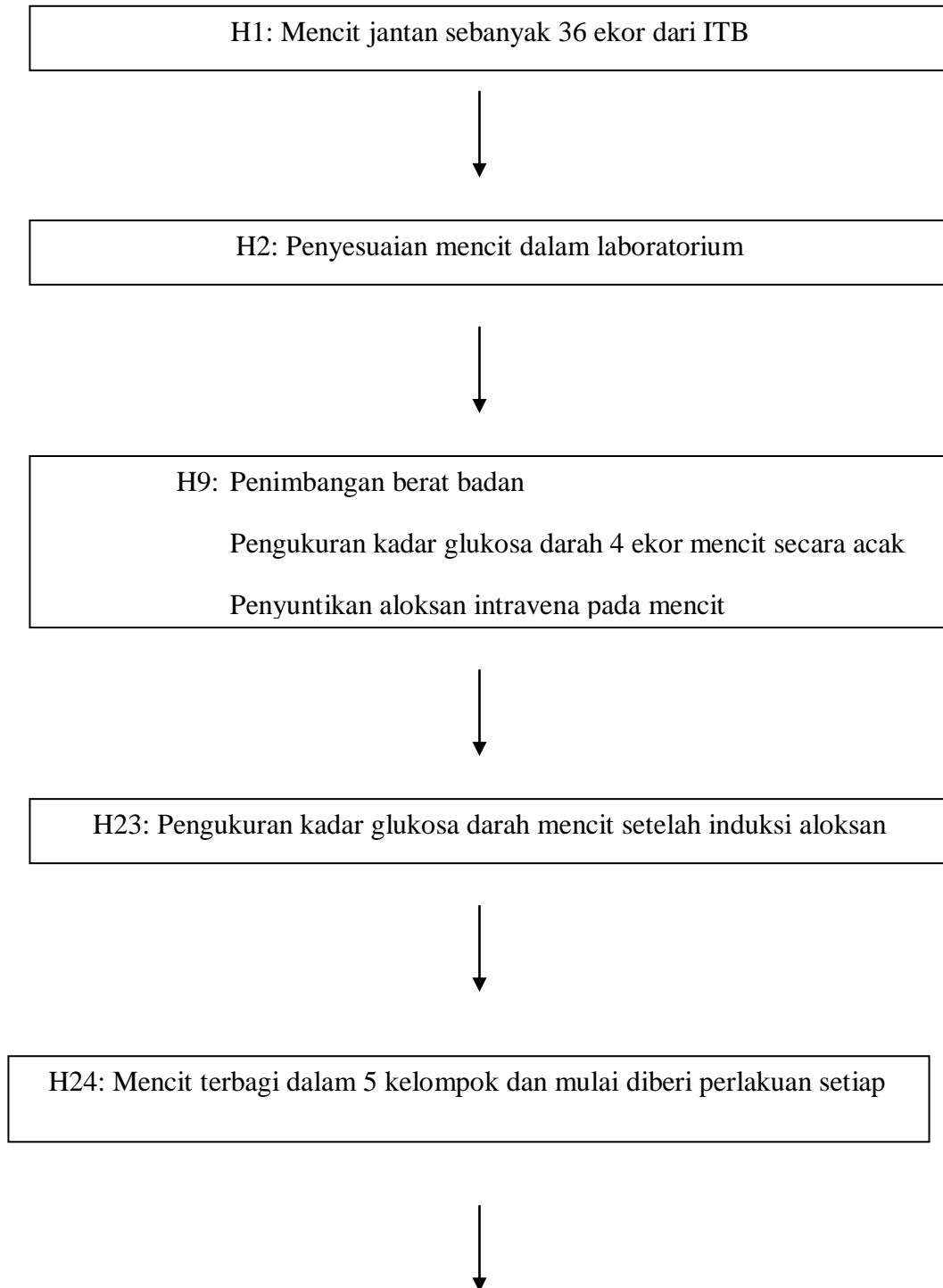
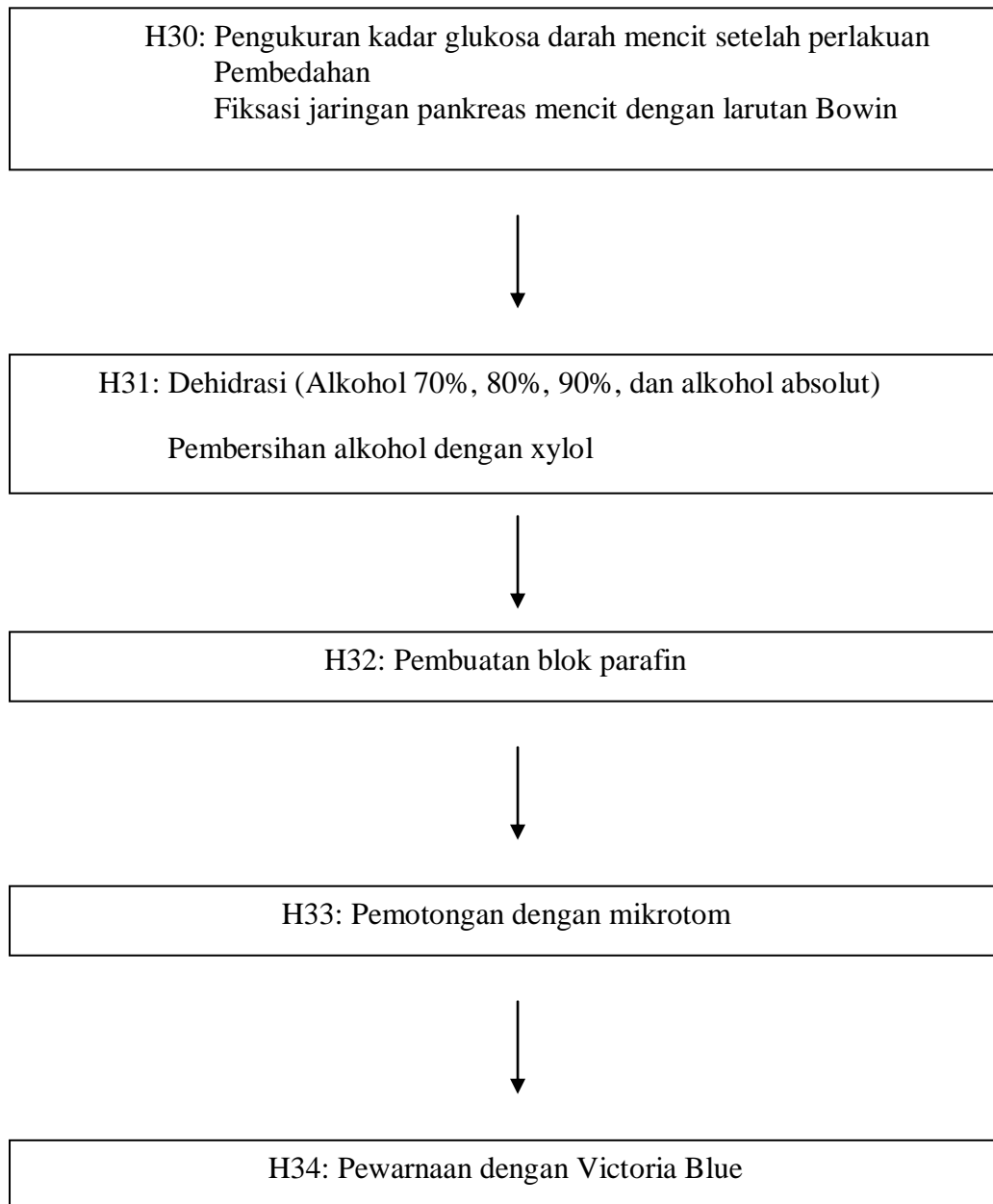


**LAMPIRAN**

## Lampiran 1: Prosedur Penelitian





## Lampiran 2: Perhitungan Dosis

### Dosis Aloksan:

- Dosis aloksan pada tikus: 120 mg/KgBB (Arlani, 2005)
- Faktor konversi dari tikus ke mencit: 0,14  
Untuk tikus 200 gram =  $200/1000 \times 120$   
= 24 mg/tikus
- Untuk mencit 20 gram =  $24 \text{ mg} \times 0,14$   
= 3,36 mg/mencit
- Untuk 1 KgBB mencit =  $1000/20 \times 3,36 \text{ mg}$   
= **168 mg/KgBB mencit**
- Rata-rata BB mencit: 30 gram
- Untuk mencit 30 gram =  $30/20 \times 3,36$   
= 5,04 mg/mencit
- Volume maksimal dosis intravena mencit: 0,1 ml  
=  $5,712 \text{ mg}/0,1 \text{ ml}$   
= 57,12 mg/ml

### Dosis Glibenklamid:

- Dosis glibenklamid untuk manusia 70 Kg: 5 mg
- Faktor konversi dosis manusia ke mencit: 0,0026  
Untuk mencit 20 gram =  $5 \text{ mg} \times 0,0026$   
= 0,013 mg  
Untuk 1 KgBB mencit =  $1000/20 \times 0,013 \text{ mg}$   
= **0,65 mg/KgBB mencit**

### Dosis Jamu "D":

- Dosis Jamu "D" untuk manusia: 500mg x 3 kapsul = 1500 mg
- Faktor konversi dosis manusia ke mencit: 0,0026  
Untuk mencit 20 gram =  $1500 \text{ mg} \times 0,0026$

- = 3,9 mg
- Untuk 1 KgBB mencit =  $1000/20 \times 3,9 \text{ mg}$   
= **195 mg/KgBB mencit**

Dosis Angsana:

- Persentase Angsana dalam Jamu "D": 20%
- Dosis Angsana dalam Jamu "D" untuk manusia:  
=  $20/100 \times 1500 \text{ mg}$   
= 300 mg
- Faktor konversi dosis manusia ke mencit: 0,0026  
Untuk mencit 20 gram =  $300 \text{ mg} \times 0,0026$   
= 0,78 mg  
Untuk 1 KgBB mencit =  $1000/20 \times 0,78 \text{ mg}$   
= **39 mg/KgBB mencit (dosis 2)**
- Dosis 1 =  $39 \text{ mg/KgBB} : 2$   
= **19,5 mg/KgBB mencit (dosis 1)**
- Dosis 3 =  $39 \text{ mg/KgBB} \times 2$   
= **78 mg/KgBB mencit (dosis 3)**

## Lampiran 3: Analisis Data

Descriptives								
	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
pterocarpus dosis 1	12	4.6377	.35924	.10370	4.4095	4.8660	4.16	5.20
pterocarpus dosis 2	12	4.5123	.54739	.15802	4.1645	4.8601	3.50	4.98
pterocarpus dosis 3	7	3.6788	.15488	.05854	3.5355	3.8220	3.43	3.87
cmc	4	2.1674	.27238	.13619	1.7340	2.6009	1.95	2.56
glibenklamid	4	3.0723	.53655	.26828	2.2185	3.9261	2.64	3.81
jamu D	4	3.1726	.12012	.06006	2.9814	3.3637	3.04	3.33
Total	43	3.9349	.90203	.13756	3.6573	4.2125	1.95	5.20

## Multiple Comparisons

## Tukey HSD

(I) perlakuan	(J) perlakuan	Mean Difference			95% Confidence Interval	
		(I-J)	Std. Error	Sig.	Lower Bound	Upper Bound
pterocarpus dosis 1	pterocarpus dosis 2	.12541	.16425	.972	-.3680	.6188
	pterocarpus dosis 3	.95897 <sup>*</sup>	.19134	.000	.3841	1.5338
	cmc	2.47029 <sup>*</sup>	.23228	.000	1.7725	3.1681
	glibenklamid	1.56541 <sup>*</sup>	.23228	.000	.8676	2.2632
	jamu D	1.46516 <sup>*</sup>	.23228	.000	.7673	2.1630
pterocarpus dosis 2	pterocarpus dosis 1	-.12541	.16425	.972	-.6188	.3680
	pterocarpus dosis 3	.83356 <sup>*</sup>	.19134	.001	.2587	1.4084
	cmc	2.34489 <sup>*</sup>	.23228	.000	1.6471	3.0427
	glibenklamid	1.44000 <sup>*</sup>	.23228	.000	.7422	2.1378
	jamu D	1.33975 <sup>*</sup>	.23228	.000	.6419	2.0376
pterocarpus dosis 3	pterocarpus dosis 1	-.95897 <sup>*</sup>	.19134	.000	-1.5338	-.3841
	pterocarpus dosis 2	-.83356 <sup>*</sup>	.19134	.001	-1.4084	-.2587
	cmc	1.51133 <sup>*</sup>	.25217	.000	.7538	2.2689
	glibenklamid	.60645	.25217	.181	-.1511	1.3640
	jamu D	.50619	.25217	.358	-.2514	1.2638
cmc	pterocarpus dosis 1	-2.47029 <sup>*</sup>	.23228	.000	-3.1681	-1.7725
	pterocarpus dosis 2	-2.34489 <sup>*</sup>	.23228	.000	-3.0427	-1.6471
	pterocarpus dosis 3	-1.51133 <sup>*</sup>	.25217	.000	-2.2689	-.7538
	glibenklamid	-.90488 <sup>*</sup>	.28449	.033	-1.7595	-.0502
	jamu D	-1.00513 <sup>*</sup>	.28449	.013	-1.8598	-.1505
glibenklamid	pterocarpus dosis 1	-1.56541 <sup>*</sup>	.23228	.000	-2.2632	-.8676
	pterocarpus dosis 2	-1.44000 <sup>*</sup>	.23228	.000	-2.1378	-.7422
	pterocarpus dosis 3	-.60645	.25217	.181	-1.3640	.1511
	cmc	.90488 <sup>*</sup>	.28449	.033	.0502	1.7595
	jamu D	-.10025	.28449	.999	-.9549	.7544
jamu D	pterocarpus dosis 1	-1.46516 <sup>*</sup>	.23228	.000	-2.1630	-.7673
	pterocarpus dosis 2	-1.33975 <sup>*</sup>	.23228	.000	-2.0376	-.6419
	pterocarpus dosis 3	-.50619	.25217	.358	-1.2638	.2514
	cmc	1.00513 <sup>*</sup>	.28449	.013	.1505	1.8598
	glibenklamid	.10025	.28449	.999	-.7544	.9549

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

## ANOVA

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	28.184	5	5.637	34.824	.000
Within Groups	5.989	37	.162		
Total	34.173	42			

## Post Hoc Tests

## Homogeneous Subsets

## Tukey HSD

prlakuan	N	Subset for alpha = 0.05		
		1	2	3
cmc	4	2.1674		
glibenklamid	4		3.0723	
jamu D	4		3.1726	
pterocarpus dosis 3	7		3.6788	
pterocarpus dosis 2	12			4.5123
pterocarpus dosis 1	12			4.6377
Sig.		1.000	.140	.995

Means for groups in homogeneous subsets are displayed.

## Lampiran 4: Dokumentasi

## Alat-alat yang Digunakan:



mortir, stamper, gelas ukur, beker gelas, spatel



glukometer



timbangan analitik



inkubator



## **RIWAYAT HIDUP**

### **Data Pribadi**

Nama lengkap : Elvina Ingrid  
NRP : 0510093  
Tempat/tanggal lahir : Bandung, 30 November 1986  
Alamat : Gg. Pajiping No. 9 Jl. Cicendo Bandung

### **Riwayat Pendidikan**

SDK Bina Bakti 2, Bandung, 1999  
SMPK 1 BPK Penabur, Bandung, 2002  
SMAK 1 BPK Penabur, Bandung, 2005