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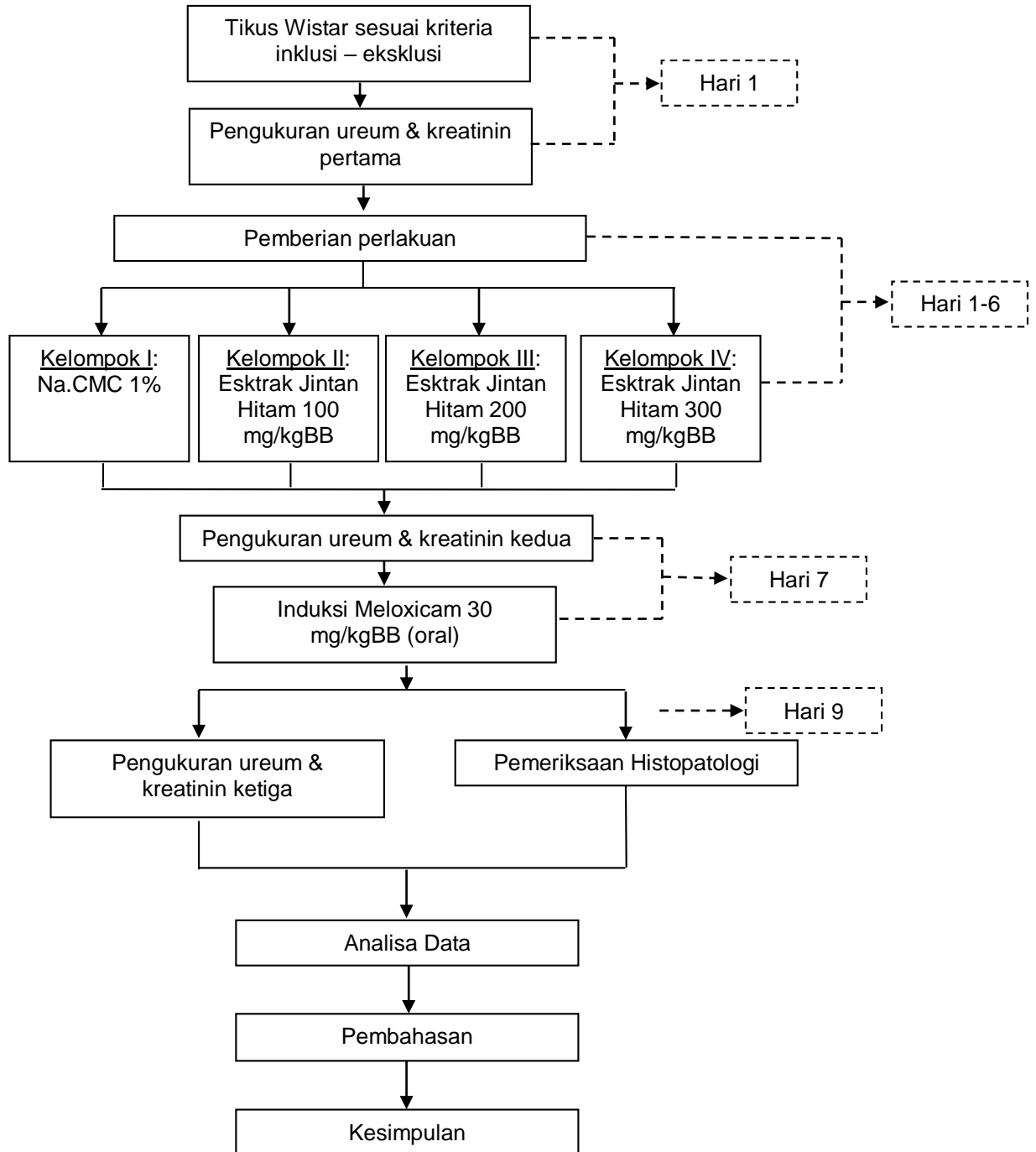
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### Lampiran 1. Skema Kerja



Gambar 10. Skema kerja penelitian efek protektif ekstrak jintan hitam (*Nigella sativa*) terhadap kerusakan ginjal yang diinduksi parasetamol dosis toksik

## Lampiran 2. Perhitungan Dosis

1. Ekstrak jintan hitam 100 mg/kgBB

$$100 \text{ mg} / 1000 \text{ g BB} / 1 \text{ ml}$$

$$10 \text{ mg} / 100 \text{ g BB} / 1 \text{ ml}$$

$$\text{Dibuat dalam } 100 \text{ ml} = 10 \text{ mg} \times 100 \text{ ml}$$

$$= 1000 \text{ mg}$$

$$= 1 \text{ g}$$

Ditimbang ekstrak jintan hitam sebanyak 1 g lalu disuspensikan ke dalam 100 ml larutan NaCMC 1%.

2. Ekstrak jintan hitam 200 mg/kgBB

$$200 \text{ mg} / 1000 \text{ g BB} / 1 \text{ ml}$$

$$20 \text{ mg} / 100 \text{ g BB} / 1 \text{ ml}$$

$$\text{Dibuat dalam } 100 \text{ ml} = 20 \text{ mg} \times 100 \text{ ml}$$

$$= 2000 \text{ mg}$$

$$= 2 \text{ g}$$

Ditimbang ekstrak jintan hitam sebanyak 2 g lalu disuspensikan ke dalam 100 ml larutan NaCMC 1%.

3. Ekstrak jintan hitam 300 mg/kgBB

$$300 \text{ mg} / 1000 \text{ g BB} / 1 \text{ ml}$$

$$30 \text{ mg} / 100 \text{ g BB} / 1 \text{ ml}$$

$$\text{Dibuat dalam } 100 \text{ ml} = 30 \text{ mg} \times 100 \text{ ml}$$

$$= 3000 \text{ mg}$$

$$= 3 \text{ g}$$

Ditimbang ekstrak jintan hitam sebanyak 3 g lalu disuspensikan ke dalam 100 ml larutan NaCMC 1%.

4. Meloxicam 30 mg/kgBB

$$30 \text{ mg} / 1000 \text{ gBB}$$

$$3 \text{ mg} / 100 \text{ gBB}$$

$$\text{Dibuat dalam } 100 \text{ ml} = 3 \text{ mg} \times 100 \text{ ml}$$

$$= 300 \text{ mg}$$

= 0.3 g

Ditimbang meloxicam 0.3 g lalu disuspensikan ke dalam 100 ml larutan NaCMC 1%.



### Lampiran 3. Foto-foto Kegiatan



Gambar 11. Ekstrak jintan hitam



Gambar 12. Penimbangan tikus



Gambar 13. Pemberian ekstrak jantan hitam secara oral



Gambar 14. Pengambilan darah



Gambar 15. Pembedahan tikus

## Lampiran 4. Analisis Statistik

### Ureum Sebelum Perlakuan

#### Tests of Normality

	Kolmogorov-Smirnov <sup>a</sup>			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
Ureum	,099	16	,200*	,968	16	,813

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

a. Lilliefors Significance Correction

#### Descriptives

Ureum

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
Kontrol NaCMC	4	42,5900	8,27284	4,13642	29,4261	55,7539	33,28	49,71
Jintan Hitam 100ml	4	38,1475	4,75023	2,37512	30,5888	45,7062	31,71	42,11
Jintan Hitam 200ml	4	44,1525	1,34891	,67446	42,0061	46,2989	42,52	45,47
Jintan Hitam 300ml	4	38,1275	7,57234	3,78617	26,0782	50,1768	28,95	47,36
Total	16	40,7544	6,13702	1,53426	37,4842	44,0246	28,95	49,71

#### Test of Homogeneity of Variances

		Levene Statistic	df1	df2	Sig.
Ureum	Based on Mean	3,188	3	12	,063
	Based on Median	2,852	3	12	,082
	Based on Median and with adjusted df	2,852	3	6,541	,120
	Based on trimmed mean	3,184	3	12	,063

#### ANOVA

Ureum

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	114,452	3	38,151	1,016	,420
Within Groups	450,493	12	37,541		
Total	564,946	15			

## Ureum Setelah Perlakuan Ekstrak Jintan Hitam

### Tests of Normality

	Kolmogorov-Smirnov <sup>a</sup>			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
Ureum	,195	16	,106	,919	16	,163

a. Lilliefors Significance Correction

### Descriptives

Ureum

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
Kontrol NaCMC	4	42,4650	8,88781	4,44390	28,3225	56,6075	33,83	54,86
Jintan Hitam 100ml	4	35,2925	7,19724	3,59862	23,8401	46,7449	26,35	43,86
Jintan Hitam 200ml	4	39,8650	6,80643	3,40322	29,0344	50,6956	34,51	49,75
Jintan Hitam 300ml	4	38,3450	1,53133	,76566	35,9083	40,7817	36,71	39,90
Total	16	38,9919	6,56309	1,64077	35,4947	42,4891	26,35	54,86

### Test of Homogeneity of Variances

		Levene			Sig.
		Statistic	df1	df2	
Ureum	Based on Mean	1,156	3	12	,367
	Based on Median	,675	3	12	,584
	Based on Median and with adjusted df	,675	3	8,377	,591
	Based on trimmed mean	1,051	3	12	,406

### ANOVA

Ureum

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	107,715	3	35,905	,800	,517
Within Groups	538,398	12	44,866		
Total	646,113	15			

## Ureum Setelah Induksi Meloxicam

### Tests of Normality

	Kolmogorov-Smirnov <sup>a</sup>			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
Ureum	,142	16	,200*	,964	16	,741

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

a. Lilliefors Significance Correction

### Descriptives

Ureum

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
Kontrol NaCMC	4	45,4050	8,01492	4,00746	32,6515	58,1585	34,71	53,96
Jintan Hitam 100ml	4	36,9450	4,46413	2,23206	29,8416	44,0484	30,62	40,84
Jintan Hitam 200ml	4	42,7550	6,41910	3,20955	32,5408	52,9692	36,39	51,03
Jintan Hitam 300ml	4	39,2750	2,47729	1,23865	35,3331	43,2169	36,10	41,87
Total	16	41,0950	6,12097	1,53024	37,8334	44,3566	30,62	53,96

### Test of Homogeneity of Variances

		Levene Statistic	df1	df2	Sig.
Ureum	Based on Mean	1,012	3	12	,421
	Based on Median	,909	3	12	,465
	Based on Median and with adjusted df	,909	3	7,627	,480
	Based on trimmed mean	1,009	3	12	,422

### ANOVA

Ureum

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	167,466	3	55,822	1,698	,220
Within Groups	394,528	12	32,877		
Total	561,994	15			

## Kreatinin Sebelum Perlakuan

### Tests of Normality

	Kolmogorov-Smirnov <sup>a</sup>			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
Kreatinin	,142	16	,200*	,948	16	,461

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

a. Lilliefors Significance Correction

### Descriptives

Kreatinin

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
Kontrol NaCMC	4	,3550	,05568	,02784	,2664	,4436	,30	,43
Jintan Hitam 100ml	4	,4175	,13672	,06836	,2000	,6350	,22	,53
Jintan Hitam 200ml	4	,3050	,16258	,08129	,0463	,5637	,16	,51
Jintan Hitam 300ml	4	,3975	,08098	,04049	,2686	,5264	,32	,49
Total	16	,3687	,11378	,02844	,3081	,4294	,16	,53

### Test of Homogeneity of Variances

		Levene Statistic	df1	df2	Sig.
Kreatinin	Based on Mean	2,194	3	12	,142
	Based on Median	1,301	3	12	,319
	Based on Median and with adjusted df	1,301	3	6,394	,353
	Based on trimmed mean	2,040	3	12	,162

### ANOVA

Kreatinin

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	,030	3	,010	,726	,556
Within Groups	,164	12	,014		
Total	,194	15			

## Kreatinin Setelah Perlakuan Ekstrak Jintan Hitam

### Tests of Normality

	Kolmogorov-Smirnov <sup>a</sup>			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
Kreatinin	,178	16	,190	,918	16	,158

a. Lilliefors Significance Correction

### Descriptives

Kreatinin

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
Kontrol NaCMC	4	,2750	,05916	,02958	,1809	,3691	,21	,33
Jintan Hitam 100ml	4	,2975	,04425	,02213	,2271	,3679	,25	,34
Jintan Hitam 200ml	4	,2950	,01000	,00500	,2791	,3109	,28	,30
Jintan Hitam 300ml	4	,2425	,06131	,03065	,1449	,3401	,18	,30
Total	16	,2775	,04879	,01220	,2515	,3035	,18	,34

### Test of Homogeneity of Variances

		Levene Statistic	df1	df2	Sig.
Kreatinin	Based on Mean	19,047	3	12	,000
	Based on Median	15,793	3	12	,000
	Based on Median and with adjusted df	15,793	3	10,491	,000
	Based on trimmed mean	18,948	3	12	,000

### ANOVA

Kreatinin

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	,008	3	,003	1,109	,384
Within Groups	,028	12	,002		
Total	,036	15			

## Kreatinin Setelah Induksi Meloxicam

### Tests of Normality

	Kolmogorov-Smirnov <sup>a</sup>			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
Kreatinin	,148	16	,200*	,938	16	,328

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

a. Lilliefors Significance Correction

### Descriptives

Kreatinin

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
Kontrol NaCMC	4	,4025	,07932	,03966	,2763	,5287	,32	,50
Jintan Hitam 100ml	4	,3800	,07616	,03808	,2588	,5012	,32	,49
Jintan Hitam 200ml	4	,3225	,08180	,04090	,1923	,4527	,22	,42
Jintan Hitam 300ml	4	,3250	,11733	,05867	,1383	,5117	,22	,48
Total	16	,3575	,08828	,02207	,3105	,4045	,22	,50

### Test of Homogeneity of Variances

		Levene Statistic	df1	df2	Sig.
Kreatinin	Based on Mean	,536	3	12	,667
	Based on Median	,476	3	12	,705
	Based on Median and with adjusted df	,476	3	10,662	,706
	Based on trimmed mean	,540	3	12	,664

### ANOVA

Kreatinin

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	,019	3	,006	,789	,523
Within Groups	,098	12	,008		
Total	,117	15			



### Uji Kruskal Wallis untuk Skor Kerusakan Ginjal

#### Descriptive Statistics

	N	Mean	Std. Deviation	Minimum	Maximum
Skor_kerusakan	16	1.31	.873	0	3
Perlakuan	16	2.50	1.155	1	4

### Kruskal-Wallis Test

#### Ranks

Perlakuan		N	Mean Rank
Skor_kerusakan	NaCMC	4	10.63
	Jintan Hitam 100	4	12.13
	Jintan Hitam 200	4	5.63
	Jintan Hitam 300	4	5.63
	Total	16	

#### Test Statistics<sup>a,b</sup>

	Skor_kerusakan
Chi-Square	7.405
df	3
Asymp. Sig.	.060

a. Kruskal Wallis Test

b. Grouping Variable: Perlakuan