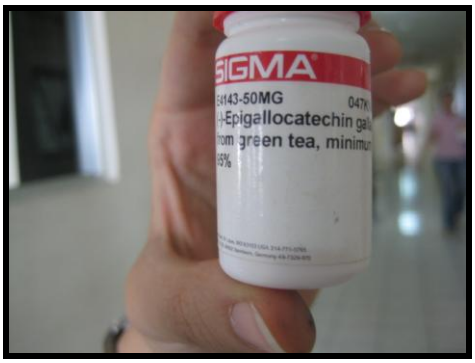
Lampiran 1

Alat dan Bahan yang Digunakan



EGCG

DSS

Kandang mencit

Penimbangan Berat Badan Mencit

Pemberian Zat uji per sonde

Lampiran 2

Perhitungan Dosis

- **Dosis EGCG**

  Dosis manusia 70 kg = 225 mg

  Dosis untuk mencit 20 g = 225 mg x 0,0026

  = 0,585 mg ≈ 0,6 mg

  (Nakagawa, K., 1997)

- ***Dextran Sulphate Sodium* (DSS)**

  Garam DSS yang dipakai = 2,5 g → dilarutkan dengan 100 ml *Aquadest* schingga didapatkan larutan DSS 2,5 %.

  Kemudian larutan diberikan melalui air minum pada mencit.

(Stevceva *et al.*, 2001)

Lampiran 3

```
NPAR TESTS
  /K-W=Hasil   BY Perlakuan(1 3)
  /MEDIAN=Hasil   BY Perlakuan(1 3)
  /MISSING ANALYSIS.
```

NPar Tests

[DataSet0]

Kruskal-Wallis Test

Ranks

	Perlakuan	N	Mean Rank
Hasil	KN	5	8,10
	KDSS	5	8,30
	EGCG 0,3 mg	5	7,60
	Total	15	

Test Statistics[a,b]

	Hasil
Chi-Square	,079
df	2
Asymp. Sig.	,961

a. Kruskal Wallis Test

b. Grouping Variable: Perlakuan

Median Test

Frequencies

		Perlakuan		
		KN	KDSS	EGCG 0,3 mg
Hasil	> Median	3	2	2
	<= Median	2	3	3

Test Statistics[b]

	Hasil
N	15
Median	,00000
Chi-Square	,536[a]
df	2
Asymp. Sig.	,765

a. 6 cells (100,0%) have expected frequencies less than 5. The minimum expected cell frequency is 2

b. Grouping Variable: Perlakuan

```
NPAR TESTS
  /K-W=Hasil   BY Perlakuan(0 3)
  /MEDIAN=Hasil   BY Perlakuan(0 3)
  /MISSING ANALYSIS.
```

NPar Tests

```
[DataSet0]
```

Kruskal-Wallis Test

Ranks

	Perlakuan	N	Mean Rank
Hasil	KN	5	7,30
	KDSS	5	9,40
	EGCG 0,3 mg	5	7,30
	Total	15	

Test Statistics[a,b]

	Hasil
Chi-Square	1,218
df	2
Asymp. Sig.	,544

a. Kruskal Wallis Test

b. Grouping Variable: Perlakuan

Median Test

Frequencies

		Perlakuan			
		,000	KN	KDSS	EGCG 0,3 mg
Hasil	> Median	0	1	2	1
	<= Median	0	4	3	4

Test Statistics[b]

	Hasil
N	15
Median	,00000
Chi-Square	,682[a]
df	2
Asymp. Sig.	,711

a. 6 cells (75,0%) have expected frequencies less than 5. The minimum expected cell frequency is 1,3.

b. Grouping Variable: Perlakuan

```
NPAR TESTS
  /K-W=Hasil   BY Perlakuan(1 3)
  /MEDIAN=Hasil   BY Perlakuan(1 3)
  /MISSING ANALYSIS.
```

NPar Tests

```
[DataSet0]
```

Kruskal-Wallis Test

Ranks

	Perlakuan	N	Mean Rank
Hasil	KN	5	9,40
	KDSS	5	9,10
	EGCG 0,3 mg	5	5,50
	Total	15	

Test Statistics[a,b]

	Hasil
Chi-Square	3,382
df	2
Asymp. Sig.	,184

a. Kruskal Wallis Test

b. Grouping Variable: Perlakuan

Median Test

Frequencies

		Perlakuan		
		KN	KDSS	EGCG 0,3 mg
Hasil	> Median	3	2	0
	<= Median	2	3	5

Test Statistics[b]

	Hasil
N	15
Median	,00000
Chi-Square	4,200[a]
df	2
Asymp. Sig.	,122

a. 6 cells (100,0%) have expected frequencies less than 5. The minimum expected cell frequency is 1,7.

b. Grouping Variable: Perlakuan

```
NPAR TESTS
  /K-W=Hasil   BY Perlakuan(0 3)
  /MEDIAN=Hasil   BY Perlakuan(0 3)
  /MISSING ANALYSIS.
```

NPar Tests

```
[DataSet0]
```

Kruskal-Wallis Test

Ranks

	Perlakuan	N	Mean Rank
Hasil	KN	5	9,70
	KDSS	5	9,80
	EGCG 0,3 mg	5	4,50
	Total	15	

Test Statistics[a,b]

	Hasil
Chi-Square	5,655
df	2
Asymp. Sig.	,059

a. Kruskal Wallis Test

b. Grouping Variable: Perlakuan

Median Test

Frequencies

		Perlakuan			
		,000	KN	KDSS	EGCG 0,3 mg
Hasil	> Median	0	4	3	0
	<= Median	0	1	2	5

Test Statistics[b]

	Hasil
N	15
Median	,00000
Chi-Square	6,964[a]
df	2
Asymp. Sig.	,031

a. 6 cells (75,0%) have expected frequencies less than 5. The minimum expected cell frequency is 2,3.

b. Grouping Variable: Perlakuan

```
NPAR TESTS
  /K-W=Hasil   BY Perlakuan(0 3)
  /MEDIAN=Hasil   BY Perlakuan(0 3)
  /MISSING ANALYSIS.
```

NPar Tests

[DataSet0]

Kruskal-Wallis Test

Ranks

	Perlakuan	N	Mean Rank
Hasil	KN	5	7,40
	KDSS	5	11,80
	EGCG 0,3 mg	5	4,80
	Total	15	

Test Statistics[a,b]

	Hasil
Chi-Square	7,475
df	2
Asymp. Sig.	,024

a. Kruskal Wallis Test

b. Grouping Variable: Perlakuan

Median Test

Frequencies

		Perlakuan			
		,000	KN	KDSS	EGCG 0,3 mg
Hasil	> Median	0	0	2	0
	<= Median	0	5	3	5

Test Statistics[b]

	Hasil
N	15
Median	1,00000
Chi-Square	4,615[a]
df	2
Asymp. Sig.	,099

a. 6 cells (75,0%) have expected frequencies less than 5. The minimum expected cell frequency is ,

b. Grouping Variable: Perlakuan

```
NPAR TESTS
  /K-W=Hasil   BY Perlakuan(0 3)
  /MEDIAN=Hasil   BY Perlakuan(0 3)
  /MISSING ANALYSIS.
```

NPar Tests

[DataSet0]

Kruskal-Wallis Test

Ranks

	Perlakuan	N	Mean Rank
Hasil	KN	5	7,30
	KDSS	5	12,70
	EGCG 0,3 mg	5	4,00
	Total	15	

Test Statistics[a,b]

	Hasil
Chi-Square	11,023
df	2
Asymp. Sig.	,004

a. Kruskal Wallis Test

b. Grouping Variable: Perlakuan

Median Test

Frequencies

		Perlakuan			
		,000	KN	KDSS	EGCG 0,3 mg
Hasil	> Median	0	0	4	0
	<= Median	0	5	1	5

Test Statistics[b]

	Hasil
N	15
Median	1,00000
Chi-Square	10,909[a]
df	2
Asymp. Sig.	,004

a. 6 cells (75,0%) have expected frequencies less than 5. The minimum expected cell frequency is

b. Grouping Variable: Perlakuan

```
NPAR TESTS
  /K-W=Hasil   BY Perlakuan(0 3)
  /MEDIAN=Hasil   BY Perlakuan(0 3)
  /MISSING ANALYSIS.
```

NPar Tests

```
[DataSet0]
```

Kruskal-Wallis Test

Ranks

	Perlakuan	N	Mean Rank
Hasil	KN	5	6,20
	KDSS	5	12,80
	EGCG 0,3 mg	5	5,00
	Total	15	

Test Statistics[a,b]

	Hasil
Chi-Square	11,354
df	2
Asymp. Sig.	,003

a. Kruskal Wallis Test

b. Grouping Variable: Perlakuan

Median Test

Frequencies

		Perlakuan			
		,000	KN	KDSS	EGCG 0,3 mg
Hasil	> Median	0	1	5	0
	<= Median	0	4	0	5

Test Statistics[b]

	Hasil
N	15
Median	,00000
Chi-Square	11,667[a]
df	2
Asymp. Sig.	,003

a. 6 cells (75,0%) have expected frequencies less than 5. The minimum expected cell frequency is 2,0.

b. Grouping Variable: Perlakuan

```
NPAR TESTS
  /K-W=Hasil   BY Perlakuan(0 3)
  /MEDIAN=Hasil   BY Perlakuan(0 3)
  /MISSING ANALYSIS.
```

NPar Tests

[DataSet0]

Kruskal-Wallis Test

Ranks

	Perlakuan	N	Mean Rank
Hasil	KN	5	6,20
	KDSS	5	12,80
	EGCG 0,3 mg	5	5,00
	Total	15	

Test Statistics[a,b]

	Hasil
Chi-Square	11,354
df	2
Asymp. Sig.	,003

a. Kruskal Wallis Test

b. Grouping Variable: Perlakuan

Median Test

Frequencies

		Perlakuan			
		,000	KN	KDSS	EGCG 0,3 mg
Hasil	> Median	0	1	5	0
	<= Median	0	4	0	5

Test Statistics[b]

	Hasil
N	15
Median	,00000
Chi-Square	11,667[a]
df	2
Asymp. Sig.	,003

a. 6 cells (75,0%) have expected frequencies less than 5. The minimum expected cell frequency is 2,

b. Grouping Variable: Perlakuan

```
NPAR TESTS
  /M-W= Hasil   BY Perlakuan(1 2)
  /MISSING ANALYSIS.
```

NPar Tests

```
[DataSet0]
```

Mann-Whitney Test

Ranks

	Perlakuan	N	Mean Rank	Sum of Ranks
Hasil	KN	5	3,20	16,00
	KDSS	5	7,80	39,00
	Total	10		

Test Statistics[b]

	Hasil
Mann-Whitney U	1,000
Wilcoxon W	16,000
Z	-2,520
Asymp. Sig. (2-tailed)	,012
Exact Sig. [2*(1-tailed Sig.)]	,016[a]

a. Not corrected for ties

b. Grouping Variable: Perlakuan

```
NPAR TESTS
  /M-W= Hasil   BY Perlakuan(1 2)
  /MISSING ANALYSIS.
```

NPar Tests

```
[DataSet0]
```

Mann-Whitney Test

Ranks

	Perlakuan	N	Mean Rank	Sum of Ranks
Hasil	KN	5	6,00	30,00
	EGCG 0,3 mg	5	5,00	25,00
	Total	10		

Test Statistics[b]

	Hasil
Mann-Whitney U	10,000
Wilcoxon W	25,000
Z	-1,000
Asymp. Sig. (2-tailed)	,317
Exact Sig. [2*(1-tailed Sig.)]	,690[a]

a. Not corrected for ties.

b. Grouping Variable: Perlakuan

```
NPAR TESTS
  /M-W= Hasil   BY Perlakuan(1 2)
  /MISSING ANALYSIS.
```

NPar Tests

```
[DataSet0]
```

Mann-Whitney Test

Ranks

	Perlakuan	N	Mean Rank	Sum of Ranks
Hasil	KN	5	5,40	27,00
	EGCG 0,6 mg	5	5,60	28,00
	Total	10		

Test Statistics[b]

	Hasil
Mann-Whitney U	12,000
Wilcoxon W	27,000
Z	-,149
Asymp. Sig. (2-tailed)	,881
Exact Sig. [2*(1-tailed Sig.)]	1,000[a]

a. Not corrected for ties.

b. Grouping Variable: Perlakuan

```
NPAR TESTS
  /M-W= Hasil   BY Perlakuan(1 2)
  /MISSING ANALYSIS.
```

NPar Tests

```
[DataSet0]
```

Mann-Whitney Test

	Perlakuan	N	Mean Rank	Sum of Ranks
Hasil	KN	5	5,50	27,50
	EGCG 1,2 mg	5	5,50	27,50
	Total	10		

Test Statistics[b]

	Hasil
Mann-Whitney U	12,500
Wilcoxon W	27,500
Z	,000
Asymp. Sig. (2-tailed)	1,000
Exact Sig. [2*(1-tailed Sig.)]	1,000[a]

a. Not corrected for ties.

b. Grouping Variable: Perlakuan

```
NPAR TESTS
  /M-W= Hasil   BY Perlakuan(1 2)
  /MISSING ANALYSIS.
```

NPar Tests

```
[DataSet0]
```

Mann-Whitney Test

Ranks

	Perlakuan	N	Mean Rank	Sum of Ranks
Hasil	KDSS	5	8,00	40,00
	EGCG 0,3 mg	5	3,00	15,00
	Total	10		

Test Statistics[b]

	Hasil
Mann-Whitney U	,000
Wilcoxon W	15,000
Z	-2,805
Asymp. Sig. (2-tailed)	,005
Exact Sig. [2*(1-tailed Sig.)]	,008[a]

a. Not corrected for ties.

b. Grouping Variable: Perlakuan

```
NPAR TESTS
  /M-W= Hasil   BY Perlakuan(1 2)
  /MISSING ANALYSIS.
```

NPar Tests

Mann-Whitney Test

Ranks

	Perlakuan	N	Mean Rank	Sum of Ranks
Hasil	KDSS	5	7,40	37,00
	EGCG 0,6 mg	5	3,60	18,00
	Total	10		

Test Statistics[b]

	Hasil
Mann-Whitney U	3,000
Wilcoxon W	18,000
Z	-2,081
Asymp. Sig. (2-tailed)	,037
Exact Sig. [2*(1-tailed Sig.)]	,056[a]

a. Not corrected for ties.

b. Grouping Variable: Perlakuan

```
NPAR TESTS
  /M-W= Hasil    BY Perlakuan(1 2)
  /MISSING ANALYSIS.
```

NPar Tests

Mann-Whitney Test

Ranks

	Perlakuan	N	Mean Rank	Sum of Ranks
Hasil	KDSS	5	7,80	39,00
	EGCG1,2 mg	5	3,20	16,00
	Total	10		

Test Statistics[b]

	Hasil
Mann-Whitney U	1,000
Wilcoxon W	16,000
Z	-2,520
Asymp. Sig. (2-tailed)	,012
Exact Sig. [2*(1-tailed Sig.)]	,016[a]

a. Not corrected for ties.

b. Grouping Variable: Perlakuan

```
NPAR TESTS
  /M-W= Hasil    BY Perlakuan(1 2)
```

```
/MISSING ANALYSIS.
```

NPar Tests

```
[DataSet0]
```

Mann-Whitney Test

Ranks

	Perlakuan	N	Mean Rank	Sum of Ranks
Hasil	EGCG 0,3 mg	5	5,00	25,00
	EGCG 0,6 mg	5	6,00	30,00
	Total	10		

Test Statistics[b]

	Hasil
Mann-Whitney U	10,000
Wilcoxon W	25,000
Z	-1,000
Asymp. Sig. (2-tailed)	,317
Exact Sig. [2*(1-tailed Sig.)]	,690[a]

a. Not corrected for ties.

b. Grouping Variable: Perlakuan

```
NPAR TESTS
  /M-W= Hasil   BY Perlakuan(1 2)
  /MISSING ANALYSIS.
```

NPar Tests

```
[DataSet0]
```

Mann-Whitney Test

Ranks

	Perlakuan	N	Mean Rank	Sum of Ranks
Hasil	EGCG 0,3 mg	5	5,00	25,00
	EGCG 1,2 mg	5	6,00	30,00
	Total	10		

Test Statistics[b]

	Hasil
Mann-Whitney U	10,000
Wilcoxon W	25,000
Z	-1,000
Asymp. Sig. (2-tailed)	,317
Exact Sig. [2*(1-tailed Sig.)]	,690[a]

a. Not corrected for ties.

b. Grouping Variable: Perlakuan

```
NPAR TESTS
  /M-W= Hasil   BY Perlakuan(1 2)
  /MISSING ANALYSIS.
```

NPar Tests

```
[DataSet0]
```

Mann-Whitney Test

Ranks

	Perlakuan	N	Mean Rank	Sum of Ranks
Hasil	EGCG 0,6 mg	5	5,60	28,00
	EGCG 1,2 mg	5	5,40	27,00
	Total	10		

Test Statistics[b]

	Hasil
Mann-Whitney U	12,000
Wilcoxon W	27,000
Z	-,149
Asymp. Sig. (2-tailed)	,881
Exact Sig. [2*(1-tailed Sig.)]	1,000[a]

a. Not corrected for ties.

b. Grouping Variable: Perlakuan

RIWAYAT HIDUP

Nama	: Lius Hariman
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- SD Diponegoro Kisaran	(1992-1998)
- SMP Diponegoro Kisaran	(1998-2001)
- SMA Sutomo I Medan	(2001-2004)
- Fakultas Kedokteran Universitas Methodist Indonesia	(2004-2005)
- Fakultas Kedokteran Universitas Kristen Maranatha	(2005-sekarang)

Karya Tulis yang pernah dibuat:

- Indonesian Government's Policies on Combating Non Communicable Disease.
- Drug Prescription Pattern in Critically Ill Elderly Patients at Intensive Care Unit in Immanuel Teaching Hospital.