

Lampiran 1

Perhitungan Statistik SPSS 15.0

Derajat Penurunan Berat Badan

Akhir Siklus I (hari ke-26)

Kruskal Wallis H

Test Statistics(a,b)

	hasil
Chi-Square	9.818
df	3
Asymp. Sig.	.020

Mann Whitney U

KN-KBM

Test Statistics(b)

	hasil
Mann-Whitney U	17.500
Wilcoxon W	38.500
Z	-.123
Asymp. Sig. (2-tailed)	.902
Exact Sig. [2*(1-tailed Sig.)]	.937(a)

KN-KAOM+DSS

Test Statistics(b)

	hasil
Mann-Whitney U	.000
Wilcoxon W	21.000
Z	-3.052
Asymp. Sig. (2-tailed)	.002
Exact Sig. [2*(1-tailed Sig.)]	.002(a)

KBM-KAOM+DSS

Test Statistics(b)

	hasil
Mann-Whitney U	2.000
Wilcoxon W	23.000
Z	-2.768
Asymp. Sig. (2-tailed)	.006
Exact Sig. [2*(1-tailed Sig.)]	.009(a)

KN-KP**Test Statistics(b)**

	hasil
Mann-Whitney U	12.000
Wilcoxon W	33.000
Z	-1.173
Asymp. Sig. (2-tailed)	.241
Exact Sig. [2*(1-tailed Sig.)]	.394(a)

KBM-KP**Test Statistics(b)**

	hasil
Mann-Whitney U	13.500
Wilcoxon W	34.500
Z	-.866
Asymp. Sig. (2-tailed)	.386
Exact Sig. [2*(1-tailed Sig.)]	.485(a)

KAOM+DSS-KP**Test Statistics(b)**

	hasil
Mann-Whitney U	.000
Wilcoxon W	21.000
Z	-2.983
Asymp. Sig. (2-tailed)	.003
Exact Sig. [2*(1-tailed Sig.)]	.002(a)

Akhir Siklus II (hari ke-47)

Kruskal Wallis H

Test Statistics(a,b)

	hasil
Chi-Square	9.818
df	3
Asymp. Sig.	.020

Mann Whitney U

KN-KBM

Test Statistics(b)

	hasil
Mann-Whitney U	18.000
Wilcoxon W	39.000
Z	.000
Asymp. Sig. (2-tailed)	1.000
Exact Sig. [2*(1-tailed Sig.)]	1.000(a)

KBM-KAOM+DSS

Test Statistics(b)

	hasil
Mann-Whitney U	.000
Wilcoxon W	21.000
Z	-2.966
Asymp. Sig. (2-tailed)	.003
Exact Sig. [2*(1-tailed Sig.)]	.002(a)

KN-KAOM+DSS

Test Statistics(b)

	hasil
Mann-Whitney U	6.000
Wilcoxon W	27.000
Z	-2.309
Asymp. Sig. (2-tailed)	.021
Exact Sig. [2*(1-tailed Sig.)]	.065(a)

KBM-KP

Test Statistics(b)

	hasil
Mann-Whitney U	15.000
Wilcoxon W	36.000
Z	-.561
Asymp. Sig. (2-tailed)	.575
Exact Sig. [2*(1-tailed Sig.)]	.699(a)

KN-KP

Test Statistics(b)

	hasil
Mann-Whitney U	18.000
Wilcoxon W	39.000
Z	.000
Asymp. Sig. (2-tailed)	1.000
Exact Sig. [2*(1-tailed Sig.)]	1.000(a)

KAOM+DSS-KP

Test Statistics(b)

	hasil
Mann-Whitney U	.000
Wilcoxon W	21.000
Z	-2.983
Asymp. Sig. (2-tailed)	.003
Exact Sig. [2*(1-tailed Sig.)]	.002(a)

Akhir Siklus III (hari ke-68)

Kruskal Wallis H

Test Statistics(a,b)

	hasil
Chi-Square	9.857
df	3
Asymp. Sig.	.020

Mann Whitney U

KN-KBM

Test Statistics(b)

	hasil
Mann-Whitney U	15.000
Wilcoxon W	36.000
Z	-1.000
Asymp. Sig. (2-tailed)	.317
Exact Sig. [2*(1-tailed Sig.)]	.699(a)

KBM-KAOM+DSS

Test Statistics(b)

	hasil
Mann-Whitney U	6.000
Wilcoxon W	27.000
Z	-2.309
Asymp. Sig. (2-tailed)	.021
Exact Sig. [2*(1-tailed Sig.)]	.065(a)

KN-KAOM+DSS

Test Statistics(b)

	hasil
Mann-Whitney U	.000
Wilcoxon W	21.000
Z	-3.052
Asymp. Sig. (2-tailed)	.002
Exact Sig. [2*(1-tailed Sig.)]	.002(a)

KBM-KP

Test Statistics(b)

	hasil
Mann-Whitney U	18.000
Wilcoxon W	39.000
Z	.000
Asymp. Sig. (2-tailed)	1.000
Exact Sig. [2*(1-tailed Sig.)]	1.000(a)

KN-KP

Test Statistics(b)

	hasil
Mann-Whitney U	12.000
Wilcoxon W	33.000
Z	-1.173
Asymp. Sig. (2-tailed)	.241
Exact Sig. [2*(1-tailed Sig.)]	.394(a)

KAOM+DSS-KP

Test Statistics(b)

	hasil
Mann-Whitney U	6.000
Wilcoxon W	27.000
Z	-2.309
Asymp. Sig. (2-tailed)	.021
Exact Sig. [2*(1-tailed Sig.)]	.065(a)

Lampiran 2

Perhitungan Statistik SPSS 15.0

Derajat Beratnya Diare

Akhir Siklus I (hari ke-26)

Kruskal Wallis

Test Statistics(a,b)

	hasil
Chi-Square	15.134
df	3
Asymp. Sig.	.002

Mann Whitney U

KN-KBM

Test Statistics(b)

	hasil
Mann-Whitney U	15.000
Wilcoxon W	36.000
Z	-1.000
Asymp. Sig. (2-tailed)	.317
Exact Sig. [2*(1-tailed Sig.)]	.699(a)

KN-KP

Test Statistics(b)

	hasil
Mann-Whitney U	12.000
Wilcoxon W	33.000
Z	-1.173
Asymp. Sig. (2-tailed)	.241
Exact Sig. [2*(1-tailed Sig.)]	.394(a)

KN-KAOM+DSS

Test Statistics(b)

	hasil
Mann-Whitney U	.000
Wilcoxon W	21.000
Z	-3.052
Asymp. Sig. (2-tailed)	.002
Exact Sig. [2*(1-tailed Sig.)]	.002(a)

KBM-KAOM+DSS

Test Statistics(b)

	hasil
Mann-Whitney U	2.000
Wilcoxon W	23.000
Z	-2.768
Asymp. Sig. (2-tailed)	.006
Exact Sig. [2*(1-tailed Sig.)]	.009(a)

KBM-KP**Test Statistics(b)**

	hasil
Mann-Whitney U	13.500
Wilcoxon W	34.500
Z	-.866
Asymp. Sig. (2-tailed)	.386
Exact Sig. [2*(1-tailed Sig.)]	.485(a)

KAOM+DSS-KP**Test Statistics(b)**

	hasil
Mann-Whitney U	.000
Wilcoxon W	21.000
Z	-2.983
Asymp. Sig. (2-tailed)	.003
Exact Sig. [2*(1-tailed Sig.)]	.002(a)

Akhir Siklus II (hari ke-47)

Kruskal Wallis H

Test Statistics(a,b)

	hasil
Chi-Square	14.991
df	3
Asymp. Sig.	.002

Mann Whitney U

KN-KBM

Test Statistics(b)

	hasil
Mann-Whitney U	15.000
Wilcoxon W	36.000
Z	-.561
Asymp. Sig. (2-tailed)	.575
Exact Sig. [2*(1-tailed Sig.)]	.699(a)

KBM-KAOM+DSS

Test Statistics(b)

	hasil
Mann-Whitney U	.000
Wilcoxon W	21.000
Z	-2.966
Asymp. Sig. (2-tailed)	.003
Exact Sig. [2*(1-tailed Sig.)]	.002(a)

KN-KAOM+DSS

Test Statistics(b)

	hasil
Mann-Whitney U	.000
Wilcoxon W	21.000
Z	-2.983
Asymp. Sig. (2-tailed)	.003
Exact Sig. [2*(1-tailed Sig.)]	.002(a)

KBM-KP

Test Statistics(b)

	hasil
Mann-Whitney U	15.000
Wilcoxon W	36.000
Z	-.561
Asymp. Sig. (2-tailed)	.575
Exact Sig. [2*(1-tailed Sig.)]	.699(a)

KN-KP

Test Statistics(b)

	hasil
Mann-Whitney U	18.000
Wilcoxon W	39.000
Z	.000
Asymp. Sig. (2-tailed)	1.000
Exact Sig. [2*(1-tailed Sig.)]	1.000(a)

KAOM+DSS-KP

Test Statistics(b)

	hasil
Mann-Whitney U	.000
Wilcoxon W	21.000
Z	-2.983
Asymp. Sig. (2-tailed)	.003
Exact Sig. [2*(1-tailed Sig.)]	.002(a)

Akhir Siklus III (hari ke-68)

Kruskal Wallis H

Test Statistics(a,b)

	hasil
Chi-Square	14.880
df	3
Asymp. Sig.	.002

a. Kruskal Wallis Test

b. Grouping Variable: perlakuan

Mann Whitney U

KN-KBM

Test Statistics(b)

	hasil
Mann-Whitney U	15.000
Wilcoxon W	36.000
Z	-.561
Asymp. Sig. (2-tailed)	.575
Exact Sig. [2*(1-tailed Sig.)]	.699(a)

KN-KAOM+DSS

Test Statistics(b)

	hasil
Mann-Whitney U	.000
Wilcoxon W	21.000
Z	-3.052
Asymp. Sig. (2-tailed)	.002
Exact Sig. [2*(1-tailed Sig.)]	.002(a)

KN-KP

Test Statistics(b)

	hasil
Mann-Whitney U	15.000
Wilcoxon W	36.000
Z	-.561
Asymp. Sig. (2-tailed)	.575
Exact Sig. [2*(1-tailed Sig.)]	.699(a)

KBM-KAOM+DSS

Test Statistics(b)

	hasil
Mann-Whitney U	.000
Wilcoxon W	21.000
Z	-3.035
Asymp. Sig. (2-tailed)	.002
Exact Sig. [2*(1-tailed Sig.)]	.002(a)

KBM-KP

Test Statistics(b)

	hasil
Mann-Whitney U	18.000
Wilcoxon W	39.000
Z	.000
Asymp. Sig. (2-tailed)	1.000
Exact Sig. [2*(1-tailed Sig.)]	1.000(a)

KAOM+DSS-KP

Test Statistics(b)

	hasil
Mann-Whitney U	.000
Wilcoxon W	21.000
Z	-3.035
Asymp. Sig. (2-tailed)	.002
Exact Sig. [2*(1-tailed Sig.)]	.002(a)

Lampiran 3
Perhitungan Statistik SPSS 15.0

Derajat Perdarahan Rektum

Akhir Siklus I (hari ke-68)

Kruskal Wallis H

Test Statistics(a,b)

	hasil
Chi-Square	9.857
Df	3
Asymp. Sig.	.020

Mann Whitney U

KN-KBM

Test Statistics(b)

	hasil
Mann-Whitney U	18.000
Wilcoxon W	39.000
Z	.000
Asymp. Sig. (2-tailed)	1.000
Exact Sig. [2*(1-tailed Sig.)]	1.000(a)

KN-KP

Test Statistics(b)

	hasil
Mann-Whitney U	18.000
Wilcoxon W	39.000
Z	.000
Asymp. Sig. (2-tailed)	1.000
Exact Sig. [2*(1-tailed Sig.)]	1.000(a)

KN-KAOM+DSS

Test Statistics(b)

	hasil
Mann-Whitney U	9.000
Wilcoxon W	30.000
Z	-1.915
Asymp. Sig. (2-tailed)	.056
Exact Sig. [2*(1-tailed Sig.)]	.180(a)

KBM-KAOM+DSS

Test Statistics(b)

	hasil
Mann-Whitney U	18.000
Wilcoxon W	39.000
Z	.000
Asymp. Sig. (2-tailed)	1.000
Exact Sig. [2*(1-tailed Sig.)]	1.000(a)

KBM-KP**Test Statistics(b)**

	hasil
Mann-Whitney U	18.000
Wilcoxon W	39.000
Z	.000
Asymp. Sig. (2-tailed)	1.000
Exact Sig. [2*(1-tailed Sig.)]	1.000(a)

KAOM+DSS-KP**Test Statistics(b)**

	hasil
Mann-Whitney U	9.000
Wilcoxon W	30.000
Z	-1.915
Asymp. Sig. (2-tailed)	.056
Exact Sig. [2*(1-tailed Sig.)]	.180(a)

Lampiran 4
Perhitungan Statistik SPSS 15.0

Clinical Score

Akhir Siklus I (hari ke-26)

Kruskal Wallis H

Test Statistics(a,b)

	hasil
Chi-Square	15.938
df	3
Asymp. Sig.	.001

Mann Whitney U

KN-KBM

Test Statistics(b)

	hasil
Mann-Whitney U	17.500
Wilcoxon W	38.500
Z	-.123
Asymp. Sig. (2-tailed)	.902
Exact Sig. [2*(1-tailed Sig.)]	.937(a)

KN-KP

Test Statistics(b)

	hasil
Mann-Whitney U	12.000
Wilcoxon W	33.000
Z	-1.173
Asymp. Sig. (2-tailed)	.241
Exact Sig. [2*(1-tailed Sig.)]	.394(a)

KN-KAOM+DSS

Test Statistics(b)

	hasil
Mann-Whitney U	.000
Wilcoxon W	21.000
Z	-3.047
Asymp. Sig. (2-tailed)	.002
Exact Sig. [2*(1-tailed Sig.)]	.002(a)

KBM-KAOM+DSS

Test Statistics(b)

	hasil
Mann-Whitney U	.500
Wilcoxon W	21.500
Z	-2.968
Asymp. Sig. (2-tailed)	.003
Exact Sig. [2*(1-tailed Sig.)]	.002(a)

KBM-KP**Test Statistics(b)**

	hasil
Mann-Whitney U	13.500
Wilcoxon W	34.500
Z	-.866
Asymp. Sig. (2-tailed)	.386
Exact Sig. [2*(1-tailed Sig.)]	.485(a)

KAOM+DSS-KP**Test Statistics(b)**

	hasil
Mann-Whitney U	.000
Wilcoxon W	21.000
Z	-2.983
Asymp. Sig. (2-tailed)	.003
Exact Sig. [2*(1-tailed Sig.)]	.002(a)

Akhir Siklus II (hari ke-47)

Kruskal Wallis H

Test Statistics(a,b)

	hasil
Chi-Square	14.947
df	3
Asymp. Sig.	.002

Mann Whitney U

KN-KBM

Test Statistics(b)

	hasil
Mann-Whitney U	12.000
Wilcoxon W	33.000
Z	-1.173
Asymp. Sig. (2-tailed)	.241
Exact Sig. [2*(1-tailed Sig.)]	.394(a)

KN-KP

Test Statistics(b)

	hasil
Mann-Whitney U	18.000
Wilcoxon W	39.000
Z	.000
Asymp. Sig. (2-tailed)	1.000
Exact Sig. [2*(1-tailed Sig.)]	1.000(a)

KN-KAOM+DSS

Test Statistics(b)

	hasil
Mann-Whitney U	.000
Wilcoxon W	21.000
Z	-2.994
Asymp. Sig. (2-tailed)	.003
Exact Sig. [2*(1-tailed Sig.)]	.002(a)

KBM-KAOM+DSS

Test Statistics(b)

	hasil
Mann-Whitney U	.000
Wilcoxon W	21.000
Z	-2.934
Asymp. Sig. (2-tailed)	.003
Exact Sig. [2*(1-tailed Sig.)]	.002(a)

KBM-KP**Test Statistics(b)**

	hasil
Mann-Whitney U	15.000
Wilcoxon W	36.000
Z	-.561
Asymp. Sig. (2-tailed)	.575
Exact Sig. [2*(1-tailed Sig.)]	.699(a)

KAOM+DSS-KP**Test Statistics(b)**

	hasil
Mann-Whitney U	.000
Wilcoxon W	21.000
Z	-2.950
Asymp. Sig. (2-tailed)	.003
Exact Sig. [2*(1-tailed Sig.)]	.002(a)

Akhir Siklus III (hari ke-68)

Kruskal Wallis H

Test Statistics(a,b)

	hasil
Chi-Square	13.933
df	3
Asymp. Sig.	.003

Mann Whitney U

KN-KBM

Test Statistics(b)

	hasil
Mann-Whitney U	.000
Wilcoxon W	21.000
Z	-2.950
Asymp. Sig. (2-tailed)	.003
Exact Sig. [2*(1-tailed Sig.)]	.002(a)

KBM-KAOM+DSS

Test Statistics(b)

	hasil
Mann-Whitney U	.000
Wilcoxon W	21.000
Z	-2.929
Asymp. Sig. (2-tailed)	.003
Exact Sig. [2*(1-tailed Sig.)]	.002(a)

KN-KAOM+DSS

Test Statistics(b)

	hasil
Mann-Whitney U	.000
Wilcoxon W	21.000
Z	-2.950
Asymp. Sig. (2-tailed)	.003
Exact Sig. [2*(1-tailed Sig.)]	.002(a)

KBM-KP

Test Statistics(b)

	hasil
Mann-Whitney U	15.000
Wilcoxon W	36.000
Z	-.561
Asymp. Sig. (2-tailed)	.575
Exact Sig. [2*(1-tailed Sig.)]	.699(a)

KN-KP

Test Statistics(b)

	hasil
Mann-Whitney U	12.000
Wilcoxon W	33.000
Z	-1.173
Asymp. Sig. (2-tailed)	.241
Exact Sig. [2*(1-tailed Sig.)]	.394(a)

KAOM+DSS-KP

Test Statistics(b)

	hasil
Mann-Whitney U	6.000
Wilcoxon W	27.000
Z	-1.992
Asymp. Sig. (2-tailed)	.046
Exact Sig. [2*(1-tailed Sig.)]	.065(a)

Lampiran 5

Perhitungan Dosis

- **Dosis buah merah**

Dosis manusia 70 kg = 30 cc

Dosis untuk mencit 20 g = 30 cc x 0,0026 = 0,078 cc

Dosis untuk mencit 24 g = $\frac{24}{20}$ x 0,078 cc = 0,0936 cc ~ 0,1 cc

- **Dosis azoxymethane (AOM)**

AOM = 12 mg/kgBB

Rata-rata berat badan mencit 20-25 gram = dosis AOM 0,24 - 0,3 mg/mencit

Untuk dosis intraperitoneal 0,4 ml yang mengandung 0,24- 0,3 mg AOM

Stok konsentrasi AOM = 1 gram/ml

Untuk pembuatan 0,24 mg AOM/400 μ L sebanyak 10 ml maka dibutuhkan AOM dari stok :

$(10\text{ml} \times 0,24\text{mg}/400\mu) : 1 \text{ gram/ml} = 6\mu\text{L}$

- **Dosis dextran sulfate sodium (DSS)**

Garam DSS yang dipakai adalah 2,5 g dilarutkan dengan aquadest 100 mL sehingga didapatkan larutan DSS 2,5%.

Larutan ini diberikan melalui air minum pada mencit.

Lampiran 6

Alat dan Bahan yang Digunakan



Sari Buah Merah



Sonde Lambung dan Spuit 1 mL



Neraca Analitik

RIWAYAT HIDUP

Nama : Margareta Dewi
NRP : 0710131
Tempat/Tanggal Lahir : Bandar Lampung/13 Maret 1989
Alamat : Jl. Raya Caringin 439 H, Bandung
Riwayat Pendidikan :
 SDK 6 BPK Penabur, Bandung (1996-2001)
 SMPK I BPK Penabur, Bandung (2001-2004)
 SMAK I BPK Penabur, Bandung (2004-2007)
 Fakultas Kedokteran Universitas Kristen Maranatha, Bandung (2007-
 sekarang)