

LAMPIRAN

Lampiran 1. Hasil analisis statistik deskriptif, normalitas data dan homogenitas varian kadar CRP

Case Processing Summary

| | Kelompok | Cases | | | | | |
|-----|-------------------------------|-------|---------|---------|---------|-------|---------|
| | | Valid | | Missing | | Total | |
| | | N | Percent | N | Percent | N | Percent |
| CRP | Normal | 7 | 100,0% | 0 | 0,0% | 7 | 100,0% |
| | Sinusitis tanpa Pengobatan | 7 | 100,0% | 0 | 0,0% | 7 | 100,0% |
| | Sinusitis + Amox | 7 | 100,0% | 0 | 0,0% | 7 | 100,0% |
| | Sinusitis + Amox + Kelor | 7 | 100,0% | 0 | 0,0% | 7 | 100,0% |
| | | | | | | | |

Descriptives

| | Kelompok | Statistic | Std. Error | |
|-------------------------------|----------|----------------------------------|------------|--------|
| CRP | Normal | Mean | 2,8900 | |
| | | 95% Confidence Interval for Mean | | |
| | | Lower Bound | 2,6573 | |
| | | Upper Bound | 3,1227 | |
| | | 5% Trimmed Mean | 2,8933 | |
| | | Median | 3,0200 | |
| | | Variance | ,063 | |
| | | Std. Deviation | ,25166 | |
| | | Minimum | 2,55 | |
| | | Maximum | 3,17 | |
| | | Range | ,62 | |
| | | Interquartile Range | ,51 | |
| | | Skewness | -,562 | ,794 |
| | | Kurtosis | -1,659 | 1,587 |
| | | Mean | 17,2343 | ,30615 |
| Sinusitis tanpa Pengobatan | | 95% Confidence Interval for Mean | | |
| | | Lower Bound | 16,4852 | |
| | | Upper Bound | 17,9834 | |
| | | 5% Trimmed Mean | 17,2053 | |
| | | Median | 16,9300 | |
| | Variance | ,656 | | |

| | | | | |
|--|--------------------------|----------------------------------|--|--------|
| | | Std. Deviation | ,81000 | |
| | | Minimum | 16,46 | |
| | | Maximum | 18,53 | |
| | | Range | 2,07 | |
| | | Interquartile Range | 1,33 | |
| | | Skewness | ,641 | ,794 |
| | | Kurtosis | -1,241 | 1,587 |
| | | Mean | 7,7543 | ,08124 |
| | | 95% Confidence Interval for Mean | Lower Bound 7,5555 Upper Bound 7,9531 | |
| | | 5% Trimmed Mean | 7,7481 | |
| | | Median | 7,7000 | |
| | | Variance | ,046 | |
| | Sinusitis + Amox | Std. Deviation | ,21493 | |
| | | Minimum | 7,51 | |
| | | Maximum | 8,11 | |
| | | Range | ,60 | |
| | | Interquartile Range | ,40 | |
| | | Skewness | ,623 | ,794 |
| | | Kurtosis | -,389 | 1,587 |
| | | Mean | 5,4486 | ,13800 |
| | | 95% Confidence Interval for Mean | Lower Bound 5,1109 Upper Bound 5,7863 | |
| | | 5% Trimmed Mean | 5,4412 | |
| | | Median | 5,4800 | |
| | | Variance | ,133 | |
| | Sinusitis + Amox + Kelor | Std. Deviation | ,36512 | |
| | | Minimum | 5,07 | |
| | | Maximum | 5,96 | |
| | | Range | ,89 | |
| | | Interquartile Range | ,74 | |
| | | Skewness | ,340 | ,794 |
| | | Kurtosis | -1,729 | 1,587 |

Tests of Normality

| | Kelompok | Kolmogorov-Smirnov ^a | | | Shapiro-Wilk | | |
|-----|----------|---------------------------------|----|------|--------------|----|------|
| | | Statistic | df | Sig. | Statistic | df | Sig. |
| CRP | Normal | ,269 | 7 | ,136 | ,869 | 7 | ,183 |

| | | | | | | |
|----------------------------|------|---|-------|------|---|------|
| Sinusitis tanpa Pengobatan | ,226 | 7 | ,200* | ,874 | 7 | ,202 |
| Sinusitis + Amox | ,171 | 7 | ,200* | ,946 | 7 | ,691 |
| Sinusitis + Amox + Kelor | ,244 | 7 | ,200* | ,881 | 7 | ,231 |

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

a. Lilliefors Significance Correction

Test of Homogeneity of Variances

CRP

| Levene Statistic | df1 | df2 | Sig. |
|------------------|-----|-----|------|
| 10,899 | 3 | 24 | ,000 |

Lampiran 2. Hasil analisis perbedaan rerata kadar CRP

Oneway

ANOVA

CRP

| | Sum of Squares | df | Mean Square | F | Sig. |
|----------------|----------------|----|-------------|----------|------|
| Between Groups | 822,598 | 3 | 274,199 | 1220,103 | ,000 |
| Within Groups | 5,394 | 24 | ,225 | | |
| Total | 827,991 | 27 | | | |

Post Hoc Tests

Multiple Comparisons

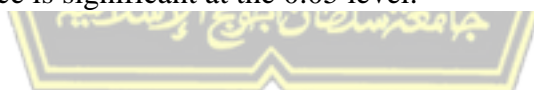
CRP

Games-Howell

| (I) Kelompok | (J) Kelompok | Mean Difference (I-J) | Std. Error | Sig. | 95% Confidence Interval | |
|--------------|----------------------------|-----------------------|------------|------|-------------------------|-------------|
| | | | | | Lower Bound | Upper Bound |
| Normal | Sinusitis tanpa Pengobatan | -14,34429* | ,32059 | ,000 | -15,3997 | -13,2889 |

| | | | | | | | |
|----------------------------|----------------------------|------------|--------|------|----------|--------|--------|
| Sinusitis tanpa Pengobatan | Sinusitis + Amox | -4,86429* | ,12509 | ,000 | -5,2370 | - | 4,4916 |
| | Sinusitis + Amox + Kelor | -2,55857* | ,16761 | ,000 | -3,0657 | - | 2,0514 |
| | Normal | 14,34429* | ,32059 | ,000 | 13,2889 | 15,399 | 7 |
| | Sinusitis + Amox | 9,48000* | ,31674 | ,000 | 8,4250 | 10,535 | 0 |
| | Sinusitis + Amox + Kelor | 11,78571* | ,33582 | ,000 | 10,7204 | 12,851 | 0 |
| | Normal | 4,86429* | ,12509 | ,000 | 4,4916 | 5,2370 | |
| | Sinusitis tanpa Pengobatan | -9,48000* | ,31674 | ,000 | -10,5350 | - | 8,4250 |
| Sinusitis + Amox | Sinusitis + Amox + Kelor | 2,30571* | ,16014 | ,000 | 1,8132 | 2,7983 | |
| | Normal | 2,55857* | ,16761 | ,000 | 2,0514 | 3,0657 | |
| | Sinusitis tanpa Pengobatan | -11,78571* | ,33582 | ,000 | -12,8510 | - | 10,720 |
| | Sinusitis + Amox | -2,30571* | ,16014 | ,000 | -2,7983 | - | 1,8132 |
| Sinusitis + Amox + Kelor | Sinusitis + Amox + Kelor | -11,78571* | ,33582 | ,000 | -12,8510 | - | 10,720 |
| | Sinusitis + Amox | -2,30571* | ,16014 | ,000 | -2,7983 | - | 1,8132 |

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



Lampiran 3. *Ethical Clearance*

**KOMISI BIOETIKA PENELITIAN KEDOKTERAN/KESEHATAN
FAKULTAS KEDOKTERAN
UNIVERSITAS ISLAM SULTAN AGUNG SEMARANG**

Sekretariat : Gedung C Lantai I Fakultas Kedokteran Unissula
Jl. Raya Kaligawe Km 4 Semarang, Telp. 024-6583584, Fax 024-6594366

Ethical Clearance

No. 262/VIII/2020/Komisi Bioetik

Komisi Bioetika Penelitian Kedokteran/Kesehatan Fakultas Kedokteran Universitas Islam Sultan Agung Semarang, setelah melakukan pengkajian atas usulan penelitian yang berjudul :

**PENGARUH PEMBERIAN EKSTRAK DAUN KELOR (*Moringa oleifera*)
SEBAGAI TERAPI ADJUVAN SINUSITIS AKUT BAKTERIAL
Studi Eksperimental pada Tikus Putih Jantan Galur Sprague Dawley yang
diinduksi *Staphylococcus aureus* terhadap Kadar C-Reactive Protein (CRP)**

Peneliti Utama : Revita Salma Salsabila
Pembimbing : dr. Andriana Tjitria Widi W. S., Sp.THT-KL, M.Si.Med
dr. Iwang Yusuf, M.Si
Tempat Penelitian : PSPG (Pusat Studi Pangan dan Gizi) Universitas Gajah Mada Yogyakarta

dengan ini menyatakan bahwa usulan penelitian diatas telah memenuhi prasyarat etik penelitian. Oleh karena itu Komisi Bioetika merekomendasikan agar penelitian ini dapat dilaksanakan dengan mempertimbangkan prinsip-prinsip yang dinyatakan dalam Deklarasi Helsinki dan panduan yang tertuang dalam Pedoman Nasional Etik Penelitian Kesehatan (PNEPK) Departemen Kesehatan RI tahun 2004.

Semarang, 15 Agustus 2020

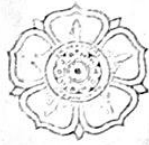
Komisi Bioetika Penelitian Kedokteran/Kesehatan
Fakultas Kedokteran Unissula

Ketua,



(dr. Sofwan Dahlan, Sp.F(K))

Lampiran 4. Surat Ijin Penelitian



UNIVERSITAS GADJAH MADA

Pusat Studi Pangan dan Gizi

Jln. Teknika Utara, Berek, YOGYAKARTA 55281

Telp. 0274 589242, 6492282 Web : www.cfnis.ugm.ac.id

Email : cfnis@ugm.ac.id

FORMULIR PEMAKAIAN FASILITAS LABORATORIUM

Nama Mahasiswa/Peneliti : Revita salma salsabila
No. Mahasiswa : 30101700150
Jurusan/Fakultas/Universitas : Kedokteran Umum
Alamat Rumah & No. Telp./HP : Jalan raya Mangkang Wetan No 50 Semarang / 081283880808

Topik Penelitian/Judul : Pengaruh pemberian ekstrak daun ulat (Moringa oleifera) sebagai terapi adjuvan antibiotik untuk bakteri (Studi eksperimental pada tikus putih jantan galur Sprague dawley yang diinduksi staphylococcus aureus terhadap uddar c RP)
Mulai bekerja pada tanggal : 1 september 2020
Rencana penyelesaian tanggal : 1 oktober 2020
Diperpanjang sampai tanggal : _____

Bekerja di laboratorium : 1. Gizi

Yogyakarta, 7 oktober 2020

Mahasiswa/Pepliti
Yang bersangkutan

Revita Salma Salsabila

Pembimbing Tesis/Skripsi
Dekan Fakultas/Pimpinan Lembaga

dr. Andhiana Tjitra Widi Wardhani
Sarjana Sp.THT - KEM Si Med

Mengetahui :
Sekretariat/Bagian Administrasi

Ukhuning Harbati

Kepala/Teknis Laboratorium

Dr. Siti Helmyati, Dv/PhD, Yan to

Mengetahui,
Kepala/Sekretaris,



Prof. Dr. Ir. Endang S. Rahayu, MS

Lampiran 5. Dokumentasi Penelitian



Induksi Ekstrak Daun Kelor menggunakan sonde
Sumber : Dokumentasi Pribadi Peneliti



Pengambilan sampel darah dari vena ophthalmica

Sumber : Dokumentasi Pribadi Peneliti