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LAMPIRAN

Lampiran 1: Etik Penelitian

 <p>KEMENTERIAN PENDIDIKAN DAN KEBUDAYAAN UNIVERSITAS HASANUDDIN FAKULTAS KEDOKTERAN KOMITE ETIK PENELITIAN KESEHATAN RSPTN UNIVERSITAS HASANUDDIN RSUP Dr. WAHIDIN SUDIROHUSODO MAKASSAR Sekretariat : Lantai 2 Gedung Laboratorium Terpadu JL.PERINTIS KEMERDEKAAN KAMPUS TAMALANREA KM.10 MAKASSAR 90245. Contact Person: dr. Agussalim Bukhari, MMed, PhD, SpGK TELP. 081241850858, 0411 5780103, Fax : 0411-581431</p> 			
<u>REKOMENDASI PERSETUJUAN ETIK</u>			
Nomor : 270/UN4.6.4.5.31/ PP36/ 2020 Tanggal: 13 Mei 2020			
Dengan ini Menyatakan bahwa Protokol dan Dokumen yang Berhubungan Dengan Protokol berikut ini telah mendapatkan Persetujuan Etik :			
No Protokol	UH20040193	No Sponsor Protokol	
Peneliti Utama	dr. Jamaluddin M, SpP	Sponsor	
Judul Peneliti	Efek Active Hexose Correlated Compound (AHCC) terhadap Respons Klinis dan Status Immunologi Pasien TB Paru dan TB Paru-HIV		
No Versi Protokol	1	Tanggal Versi	9 April 2020
No Versi PSP	1	Tanggal Versi	9 April 2020
Tempat Penelitian	RSUD Labuang Baji Kota Makassar		
Jenis Review	<input type="checkbox"/> Exempted <input type="checkbox"/> Expedited <input checked="" type="checkbox"/> Fullboard Tanggal 13 Mei 2020	Masa Berlaku 13 Mei 2020 sampai 13 Mei 2021	Frekuensi review lanjutan
Ketua Komisi Etik Penelitian Kesehatan FKUH	Nama Prof.Dr.dr. Suryani As'ad, M.Sc.,Sp.GK (K)	Tanda tangan	
Sekretaris Komisi Etik Penelitian Kesehatan FKUH	Nama dr. Agussalim Bukhari, M.Med.,Ph.D.,Sp.GK (K)	Tanda tangan	
Kewajiban Peneliti Utama: <ul style="list-style-type: none"> Menyerahkan Amandemen Protokol untuk persetujuan sebelum di implementasikan Menyerahkan Laporan SAE ke Komisi Etik dalam 24 Jam dan dilengkapi dalam 7 hari dan Lapor SUSAR dalam 72 jam setelah Peneliti Utama menerima laporan Menyerahkan Laporan Kemajuan (progress report) setiap 6 bulan untuk penelitian resiko tinggi dan setiap setahun untuk penelitian resiko rendah Menyerahkan laporan akhir setelah Penelitian berakhir Melaporkan penyimpangan dari protokol yang disetujui (protocol deviation / violation) Mematuhi semua peraturan yang ditentukan 			

Lampiran 2: Curiculum Vitae

A. Data Pribadi

1. Nama : dr. Jamaluddin Madolangan, Sp.P(K)
2. Tempat/Tanggal Lahir : Balangloe, 16 April 1982
3. Alamat Rumah : Jl. Andi Tonro IV, A1/2 Makassar
4. Status : Menikah
 - a. Nama Istri : dr. Kresentia Anita Raniputri, SpP
 - b. Nama Anak : Al Zhafran Hakim Madolangan

B. Riwayat Pendidikan

a. Pendidikan Formal :

- SD Negeri 89 Kaluku, Jeneponto, 1991-1996
- SMP N I Jeneponto, 1996-1998
- SMA Negeri 1,Jeneponto, 1998-2000
- Dokter Umum, Fakultas Kedokteran Universitas Hasanuddin Makassar, 2000-2006
- Dokter Spesialis Ilmu Penyakit Paru, Fakultas Kedokteran Universitas Indonesia, Juli 2011-Desember 2015
- Konsultan Infeksi Paru Maret 2020

C. Pekerjaan dan Riwayat Pekerjaan

- Pekerjaan : Staf Dept Pulmonologi dan Kedokteran Respirasi Fakultas Kedokteran UNHAS, PNS RSUD Labuang Baji

- Instansi : Departemen Pulmonologi dan Kedokteran Respirasi Fakultas Kedokteran Universitas Hasanuddin
- NIP : 1982 04 16 2009 02 1008
- Pangkat/Golongan : Penata Muda/IIIC

D. Karya ilmiah/artikel jurnal yang telah dipublikasi:

- The effect of active hexose correlated compound (AHCC) on levels of CD4+ and CD8+ lymphocyte in pulmonary tuberculosis patients
- The active hexose correlated compound (AHCC) effect on clinical outcome of pulmonary tuberculosis in HIV-infected patients

E. Makalah pada seminar/Konfrensi Ilmiah Nasional dan Internasional

- Penerima " Young investigator Award" di ICMI 2019 di Hokaido Jepang dengan penelitian" efek Active Hexose Correlated Compound (AHCC) terhadap respons klinis pasien TB-HIV"

Lampiran 3 : Uji Validitas dan Reliabilitas

Uji validitas

No.Responden	1	2	3	4	5	6	7	8	9	Total
1	2	2	2	2	2	2	2	2	2	18
2	2	2	2	2	2	2	2	2	2	18
3	2	2	2	2	2	2	2	2	2	18
4	2	2	2	1	2	2	2	1	1	15
5	1	1	2	2	1	1	2	0	1	11
6	2	0	0	0	1	0	2	0	1	6
7	0	1	1	1	1	2	2	2	2	12
8	2	2	1	1	1	2	2	2	2	15
9	2	1	1	1	2	2	1	2	2	14
10	2	1	1	0	0	2	1	1	2	10
Rhitung	0,252 7207	0,9278 219	0,767 8526	0,765 7071	0,727 8603	0,749 8763	0,225 4872	0,769 3093	0,526786 58	
Rtabel	0,632	0,632	0,632	0,632	0,632	0,632	0,632	0,632	0,632	
V/T	T	V	V	V	V	V	T	V	T	

Uji reliabilitas

Scale: ALL VARIABLES

Reliability Statistics

Cronbach's Alpha	N of Items
.850	9

Jika alpha antara 0,70-0,90 maka **reliabilitas tinggi (signifikansi 5%)**

Skoring yang diujikan (skoring clinical response TB)

1. Perbaikan keluhan klinis (**Tidak Valid**)

2= keluhan tidak ada

1=keluhan hilang minimal 1 (Batuk/demam/sesak) atau lebih keluhan tambahan

0= keluhan masih sama

2. Batuk (**valid**)
 - 2= tidak ada
 - 1=kadang-kadang (sudah berkurang)
 - 0= masih sama/produktif disertai atau tidak dengan darah
3. Demam (**Valid**)
 - 2= tidak ada demam
 - 1= kadang-kadang subfebris (suhu < 38oC)
 - 0= suduh ≥38oC
4. Sesak napas (**Valid**)
 - 2= tidak sesak
 - 1=kadang-kadang sesak (saat aktivitas)
 - 0: sesak tanpa aktivitas (kadang butuh O2)
5. Peningkatan BB (**Valid**)
 - 2= peningkatan > 5 kg
 - 1= <5kg
 - 0= tetap atau menurun
6. Sputum BTA (**valid**)
 - 2= konversi (sputum BTA -)
 - 1= sputum BTA + tapi bacterial load menurun
 - 0= sputum BTA + masih tetap sama atau tidak diketahui sputum BTA-nya
7. Tipe Kasus (tidak valid)
 - 2= kasus baru
 - 1= kasus kambuh
 - 0= kasus kronik atau resisten atau lain-lain
8. Gambaran radiologi (**valid**)
 - 2= lesi perbaikan >75%
 - 1= lesi perbaikan 50-75%
 - 0= lesi perbaikan <50%
9. Status HIV atau penyakit penyerta (**Tidak Valid**)
 - 2= status hiv (-) atau tidak ada penyerta
 - 1= penyerta DM, malnutrisi atau penyakit kronik lain
 - 0= status hiv (+)

Jadi dari uji validitas dan reabilitas maka skoring untuk menilai clinical response TB adalah

1. Batuk (**valid**)
 - 2= tidak ada batuk
 - 1=kadang-kadang (sudah berkurang)
 - 0= masih sama/produktif disertai atau tidak dengan darah

2. Demam (**Valid**)

2= tidak ada demam
1= kadang-kadang subfebris (suhu < 38 °C)
0= sudah ≥38 °C
3. Sesak napas (**Valid**)

2= tidak sesak
1=kadang-kadang sesak (saat aktivitas)
0: sesak tanpa aktivitas (kadang butuh O2)
4. Peningkatan BB (**Valid**)

2= peningkatan > 5 kg
1= <5kg
0= tetap atau menurun
5. Sputum BTA (**valid**)

2= konversi (sputum BTA -)
1= sputum BTA + tapi bacterial load menurun
0= sputum BTA + masih tetap sama atau tidak diketahui sputum BTA-nya
6. Gambaran radiologi (**valid**)

2= lesi perbaikan >75%
1= lesi perbaikan 50-75%
0= lesi masih sama atau lesi sedikit perbaikan <50%

Panduan penilaian:

- Jumlah pertanyaan:6
- Jumlah pilihan:3
- Skoring tertinggi : 2
- Skoring terendah: 0
- Jumlah skor terendah: skoring terendahx jumlah pertanyaan= $0 \times 6 = 0$ (0%)
- Jumlah skor tertinggi= skoring tertinggix jumlah pertanyaan= $2 \times 6 = 12$ (120%)

Penentuan skoring pada kriteria objektif:

- Interval (I)= Range (R)/Kategori (K)
- Range= skor tertinggi-skor rendah=120-0=120%
- Kategori=3
- Interval= $120/3=40\%$
- Kriteria penilaian= skor tertinggi-interval= $120-40=80\%$, sehingga

Baik jika skor 8-12

Kurang <8

Lampiran 4: Tambahan Hasil penelitian

Tabel 1. Pengelompokan CD4+ dan CD8 Pasien TBC-HIV

Variabel	Plasebo		AHCC		Nilai P
	TBC-HIV	n	%	n	%
Baseline					
CD4 Absolut					
<200	19	63,3	23	70,0	0,199
≥200	11	36,7	7	30,0	
CD8 Absolut					
<200	5	16,7	6	20	0,500
≥200	25	83,3	30	80	
Setelah bulan ke-3					
CD4 Absolut					
<200	22	73,3	23	76,7	0,500
≥200	8	26,7	7	23,3	
CD8 Absolut					
<200	11	36,7	8	26,7	0,290
≥200	19	63,3	22	73,3	
Setelah bulan ke-6					
CD4 Absolut					
<200	15	50,0	17	56,7	0,398
≥200	15	50,0	13	43,3	
CD8 Absolut					
<200	4	13,3	3	10,00	0,500
≥200	26	86,7	27	90,00	

Tabel 2. Pengelompokan CD4+ dan CD8 Pasien TBC Paru

Variabel	Plasebo		AHCC		Nilai P
	TBC Paru	n	%	n	%
Baseline					
CD4 Absolut					
<200	4	13,3	2	6,7	0,335
≥200	26	86,7	28	93,3	
CD8 Absolut					
<200	8	26,7	3	10	0,090
≥200	22	73,3	27	90	
Setelah bulan ke-3					
CD4 Absolut					
<200	0	0	0	0	NA
≥200	30	100	30	100	
CD8 Absolut					
<200	2	6,7	1	3,3	0,500
≥200	28	93,3	29	93,3	
Setelah bulan ke-6					
CD4 Absolut					
<200	1	3,3	2	6,7	0,500
≥200	29	96,7	28	93,3	
CD8 Absolut					
<200	5	16,7	2	6,70	0,212
≥200	25	83,3	28	93,30	

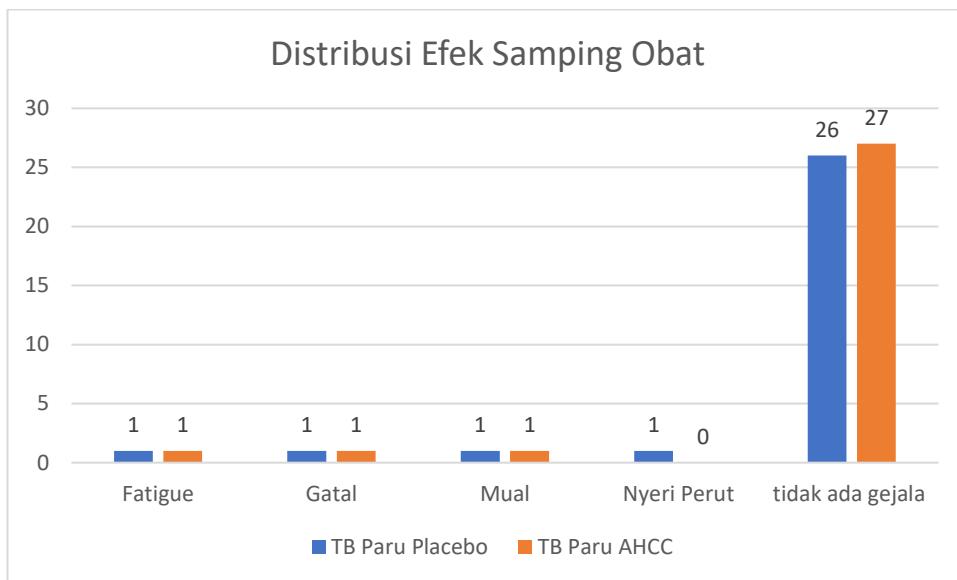
Tabel 3. Pengelompokan CD4+ dan CD8 Pasien TBC Paru sebelum dan setelah perlakuan

Variabel	Plasebo		AHCC		Nilai P
	TBC Paru	n	%	n	%
Baseline					
CD4 Absolut					
<200	4	13,3	2	6,7	0,335
≥200	26	86,7	28	93,3	
CD8 Absolut					
<200	8	26,7	3	10	0,090
≥200	22	73,3	27	90	
Setelah bulan ke-3					
CD4 Absolut					
<200	0	0	0	0	NA
≥200	30	100	30	100	
CD8 Absolut					
<200	2	6,7	1	3,3	0,500
≥200	28	93,3	29	93,3	
Setelah bulan ke-6					
CD4 Absolut					
<200	1	3,3	2	6,7	0,500
≥200	29	96,7	28	93,3	
CD8 Absolut					
<200	5	16,7	2	6,70	0,212
≥200	25	83,3	28	93,30	

Tabel 4. Jumlah pasien TB Paru dan TB-HIV yang mengalami kenaikan IL-6

Variabel	TB-HIV, AHCC		TB Paru-AHCC		P-value
	N (30)	%	N (30)	%	
Jumlah yg mengalami kenaikan IL6 dari baseline ke bulan ke-3	4	13,3	8	26,70	0,167
Jumlah yg mengalami kenaikan IL6 dari bulan ke-3 ke bulan ke-6	7	23,3	15	50	0,067
Jumlah yg mengalami kenaikan IL6 dari baseline ke bulan ke-6	3	10,00	12	40	0,008

Lampiran 4: Efek Samping Obat



Gambar 1. Grafik Distribusi Efek Samping Obat Pasein TBC Paru Selama Perlakuan

Analisis pemberian suplemen dengan ESO yang terjadi

Chi-Square Tests			
	Value	Df	Asymp. Sig. (2-sided)
Pearson Chi-Square	1.019 ^a	4	.907
Likelihood Ratio	1.405	4	.843
N of Valid Cases	60		

a. 8 cells (80.0%) have expected count less than 5. The minimum expected count is .50.

Tidak ditemukan Perbedaan yang signifikan penggunaan suplemen dengan efek samping obat yang terjadi

Jarak Minum Obat

Pasien TBC Paru

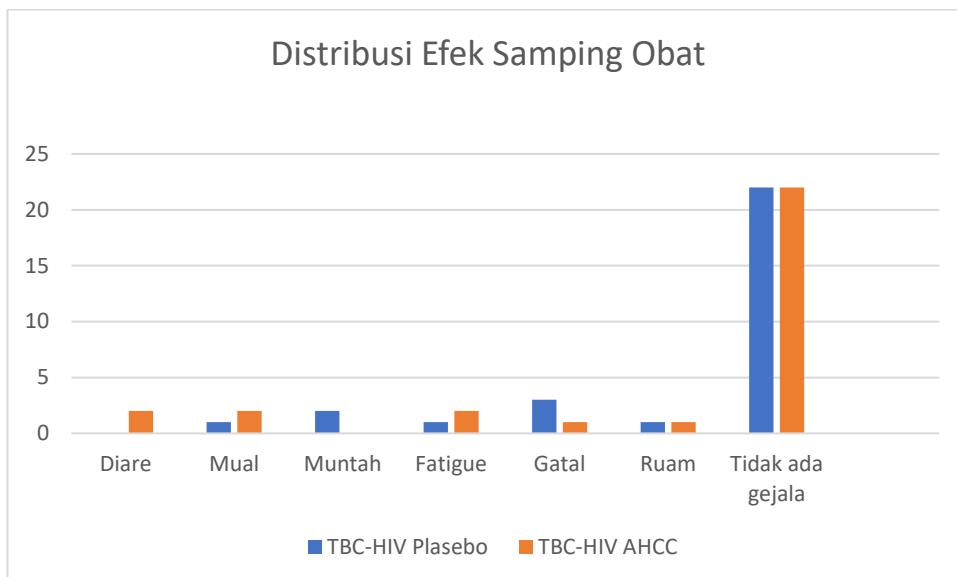
Kategori * Kelompok Crosstabulation

		Kelompok		Total
Kategori	> 1 jam	Count	30	30
		% within Kelompok	100.0%	100.0%
Total		Count	30	30
		% within Kelompok	100.0%	100.0%

Tidak ada yang < 1 jam

-Kepatuhan pasien terdiri dari minum obat sesuai dosis, tidak pernah lupa, tepat waktu dan tidak pernah putus (pasien TB-HIV hanya 1 pasien yang pernah lupa sementara pasien TB-Paru 100% patuh).

ESO TB-HIV



Gambar 2. Grafik ESO TB-HIV

Kelompok Plasebo TBC-HIV

Waktu_ESO

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Bulan ke-2	4	13.3	13.3	13.3
	Bulan ke-3	1	3.3	3.3	16.7
	Minggu-2	1	3.3	3.3	20.0
	Minggu-3	1	3.3	3.3	23.3
	Minggu-4	1	3.3	3.3	26.7
	Tidak	22	73.3	73.3	100.0
	Total	30	100.0	100.0	

Waktu_ESOAHCC

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Bulan ke-2	2	6.7	6.7	6.7
	Bulan ke-3	1	3.3	3.3	10.0
	Minggu ke-3	1	3.3	3.3	13.3
	Minggu-2	1	3.3	3.3	16.7
	Minggu-3	2	6.7	6.7	23.3
	Minggu-4	1	3.3	3.3	26.7
	Tidak	22	73.3	73.3	100.0
	Total	30	100.0	100.0	

Jarak_MinumObat

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	>1 jam	30	100.0	100.0	100.0

