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LAMPIRAN

Lampiran 1

KEMENTERIAN PENDIDIKAN, KEBUDAYAAN, RISET DAN TEKNOLOGI
UNIVERSITAS HASANUDDIN FAKULTAS KEDOKTERAN
KOMITE ETIK PENELITIAN UNIVERSITAS HASANUDDIN
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

REKOMENDASI PERSETUJUAN ETIK
Nomor : 307/UN4.6.4.5.31/ PP36/ 2024

Tanggal: 6 Mei 2024

Dengan ini Menyatakan bahwa Protokol dan Dokumen yang Berhubungan Dengan Protokol berikut ini telah mendapatkan Persetujuan Etik :

No Protokol	UH24040264	No Sponsor	
Peneliti Utama	**dr. Maya Rosmaria Puspita**	Sponsor	
Judul Peneliti	Hospital Malnutrition Pada Pasien Penyakit Gastroenterohepatologi Di Rumah Sakit Umum Pusat Dr. Wahidin Sudirohusodo Periode Januari 2022 - Januari 2024		
No Versi Protokol	**1**	Tanggal Versi	**28 April 2024**
No Versi PSP		Tanggal Versi	
Tempat Penelitian	RSUP. Dr. Wahidin Sudirohusodo Makassar		
Jenis Review	☐ Exempted ☒ Expedited ☐ Fullboard Tanggal	Masa Berlaku **6 Mei 2024** sampai **6 Mei 2025**	Frekuensi review lanjutan
Ketua KEP Universitas Hasanuddin	**Prof. dr. Muh Nasrum Massi,PhD,SpMK, Subsp. Bakt(K)**	Tanda tangan	
Sekretaris KEP Universitas Hasanuddin	**dr. Firdaus Hamid, PhD, SpMK(K)**	Tanda tangan	

Kewajiban Peneliti Utama:

- 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 prokol yang disetujui (protocol deviation / violation)
- Mematuhi semua peraturan yang ditentukan

Lampiran 2

KEMENTERIAN PENDIDIKAN, KEBUDAYAAN, RISET DAN TEKNOLOGI
UNIVERSITAS HASANUDDIN FAKULTAS KEDOKTERAN
KOMITE ETIK PENELITIAN UNIVERSITAS HASANUDDIN
RSPTN UNIVERSITAS HASANUDDIN
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Contact Person: dr. Agussalim Bukhari.,MMed,PhD, SpGK TELP. 081241850858, 0411 5780103, Fax : 0411-581431

FORMULIR PERSETUJUAN SETELAH PENJELASAN

Tidak menggunakan INFORMED CONSENT, karena penelitian menggunakan data rekam medik, nama dan data dijamin kerahasiaannya.

Penanggung jawab penelitian :

Nama : dr. Maya Rosmaria Puspita

Alamat : Puri Yuhana Permai, Blok 1 no 20, Jl. Perintis Kemerdekaan no 24, Paccerakang, Biringkanaya, Makassar, 90245

No Hp : 081321191270

Lampiran 3

SURAT PERSETUJUAN ATASAN

Yang bertanda tangan di bawah ini:

Nama : Prof. Dr. dr. Nurpudji A. Taslim, MPH, Sp.GK (K)

Pangkat : IV.e/ Pembina Utama

Jabatan : Ketua Program Studi PPDS Gizi Klinik UNHAS

Menerangkan bahwa yang bersangkutan di bawah ini:

Nama : dr. Maya Rosmaria Puspita

Pangkat/ NIM : C175 201 002

Jabatan : PPDS Gizi Klinik UNHAS

Judul Proposal: *Hospital Malnutrition* Pada Penyakit Gastroenterohepatologi di RSUP DR. Wahidin Sudirohusodo Makassar Periode Januari 2022 – Januari 2024

Menyetujui kepada yang bersangkutan di atas untuk meminta Permohonan Persetujuan Etik Penelitian Menggunakan Subjek Manusia di Fakultas Kedokteran Universitas Hasanuddin.

Makassar, 16 April 2024

Prof. Dr. dr. Nurpudji A. Taslim, MPH, Sp.GK (K)
NIP. 19561020119850320001

Lampiran 4

Berikut adalah 20 penyakit Gastroenterohepatologi terbanyak yang dirawat inap di RSUP Dr. Wahidin Sudirohusodo Periode Januari 2022 – Januari 2024 yg memenuhi kriteria inklusi dan eksklusi.

No	Diagnosis	Jumlah
1	HCC	91
2	Sirosis hepatis	57
3	Koledokolitiasis	42
4	Varises esofagus	36
5	Tumor CBD	36
6	Tumor pankreas	23
7	Kolangitis	20
8	Tumor colon	20
9	IBD	15
10	Tumor ampula vateri	13
11	Akalasia esofagus	11
12	Kolelitiasis	11
13	Kolangiokarsinoma	9
14	Hepatoma	8
15	Gastritis Kronik	8
16	Adenokarsinoma recti	8
17	Pankreatitis	7
18	Abses Hepar	5
19	Adenokarsinoma esofag	3
20	Kolesistitis	2
	Lainnya	144
	TOTAL	569

Lampiran 5

Berikut adalah tabel rincian karakteristik sampel penelitian

Variabel		Jumlah	%
Usia		47 ± 10,2	
Jenis Kelamin	Laki-laki	358	62.9
	Perempuan	211	37.1
Pendidikan (hilangkan)	Tidak Sekolah	30	5.3
	SD	111	19.5
	SMP	67	11.8
	SMA	222	39
	D3	21	3.7
	D4	62	10.9
	S1	41	7.2
	S2	15	2.6
Pekerjaan (bekerja formal tdk formal/ tidak bekerja, lampiran)	BUMN	3	0.5
	Buruh	8	1.4
	Guru	5	0.9
	Honorer	2	0.4
	IRT	135	23.7
	Karyawan Swasta	51	9.0
	Polisi	5	0.7
	Mahasiswa	4	0.7
	Nelayan	6	1.1
	Pedagang	6	1.1
	Pelajar	6	1.1
	Pelaut	1	0.2
	Pengacara	3	0.5
	Pensiunan	35	6.2
	Perangkat Desa	1	0.2
	Petani	97	17
	PNS	58	10.2
	Sopir	5	0.9
	TNI	27	4.7
	Tukang Jahit	2	0.4
	Tukang Kayu	1	0.2
	Wirawasta	2	0.4
	Tidak Bekerja	106	18.6
Status Perkawinan (menikah/ tdk menikah saja)	Janda/Duda	50	8.8
	Menikah	473	83.1
	Belum menikah	46	8.1
Lama Rawat Inap (lebih detail) contoh MST ringan 12 ± 3 hari	< 2 minggu	435	76.4
	≥ 2 minggu	134	23.6
Angka Kematian (berdasarkan MST)	Hidup	490	86.1
	Meninggal	79	13.9
Malnutrition Screening Test (MST)	Resiko Ringan	307	54

	Resiko Sedang	220	38.7
	Resiko Tinggi	42	7.4
White Blood Cell (WBC)	Normal (berapa)	295	51.8
	Tidak Normal	274	48.2
Hemoglobin (Hb)	Normal (rerata numerikal)	178	31.3
	Tidak Normal	391	68.7
Platelet (PLT)	Normal	330	58
	Tidak Normal	239	42
Neutrophil	Normal	281	49.4
	Tidak Normal	288	50.6
Lymposit	Normal	227	39.9
	Tidak Normal	342	60.1
Neutrofil Lymphocyte Ratio (NLR)	Normal	144	25.3
	Tidak Normal	425	74.7
Total Leukocyte Count (TLC)	Normal	185	32.5
	Tidak Normal	384	67.5
Albumin	Normal	123	21.6
	Tidak Normal	446	78.4
Prognostic Nutritional Index (PNI)	Normal	150	26.4
	Tidak Normal	419	73.6