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## Lampiran 1 . Dokumentasi Kegiatan Penelitian



**Gambar 1.** Sampel dan penentuan jenis blok yang akan diberikan.



**Gambar 2.** Pengukuran kekuatan otot pasien diruang perawatan, sebelum tindakan operasi dengan menggunakan alat *hendel dynamimeter microfet 2*.







**Gambar 3.** Pengukuran kekuatan otot pasien diruang operasi, sebelum tindakan operasi dengan menggunakan alat *hendel dynamimeter microfet 2*.



**Gambar 4.** Pengukuran kekuatan otot pasien diruang operasi, sebelum tindakan operasi dengan menggunakan alat *hendel dynamimeter microfet 2*.







**Gambar 5.** Tindakan blok saraf perifer pada pasien setelah tindakan operasi.



**Gambar 6.** Tindakan blok saraf perifer pada pasien setelah tindakan operasi.



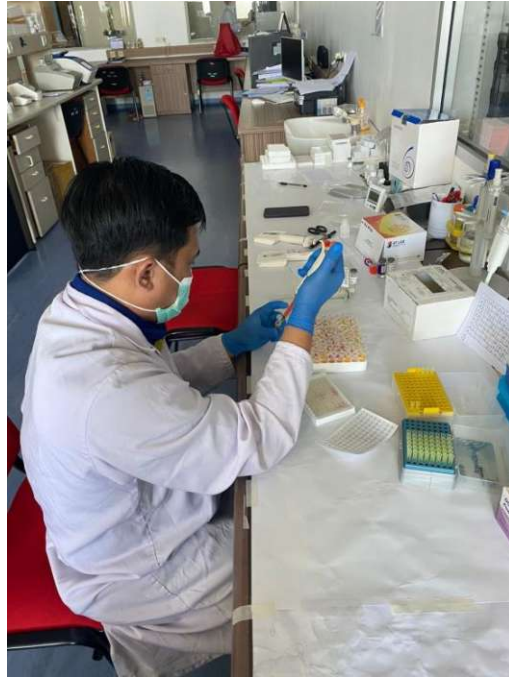


**Gambar 7.** Pengukuran kembali kekuatan otot pada pasien setelah tindakan blok saraf perifer diruangan pasca operasi THA.



**Gambar 8.** Tampilan hasil pengukuran otot dengan menggunakan *hendel dynamometer microfet 2*.





**Gambar 9.** Proses pengolahan sampel penelitian di Laboratorium RSPTN UNHAS Lantai 6



**Gambar 10.** Proses pengisian reagen IL-6 dan serum sampel di Laboratorium RSPTN UNHAS Lantai 6.





**Gambar 11.** Alat Elisa perhitungan kadar IL-6





## Lampiran 2. Surat Etik Penelitian dan Izin Penelitian



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. Agusfalim Bukhari., MMed, PhD, SpGK. TELP. 081241850858, 0411 5780103, Fax : 0411-581431



**REKOMENDASI PERSETUJUAN ETIK**  
Nomor : 230/UN4.6.4.5.31/ PP36/ 2024

Tanggal: 2 April 2024

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

No Protokol	UH24030184	No Sponsor	
Peneliti Utama	<b>dr. Idhul Ade Rikit Fitra</b>	Sponsor	
Judul Peneliti	PERBANDINGAN ANTARA SUPRAINGUINAL FASCIA ILIACA BLOK (S-FIB) DENGAN INFRAINGUINAL FASCIA ILIACA BLOK (I-FIB) TERHADAP SKOR NUMERIC RATING SCALE (NRS) DAN INTERLEUKIN-6 (IL-6) PADA PASIEN YANG MENJALANI OPERASI TOTAL HIP ARTHOPLASTY (THA) DENGAN SPINAL ANE		
No Versi Protokol	2	Tanggal Versi	<b>2 April 2024</b>
No Versi PSP	2	Tanggal Versi	<b>2 April 2024</b>
Tempat Penelitian	RSUP Dr. Wahidin Sudirohusodo Makassar		
Jenis Review	<input type="checkbox"/> Exempted <input type="checkbox"/> Expedited <input checked="" type="checkbox"/> Fullboard Tanggal <b>27 Maret 2024</b>	Masa Berlaku <b>3 April 2024</b> sampai <b>3 April 2025</b>	Frekuensi review lanjutan
Ketua KEP Universitas Hasanuddin	<b>Prof. dr. Muh Nasrum Massi, PhD, SpMK, Subsp. Bakt(K)</b>	Tanda tangan 	
Sekretaris KEP Universitas Hasanuddin	<b>dr. Firdaus Hamid, PhD, SpMK(K)</b>	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 3. Data Hasil Penelitian

No.	KELOMPOK	STATUS GIZI	Usia (Tahu)	Jenis Kelamin	BLOK	NRS_0	NRS_4	NRS_6	NRS_12 & 24	IL6_SPO	IL6_SP1	IL6_SP2	MMS_0	MMS_4	MMS_6	MMS_12 & 24	MMS_Durasi	Rescue
1	1	Gizi Lebih	32	Pria	I-FIB	4	0	1	3	143	88	98	6.4	2.2	2.6	10.4	10'	Tidak
3	1	Gizi Lebih	49	Wanita	I-FIB	3	0	0	1	336	303	330	1.2	0	0.9	1.2	10'	Tidak
4	1	Obesitas Grade I	52	Wanita	I-FIB	4	0	0	0	312	279	314	1.4	0	1.1	1.8	12'	Tidak
5	1	Obesitas Grade I	55	Wanita	I-FIB	3	0	0	0	342	340	391	6.2	1.2	1.4	10.2	11'	Tidak
20	1	Gizi Lebih	61	Wanita	I-FIB	3	0	1	2	38	127	63	1.2	0.8	0.9	1.4	10'	Tidak
21	1	Gizi Lebih	60	Wanita	I-FIB	3	0	2	3	96	66	42	1.6	1.2	1.3	1.8	10'	Tidak
22	1	Gizi Lebih	60	Pria	I-FIB	3	0	2	4	87	119	50	4.2	1.2	1.4	6	11'	Ya
23	1	Gizi Lebih	65	Pria	I-FIB	3	1	1	1	59	55	59	6.2	2.3	4.2	8.2	12'	Tidak
24	1	Obesitas Grade I	74	Wanita	I-FIB	3	0	0	2	51	45	48	1.4	0	1.2	1.8	10'	Tidak
25	1	Gizi Lebih	76	Wanita	I-FIB	4	0	3	6	642	657	780	1.2	0	1.4	1.6	10'	Ya
26	1	Obesitas Grade I	52	Wanita	I-FIB	3	2	4	6	895	867	674	1.4	0	1.2	1.8	12'	Ya
27	1	Gizi Lebih	67	Wanita	I-FIB	3	0	0	2	171	164	195	1.4	1.2	1.2	1.4	10'	Tidak
28	1	Obesitas Grade I	69	Wanita	I-FIB	3	0	0	3	156	172	193	1.2	0.8	1.4	1.6	10'	Tidak
29	1	Gizi Lebih	70	Wanita	I-FIB	4	0	3	4	791	76	57	6	2.4	2.6	10.4	10'	Ya
30	1	Gizi Normal	62	Wanita	I-FIB	4	0	0	3	158	180	200	1.4	0.5	0.7	1.4	10'	Tidak
2	2	Gizi Normal	29	Wanita	S-FIB	3	0	0	1	44	44	54	1.4	2.4	2.6	2.7	12'	Tidak
6	2	Gizi Lebih	65	Wanita	S-FIB	3	0	0	0	45	39	57	2.4	2.4	6.7	10.4	11'	Tidak
7	2	Gizi Lebih	78	Wanita	S-FIB	4	0	0	0	76	62	70	1.2	1.4	1.4	1.6	10'	Tidak
8	2	Gizi Lebih	60	Wanita	S-FIB	3	0	0	0	61	59	33	1.3	1.4	1.2	1.7	10'	Tidak
9	2	Gizi Normal	43	Pria	S-FIB	2	0	0	1	43	63	65	6.8	6.7	6.9	10.4	10'	Tidak
10	2	Gizi Normal	61	Pria	S-FIB	4	0	0	0	58	51	80	4.2	4.3	6.3	7	14'	Tidak
11	2	Obesitas Grade I	64	Wanita	S-FIB	3	0	0	0	49	62	59	1.4	1.6	1.8	3	12'	Tidak
12	2	Gizi Lebih	64	Wanita	S-FIB	3	0	0	0	90	86	78	1.2	1.4	1.6	1.8	10'	Tidak
13	2	Gizi Lebih	60	Wanita	S-FIB	3	0	0	0	43	48	46	1	1.1	1.4	1.8	10'	Tidak
14	2	Gizi Lebih	45	Pria	S-FIB	4	0	0	1	43	42	52	1.6	1.8	2.1	2.4	10'	Tidak
15	2	Obesitas Grade I	82	Wanita	S-FIB	3	0	0	0	56	53	46	1.2	1.4	1.6	1.6	10'	Tidak
16	2	Gizi Lebih	51	Wanita	S-FIB	4	0	0	0	56	41	46	1.4	1.4	1.6	1.7	10'	Tidak
17	2	Obesitas Grade I	78	Wanita	S-FIB	3	0	0	0	40	35	48	1.2	1.4	1.4	1.8	10'	Tidak
18	2	Obesitas Grade I	67	Wanita	S-FIB	3	0	0	0	50	59	42	1	1.1	1.4	1.7	11'	Tidak
19	2	Obesitas Grade I	50	Wanita	S-FIB	3	0	0	0	41	44	39	6.2	6.8	6.7	10.2	12'	Tidak





