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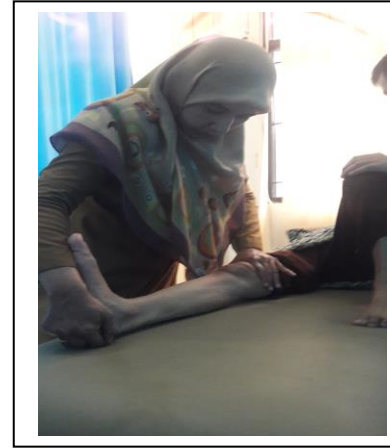
Lampiran 1 : Perlakuan Sampel Penelitian



Pretest Sampel Perlakuan



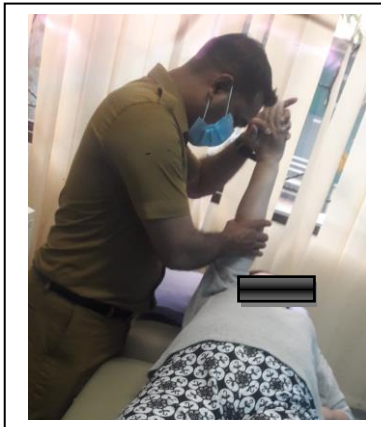
Pemberian suplemen Kalsium



Pemberian Terapi Fisik



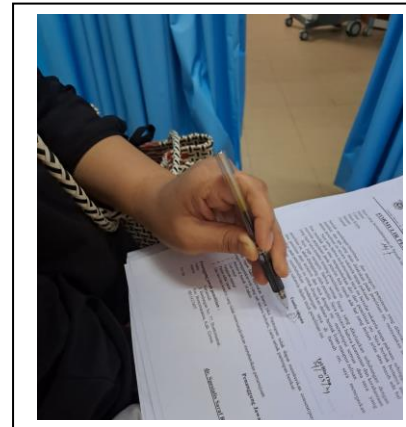
Posttest Sampel Perlakuan



Pretest Sampel Perlakuan



Pemberian suplemen Kalsium



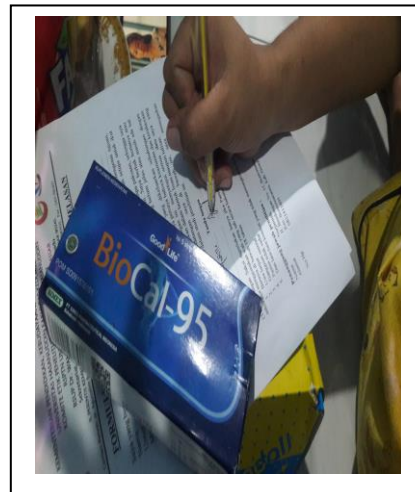
Pemberian Inform Consent



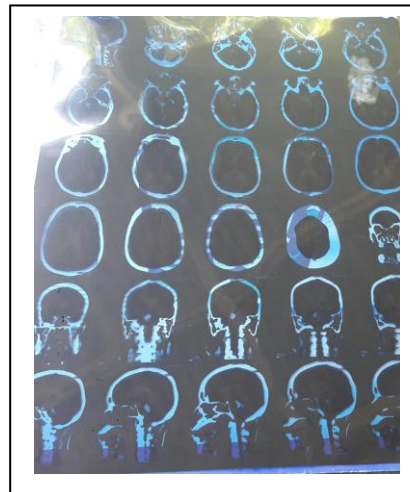
Posttest Sampel Perlakuan



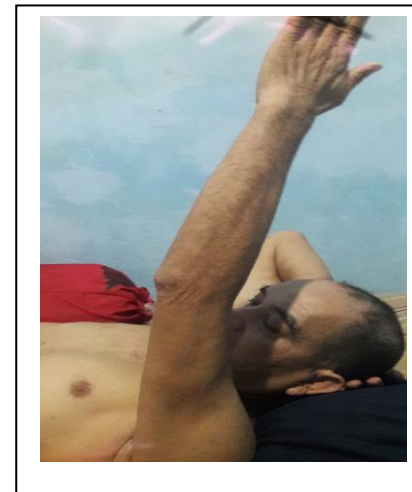
Pretest Sampel Perlakuan



Pemberian suplemen Kalsium dan Inform Consent



CT-Scan Kepala Sampel



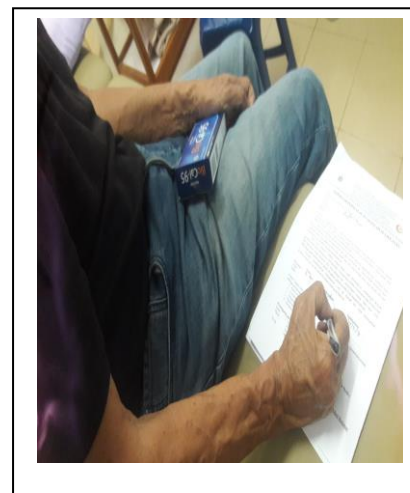
Posttest Sampel Perlakuan



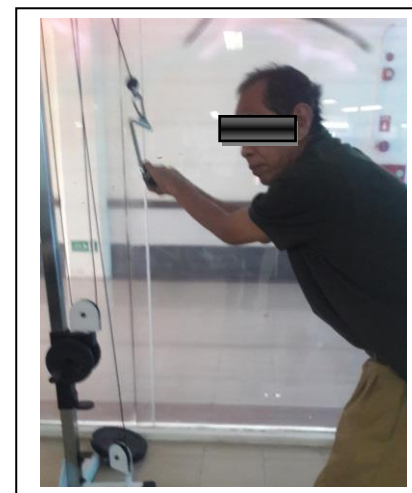
Pretest Sampel Perlakuan



Pemberian Latihan Fisik



Pemberian Inform Consent



Posttest Sampel Perlakuan

**MASTER DATA PENGUKURAN KEKUATAN OTOT (MMT) DAN KEMAMPUAN ADL (INDEKS BARTHEL)
PADA PASIEN STROKE ISKEMIK KRONIK DI STROKE CENTER RSK. DADI MAKASSAR DAN RS UMUM HAJI MAKASSAR
KELOMPOK KONTROL (LATIHAN FISIK)**

NO.	NAMA	UMUR (TAHUN)	JENIS KELAMIN	ALAMAT	ONSET SERANGAN	NILAI MMT EKSTREMITAS SUPERIOR		NILAI MMT EKSTREMITAS INFERIOR		NILAI INDEKS BARTHEL		
						PRE TEST	POST TEST	PRE TEST	POST TEST	PRE TEST	POST TEST	PRE TEST
1	Tn. R	70	Laki - laki	Jl. Hartmau No.81	4 Bulan	2	2	0	3	15	15	0
2	Tn. Y	63	Laki - laki	Bonto-bontoa, Gowa	1 Bulan	2	2	0	2	5	6	1
3	Ny. SA	56	Perempuan	Burni Batara Gowa	3 Bulan	2	3	0	3	10	12	2
4	Ny. AR	60	Perempuan	Banta-bantaeng	4 Bulan	3	3	1	2	6	7	1
5	Tn. AB	56	Laki - laki	Jl. Cendrawasih	3 Bulan	2	3	0	3	15	15	0
6	Tn. AB	47	Laki - laki	Pasar Marcaya Veteran	3 Bulan	4	4	0	4	9	9	0
7	Ny. H	66	Perempuan	Jl. Sam Ratulangi	6 Bulan	4	4	0	3	12	12	0
8	Ny. Y	63	Perempuan	Griya Asinah Sakinah	2 Bulan	3	—	—	—	14	—	—
9	Tn. B	55	Laki - laki	Jl. Andi Tomo V	5 Bulan	3	3	1	2	9	9	0
10	Tn. G	79	Laki - laki	Jl. Bontolumbu	3 Bulan	2	2	1	4	8	9	1
11	Ny. MD	64	Perempuan	Mamuju, Subar	2 Bulan	2	2	1	2	9	9	0
12	Ny. E	50	Perempuan	Jl. Swadaya No. 41	3 Bulan	2	2	0	2	10	10	0
13	Ny. SC	75	Perempuan	Unjung Pandang	1 Bulan	3	3	0	4	12	12	0
14	Ny. FB	57	Perempuan	Makassar	5 Bulan	3	3	1	2	6	9	3
15	Ny. BS	71	Perempuan	Galesong Selatan	2 Bulan	2	2	0	4	14	14	0
16	Ny. SN	76	Perempuan	Jenepono	2 Bulan	3	3	1	2	8	10	2
17	Ny. MT	59	Perempuan	Jl. Borong No. 56	6 Bulan	2	3	1	2	9	9	0
18	Tn. NW	62	Laki - laki	Jl. Alauddin	3 Bulan	2	3	1	3	10	10	0
19	Tn. Ab	52	Laki - laki	Perumahan Mangga Rujul	6 Bulan	3	4	1	2	5	5	0
20	Ny. LS	65	Perempuan	Jl. Poros Palangga, Gowa	2 Bulan	3	—	—	—	13	—	—
21	Ny. S	60	Perempuan	Jl. Mangga Tiga, Daya	1 Bulan	3	3	1	4	14	14	0

**MASTER DATA PENGUKURAN KEKUATAN OTOT (MMT) DAN KEMAMPUAN ADL (INDEKS BARTHEL)
PADA PASIEN STROKE ISKEMIK KRONIK DI STROKE CENTER RSK. DADI MAKASSAR DAN RS UMUM HAJI MAKASSAR
KELOMPOK PERILAKUAN (CAL-95 + LATIHAN FISIK)**

NO.	NAMA	UMUR	JENIS KELAMIN	ALAMAT	ONSET SERANGAN	NILAI MMT EKS. SUPERIOR		NILAI EKSTREMITAS INFERIOR		NILAI INDEKS BARTHEL		
						PRE TEST	POST TEST	PRE TEST	POST TEST	PRE TEST	POST TEST	SELISIH
1	Tn. BN	61	Laki - laki	Jl. Kalempele, Makassar	1 Bulan	4	4	0	3	16	20	4
2	Tn. B	49	Laki - laki	Jl. Ariang Raya	3 Bulan	3	3	0	4	14	17	3
3	Tn. J	64	Laki - laki	Jl. Lembang Turbu	2 Bulan	4	4	0	4	12	12	0
4	Tn. M	63	Laki - laki	Jl. Karuwisi	6 Bulan	3	4	1	4	13	18	5
5	Tn. MA	48	Laki - laki	Jl. Sirajuddin Rani	5 Bulan	3	4	1	3	12	14	2
6	Ny. F	49	Perempuan	Jl. Tenlira Pelajar	3 Bulan	3	4	1	3	15	20	5
7	Tn. A	51	Laki - laki	Jl. Bultsarung No. 47	3 Bulan	2	4	2	2	8	15	7
8	Tn. M	49	Laki - laki	Jl. Ince Nuridin	3 Bulan	3	3	0	3	12	17	5
9	Ny. Y	53	Perempuan	Jl. Badak	5 Bulan	4	5	1	4	14	19	5
10	Tn. A	50	Laki - laki	Jl. Bandung	1 Bulan	3	4	1	4	11	14	3
11	Ny. HJ. DS	55	Perempuan	Jl. Bonto Bilah	3 Bulan	2	3	1	3	8	15	7
12	Tn. S	46	Laki - laki	Jl. Poros Malino, Gowa	3 Bulan	3	4	1	3	6	15	9
13	Tn. AM	48	Laki - laki	Kompl. Burni Pesona Pelangi	6 Bulan	4	—	—	4	13	—	—
14	Tn. H	50	Laki - laki	Jl. Rusa No. 28	5 Bulan	2	3	1	4	14	16	2
15	Tn. Y	58	Laki - laki	BTN, Pao-pao Permai	2 Bulan	3	—	—	3	12	—	—
16	Ny. I	71	Perempuan	Jl. Gunung Nona	3 Bulan	2	3	1	4	8	18	10
17	Tn. M	58	Laki - laki	BTN, Pao-pao Permai	4 Bulan	3	3	0	3	9	16	7
18	Tn. AM	54	Laki - laki	Jl. Mengosidi No. 55	3 Bulan	3	4	1	3	12	18	6
19	Ny. AS	56	Perempuan	Jl. Tanjung Riya No. 1	3 Bulan	3	4	1	3	12	17	6
20	Tn. H	62	Laki - laki	Jl. Ariang Raya	5 Bulan	4	—	—	4	11	—	—
21	Tn. SY	53	Laki - laki	Jl. Banta-bantaeng	4 Bulan	4	4	0	4	13	18	5

LAMPIRAN 3 : Analisis Data

DISTRIBUSI FREKUENSI JENIS KELAMIN DAN UMUR

Jenis Kelamin Kelompok Perlakuan

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Laki-laki	14	34.2	77.8	77.8
	Perempuan	4	13.2	22.2	100.0
Total		18	47.4	100.0	
Missing	System	20	52.6		
Total		38	100.0		

Umur Kelompok Perlakuan

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	32-45 tahun	1	2.6	5.5	5.5
	46-59 tahun	14	67.7	77.8	77.8
	60 -74 tahun	3	21.1	16.7	100.0
Total		18	47.4	100.0	
Missing	System	20	52.6		
Total		38	100.0		

Jenis Kelamin Kelompok Kontrol

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Laki-laki	8	28.9	42.1	42.1
	Perempuan	11	11.3	57.9	100.0
Total		19	50.0	100.0	
Missing	System	19	50.0		
Total		38	100.0		

Umur Kelompok Kontrol

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	46-59 tahun	8	26.3	42.1	42.1
	60 -74 tahun	8	26.3	42.1	42.1
	75-90 tahun	3	5.3	15.8	100.0
Total		19	50.0	100.0	
Missing	System	19	50.0		

FREKUENSI PRETEST MMT DAN ADL

Kelompok Perlakuan

Pretest MMT Eks.Superior

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	2	3	15.8	16.7	16.7
	3	11	57.9	61.1	77.8
	4	4	21.1	22.2	100.0
Total		18	94.7	100.0	
Missing	System	1	5.3		
Total		19	100.0		

Pretest MMT Eks.Inferior

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	2	2	10.5	11.1	11.1
	3	10	52.6	55.6	66.7
	4	6	31.6	33.3	100.0
Total		18	94.7	100.0	
Missing	System	1	5.3		
Total		19	100.0		

Indeks Barthel Kelompok Perlakuan

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Ketergantungan Ringan	12	32.4	66.7	66.7
	Ketergantungan Sedang	2	5.4	11.1	77.8
	Ketergantungan Berat	4	10.8	22.2	100.0
Total		18	48.6	100.0	
Missing	System	19	51.4		
Total		37	100.0		

Kelompok Kontrol

Pretest MMT Eks.Superior

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	2	10	52.6	52.6	52.6
	3	7	36.8	36.8	89.5
	4	2	10.5	10.5	100.0
Total		19	100.0	100.0	

Pretest MMT Eks.Inferior

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	2	10	52.6	52.6	52.6
	3	4	21.1	21.1	73.7
	4	5	26.3	26.3	100.0
Total		19	100.0	100.0	

Indeks Barthel Kelompok Kontrol

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Ketergantungan Ringan	5	13.5	27.8	27.8
	Ketergantungan Sedang	7	18.9	38.9	66.7
	Ketergantungan Berat	6	16.2	33.3	100.0
Total		18	48.6	100.0	
Missing	System	19	51.4		
Total		37	100.0		

UJI NORMALITAS

Tests of Normality

Kelompok Sampel Gabung		Kolmogorov-Smirnov ^a			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
Pretest MMT Eks.Superior	Kelompok Perlakuan	.312	18	.000	.789	18	.001
	Kelompok Kontrol	.263	19	.001	.793	19	.001
Posttest MMT Eks.Superior	Kelompok Perlakuan	.352	18	.000	.741	18	.000
	Kelompok Kontrol	.267	19	.001	.781	19	.001
Pretest MMT	Kelompok Perlakuan	.301	18	.000	.786	18	.001

Eks.Inferior	Kelompok Kontrol	.234	19	.007	.805	19	.001
Posttest MMT	Kelompok Perlakuan	.444	18	.000	.477	18	.000
Eks.Inferior	Kelompok Kontrol	.310	19	.000	.749	19	.000
Pretest Indeks	Kelompok Perlakuan	.223	18	.019	.933	18	.221
Barthel	Kelompok Kontrol	.142	19	.200*	.944	19	.315
Posttest Indeks	Kelompok Perlakuan	.135	18	.200*	.947	18	.376
Bathel	Kelompok Kontrol	.118	19	.200*	.927	19	.155

UJI HOMOGENITAS

Test of Homogeneity of Variance

		Levene Statistic	df1	df2	Sig.
Pretest MMT Eks.Superior	Based on Mean	2.123	1	35	.154
	Based on Median	1.312	1	35	.260
	Based on Median and with adjusted df	1.312	1	34.996	.260
	Based on trimmed mean	2.200	1	35	.147
Pretest MMT Eks.Inferior	Based on Mean	1.105	1	35	.300
	Based on Median	1.278	1	35	.266
	Based on Median and with adjusted df	1.278	1	34.966	.266
	Based on trimmed mean	1.065	1	35	.309
Pretest Indeks Barthel	Based on Mean	3.848	1	35	.058
	Based on Median	3.557	1	35	.068
	Based on Median and with adjusted df	3.557	1	34.560	.068
	Based on trimmed mean	3.917	1	35	.056

UJI WILCOXON MMT KELOMPOK PERLAKUAN

Descriptive Statistics

	N	Mean	Std. Deviation	Minimum	Maximum	Percentiles		
						25th	50th (Median)	75th
Pretest MMT Eks.Superior	18	3.06	.639	2	4	3.00	3.00	3.25

Pretest MMT Eks.Inferior	18	3.22	.647	2	4	3.00	3.00	4.00
Pretest Indeks Barthel	18	11.61	2.768	6	16	8.75	12.00	14.00
Posttest MMT Eks.Superior	18	3.72	.575	3	5	3.00	4.00	4.00
Posttest Eks. Inferior	18	4.00	.343	3	5	4.00	4.00	4.00
Posttest Indeks Barthel	18	16.89	1.844	14	20	15.00	17.00	18.00

Test Statistics^b

	Posttest MMT Eks.Superior - Pretest MMT Eks.Superior	Posttest Eks. Inferior - Pretest MMT Eks.Inferior	Posttest Indeks Barthel - Pretest Indeks Barthel
Z	-3.207 ^a	-3.500 ^a	-3.751 ^a
Asymp. Sig. (2-tailed)	.001	.000	.000

a. Based on negative ranks.

b. Wilcoxon Signed Ranks Test

UJI WILCOXON MMT KELOMPOK KONTROL

Descriptive Statistics

	N	Mean	Std. Deviation	Minimum	Maximum	Percentiles		
						25th	50th (Median)	75th
Pretest MMT Eks.Superior	19	2.58	.692	2	4	2.00	2.00	3.00
Pretest MMT Eks.Inferior	19	2.74	.872	2	4	2.00	2.00	4.00
Pretest Indeks Barthel	19	9.79	3.190	5	15	8.00	9.00	12.00
Posttest MMT Eks.Superior	19	2.84	.688	2	4	2.00	3.00	3.00
Posttest Eks. Inferior	19	3.05	.780	2	4	2.00	3.00	4.00
Posttest Indeks Barthel	19	10.32	2.868	5	15	9.00	10.00	12.00

	Posttest MMT Eks.Superior - Pretest MMT Eks.Superior	Posttest Eks. Inferior - Pretest MMT Eks.Inferior	Posttest Indeks Barthel - Pretest Indeks Barthel
Z	-2.236 ^a	-2.449 ^a	-2.232 ^a
Asymp. Sig. (2-tailed)	.025	.014	.026

a. Based on negative ranks.

b. Wilcoxon Signed Ranks Test

UJI MANN WHITNEY U-TEST NILAI MEDIAN

Descriptive Statistics

	N	Mean	Std. Deviation	Minimum	Maximum	Percentiles		
						25th	50th (Median)	75th
Selisih MMT Eks.Superior Perlakuan	18	.72	.575	0	2	.00	1.00	1.00
Selisih MMT Eks.Inferior Perlakuan	18	.78	.548	0	2	.00	1.00	1.00
Selisih Indeks Berthel Perlakuan	18	5.33	2.169	2	10	3.75	5.00	7.00
Selisih MMT Eks.Superior Kontrol	19	.58	.507	0	1	.00	1.00	1.00
Selisih MMT Eks.Inferior Kontrol	19	.58	.507	0	1	.00	1.00	1.00
Selisih Indeks Barthel Kontrol	19	.68	.946	0	3	.00	1.00	1.00
Kelompok Sampel Gabung	37	1.51	.507	1	2	1.00	2.00	2.00

Test Statistics^b

	Selisih MMT Eks.Superior Kontrol	Selisih MMT Eks.Inferior Kontrol	Selisih Indeks Barthel Kontrol
Mann-Whitney U	5.000	3.500	2.000
Wilcoxon W	176.000	4.500	173.000
Z	-.853	-1.173	-1.434
Asymp. Sig. (2-tailed)	.001	.000	.000
Exact Sig. [2*(1-tailed Sig.)]	.632 ^a	.421 ^a	.316 ^a

Test Statistics^b

	Selisih MMT Eks.Superior Kontrol	Selisih MMT Eks.Inferior Kontrol	Selisih Indeks Barthel Kontrol
Mann-Whitney U	5.000	3.500	2.000
Wilcoxon W	176.000	4.500	173.000
Z	-.853	-1.173	-1.434
Asymp. Sig. (2-tailed)	.001	.000	.000
Exact Sig. [2*(1-tailed Sig.)]	.632 ^a	.421 ^a	.316 ^a

a. Not corrected for ties.

b. Grouping Variable: Kelompok Sampel Gabung

UJI MANN WHITNEY U-TEST KELOMPOK SAMPEL**Test Statistics^b**

	Posttest MMT Eks.Superior	Posttest MMT Eks.Inferior	Posttest Indeks Bathel
Mann-Whitney U	64.500	58.000	9.000
Wilcoxon W	254.500	248.000	199.000
Z	-3.487	-3.904	-4.951
Asymp. Sig. (2-tailed)	.051	.051	.015
Exact Sig. [2*(1-tailed Sig.)]	.001 ^a	.000 ^a	.000 ^a

a. Not corrected for ties.

b. Grouping Variable: Kelompok Sampel Gabung

Lampiran 4 : Inform Consent



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

FORMULIR PERSETUJUAN SETELAH PENJELASAN

Saya yang bertandatangan di bawah ini :

Nama :
Umur :
Masa Kerja :
Satuan :
Alamat :

Setelah mendengar/membaca dan mengerti penjelasan yang diberikan mengenai tujuan, manfaat, dan apa yang akan dilakukan pada penelitian ini, menyatakan setuju untuk ikut dalam penelitian ini secara sukarela tanpa paksaan.

Saya tahu bahwa keikutsertaan saya ini bersifat sukarela tanpa paksaan, sehingga saya bisa menolak ikut atau mengundurkan diri dari penelitian ini. Saya berhak bertanya atau meminta penjelasan pada peneliti bila masih ada hal yang belum jelas atau masih ada hal yang ingin saya ketahui tentang penelitian ini.

Saya juga mengerti bahwa semua biaya yang dikeluarkan sehubungan dengan penelitian ini, akan ditanggung oleh peneliti. Saya percaya bahwa keamanan dan kerahasiaan data penelitian akan terjamin dan saya dengan ini menyetujui semua data saya yang dihasilkan pada penelitian ini untuk disajikan dalam bentuk lisan maupun tulisan.

Dengan membubuhkan tandatangan saya di bawah ini, saya menegaskan keikutsertaan saya secara sukarela dalam studi penelitian ini.

	Nama	Tanda tangan	Tgl/Bln/Thn
Responden
/Wali
Saksi

(Tanda Tangan Saksi diperlukan hanya jika Partisipan tidak dapat memberikan consent/persetujuan sehingga menggunakan wali yang sah secara hukum, yaitu untuk partisipan berikut:

1. Berusia di bawah 18 tahun
2. Usia lanjut
3. Gangguan mental
4. Pasien tidak sadar
5. Dan lain-lain kondisi yang tidak memungkinkan memberikan persetujuan

Penanggung jawab penelitian :

Nama : Nurjannah
Alamat : Jl. Bendungan No. 77, Bontomanai,
Kec. Bontomarannu, Kab. Gowa
No Hp : 0811413405

Penanggung Jawab Medis :

dr. Rehabilitasi Medik RSKD.Pemprov SulSel

dr.Wa Ode Sri Rahmatiah Sp.KFR

Lampiran 5. Surat Etik Penelitian



KEMENTERIAN PENDIDIKAN, KEBUDAYAAN, RISET DAN TEKNOLOGI
 UNIVERSITAS HASANUDDIN FAKULTAS KEDOKTERAN
 KOMITE ETIK PENELITIAN UNIVERSITAS HASANUDDIN
 RSPN UNIVERSITAS HASANUDDIN
 RSUP Dr. WAHIDIN SUDIROHUSODO MAKASSAR
 Sekretariat : Lantai 2 Gedung Laboratorium Terpadu
 PERINTIS KEMERDEKAAN KAMPUS TAMALANREA KM.10 MAKASSAR 90245.



Contact Person: dr. Agussalim Bukhari, M.Med, Ph.D., Sp.GK TELP. 081241850858, 0411 5780103, Fax : 0411-581431

REKOMENDASI PERSETUJUAN ETIK

Nomor : 166/UN4.6.4.5.31/ PP36/ 2023

Tanggal: 13 Maret 2023

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

No Protokol	UH23020092	No Sponsor Protokol	
Peneliti Utama	Nurjannah	Sponsor	
Judul Peneliti	Pengaruh Pemberian Suplemen Kalsium dan Latihan Fisik terhadap Peningkatan Kekuatan Otot dan Activity Daily Living (ADL) pada Pasien Stroke Iskemik Kronik		
No Versi Protokol	2	Tanggal Versi	9 Maret 2023
No Versi PSP	2	Tanggal Versi	9 Maret 2023
Tempat Penelitian	RSKD Stroke Center dan RS Haji		
Jenis Review	<input type="checkbox"/> Exempted <input type="checkbox"/> Expedited <input checked="" type="checkbox"/> Fullboard Tanggal 1 Maret 2023	Masa Berlaku 13 Maret 2023 sampai 13 Maret 2024	Frekuensi review lanjutan
Ketua KEP Universitas Hasanuddin	Nama Prof.Dr.dr. Suryani As'ad, M.Sc.,Sp.GK (K)	Tanda tangan	
Sekretaris KEP Universitas Hasanuddin	Nama dr. Agussalim Bukhari, M.Med.,Ph.D.,Sp.GK (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 Lapo 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 6. Surat Pengantar Penelitian Penanaman Modal



KEMENTERIAN PENDIDIKAN, KEBUDAYAAN,
RISET DAN TEKNOLOGI
UNIVERSITAS HASANUDDIN
SEKOLAH PASCASARJANA

Jalan Perintis Kemerdekaan km. 10 Makassar 90245 Telp. : (0411) 585034, 585036
Fax. : (0411) 585868, E-mail : info@pasca.unhas.ac.id, <http://pasca.unhas.ac.id>

Nomor : 11660/UN4.20.1/PT.01.04/2023
Perihal : Permohonan Izin Penelitian

16 Maret 2023

Yth. Kepala Dinas Penanaman Modal dan Pelayanan Terpadu Satu Pintu (DPMPTSP)
Provinsi Sulawesi Selatan
Makassar

Dengan hormat disampaikan bahwa mahasiswa Sekolah Pascasarjana Universitas Hasanuddin yang tersebut dibawah ini :

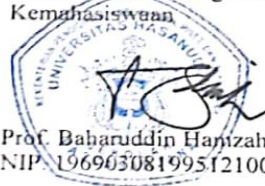
Nama : Nurjannah
Nomor Pokok : P062212018
Program Pendidikan : Magister (S2)
Program Studi : Ilmu Biomedik

Bermaksud melakukan penelitian dalam rangka persiapan penulisan tesis terkait dengan judul "Pengaruh Pemberian Suplemen Kalsium dan Latihan Fisik terhadap peningkatan Kekuatan Otot dan Activity Daily Living (ADL) pada pasien Stroke Iskemik Kronik".

Sehubungan dengan hal tersebut, mohon kiranya yang bersangkutan diberikan izin untuk melakukan penelitian di Khusus Pemprov Sulsel bagian Stroke Center dan RS. Haji Makassar.

Atas perkenan dan kerjasamanya diucapkan terima kasih.

a.n. Dekan
Wakil Dekan Bidang Akademik dan
Kemahasiswaan



Prof. Baharuddin Hamzah., ST., M.Arch., Ph.D.
NIP. 196905081995121001

Tembusan Yth:

1. Dekan SPs Unhas "sebagai laporan"
2. Mahasiswa yang bersangkutan;
3. Arsip.

Lampiran 7. Surat Pengantar Penelitian



KEMENTERIAN PENDIDIKAN, KEBUDAYAAN,
RISET DAN TEKNOLOGI
UNIVERSITAS HASANUDDIN
SEKOLAH PASCASARJANA

Jalan Perintis Kemerdekaan km. 10 Makassar 90245 Telp. : (0411) 585034, 585036
Fax. : (0411) 585868, E-mail : info@pasca.unhas.ac.id, <http://pasca.unhas.ac.id>

Nomor : 1652/UN4.20.1/PT.01.04/2023
Perihal : Permohonan Izin Penelitian

16 Maret 2023

Yth. - Pimpinan RSKD. Stroke Center
- Pimpinan RS. Haji
Makassar

Dengan hormat disampaikan bahwa mahasiswa Sekolah Pascasarjana Universitas Hasanuddin yang tersebut dibawah ini :

Nama : Nurjannah
Nomor Pokok : P062212018
Program Pendidikan : Magister (S2)
Program Studi : Ilmu Biomedik

Bermaksud melakukan penelitian dalam rangka persiapan penulisan tesis terkait dengan judul "Pengaruh Pemberian Suplemen Kalsium dan Latihan Fisik terhadap peningkatan Kekuatan Otot dan Activity Daily Living (ADL) pada pasien Stroke Iskemik Kronik".

Sehubungan dengan hal tersebut, mohon kiranya yang bersangkutan diberikan izin untuk melakukan penelitian di instansi yang Bapak/Ibu pimpin.

Atas perkenan dan kerjasamanya diucapkan terima kasih.

a.n. Dekan
Wakil Dekan Bidang Akademik dan
Kemahasiswaan

Prof. Baharuddin Hamzah, ST., M.Arch., Ph.D.
NIP. 196903081995121001

Tembusan Yth:

1. Dekan SPs Unhas "sebagai laporan"
2. Mahasiswa yang bersangkutan.
3. Arsip.

Lampiran 8. Surat Selesai Penelitian RSKD. DADI Pemprov Sul-Sel



PEMERINTAH PROVINSI SULAWESI SELATAN
DINAS KESEHATAN
UPT RUMAH SAKIT KHUSUS DAERAH DADI
Jl.Lanto Dg.Pasewang No.34 Telepon : (0411) – 873120 Faxmile : 0411-872167
Makassar 90131

SURAT KETERANGAN
Nomor : 043 /DIKLAT-DADI/V/2023

Yang bertanda tangan di bawah ini Direktur UPT Rumah Sakit Khusus Daerah Dadi Provinsi Sulawesi Selatan menerangkan bahwa :

Nama : NURJANNAH
NIM : P062212018
Program Studi : Ilmu Biomedik Konsentrasi Fisiologi
Lembaga : Mahasiswa (S2) UNHAS
Alamat : Jl. P.Kemerdekaan Km.10-Makassar

Benar telah melakukan penelitian yang berlangsung pada tanggal 13 Maret sampai dengan 14 Mei 2023 di Rumah Sakit Khusus Daerah Dadi Provinsi Sulawesi Selatan dengan judul penelitian yaitu :

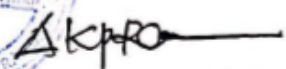
**“ PENGARUH PEMBERIAN SUPLEMEN KALSIMUM DAN LATIHAN FISIK
TERHADAP PENINGKATAN KEKUATAN OTOT DAN *ACTIVITY DAILY LIVING*
(ADL) PADA PASIEN STROKE ISKEMIK KRONIK “**

Demikianlah surat keterangan ini dibuat dan diberikan kepada yang bersangkutan untuk digunakan sebagaimana mestinya.



Makassar 15 Mei 2023

Ketua Diklat


Kamaluddin Palinrungi S.Kep. Ns. M.Kep

Nip : 19751107 199803 1 005

Lampiran 8. Surat Selesai Penelitian RSUD.Haji



PEMERINTAH PROVINSI SULAWESI SELATAN
RUMAH SAKIT UMUM DAERAH HAJI MAKASSAR

Alamat : Jl.Dg. Ngeppe Np.14 Makassar, Telp. 855934 – 856091 Fax (0411) 855934

SURAT KETERANGAN

Nomor : 455 / 4810 /RSUDHaji

Yang bertanda tangan dibawah ini :

NAMA : **Dra. YUSTIATY YUSUF, SE.M,SI**
NIP : 19661218 199603 2 001
PANGKAT / GOL : PEMBINA TK.1/IVb
JABATAN : KEPALA BIDANG DIKLAT, LITBANG DAN ETIKA

Denga ini menerangkan :

NAMA : **NURJANNAH**
NIM : P062212018
FAKULTAS/JURUSAN : ILMU BIOMEDIK KONSENTRASI FISILOGI
INSTITUSI /LEMBAGA : UNIVERSITAS HASANUDDIN MAKASSAR

Adalah Benar telah selesai melakukan Penelitian di Rumah Sakit Umum Daerah Haji Makassar Provinsi Sulawesi Selatan, Dalam rangka penyusunan **TESIS**, pada tanggal 13 Maret s/d 14 Mei 2023, Dengan judul :

**“ PENGARUH PEMBERIAN SUPLEMEN KALSIMUM DAN LATIHAN FISIK TERHADAP
PENINGKATAN KEKUATAN OTOT DAN *ACTIVITY DAILY LIVING* (ADL) PADA PASIEN
STROKE ISKEMIK KRONIK “**

Demikianlah surat keterangan ini dibuat dan diberikan kepada yang bersangkutan untuk digunakan sebagaimana mestinya.

Makassar, 15 Mei 2023

KEPALA BIDANG DIKLAT, LITBANG DAN ETIKA,

Dra. YUSTIATY YUSUF, SE, M.SI
NIP. 19661218 199603 2 001

RIWAYAT HIDUP PENULIS

Nama : Nurjannah
Tempat/Tanggal Lahir : Gowa, 23 Februari 1992
Alamat : Jln. Poros Malino , Lrg Bendungan No.77,
Kel. Bontomanai , Kec. Bontomarannu, Kab.
Gowa, Provinsi
Sulawesi Selatan 92111



Agama : Islam
Jenis Kelamin : Perempuan
Pekerjaan : PNS
e-mail : Nurjannahtadjuddin@gmail.com
No Tlp : 0811413405

Riwayat Keluarga

- Ayah : Tadjuddin Dg Sikki
- Ibu : Salma Dg Nurung
- Kakak : Alm.Fatmawati

Riwayat Pendidikan :

- SD Negeri Unggulan 1 Bontomanai Tahun 1997
- SLTP Negeri 1 Bontomarannu Tahun 2003
- SMA Negeri 1 Bontomarannu Tahun 2006
- DIII Prodi Fisioterapi Poltekkes Kemenkes Makassar Tahun 2009
- Program Studi (S1) Fisioterapi FK Universitas Hasanuddin Tahun 2013
- Program Profesi Fisioterapi FK Universitas Hasanuddin Tahun 2015
- Program Studi Ilmu Biomedik Konsentrasi Fisiologi Pascasarjana Universitas Hasanuddin