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**REKOMENDASI PERSETUJUAN ETIK**

Nomor : 585/UN4.6.4.5.31/ PP36/ 2023

Tanggal: 25 Agustus 2023

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

No Protokol	UH23080576	No Sponsor	
Peneliti Utama	<b>dr. Louis Max Alfer Mailuhu</b>	Sponsor	
Judul Peneliti	Korelasi Natrium dan Albumin serum terhadap Severitas Stroke Hemoragik		
No Versi Protokol	<b>1</b>	Tanggal Versi	<b>10 Agustus 2023</b>
No Versi PSP		Tanggal Versi	
Tempat Penelitian	RSUP Dr. Wahidin Sudirohusodo Makassar		
Jenis Review	<input type="checkbox"/> Exempted <input checked="" type="checkbox"/> Expedited <input type="checkbox"/> Fullboard Tanggal	Masa Berlaku <b>25 Agustus 2023</b> sampai <b>25 Agustus 2024</b>	Frekuensi review lanjutan
Ketua KEP Universitas Hasanuddin	Nama <b>Prof.Dr.dr. Suryani As'ad, M.Sc.,Sp.GK (K)</b>	Tanda tangan	
Sekretaris KEP Universitas Hasanuddin	Nama <b>dr. Agussalim Bukhari, M.Med.,Ph.D.,Sp.GK (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 Laporan 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

NO	NAMA	NOMOR RM	UMUR	JENIS KELAMIN		SKOR NIHSS MASUK	DIAGNOSIS	Natrium	Albumin
				L	P				
1.	Tn. N	974224	61	L		20	ICH	144	3.4
2.	Ny. N	977586	68		P	25	ICH	129	3.3
3.	Ny. W	976961	25		P	16	ICH	133	2.9
4.	Tn. SA	367091	69	L		18	ICH	131	3.2
5.	Ny.S	979883	65		P	20	ICH	134	3.2
6.	Ny. MS	247468	71		P	23	ICH	129	2.2
7.	Tn. YT	980801	69	L		22	ICH	130	3.1
8.	Ny. Z	983532	57		P	19	ICH	139	3.5
9.	Ny. S	986522	76		P	26	ICH	120	1.9
10.	Ny. S	986973	52		P	13	ICH	131	4.1
11.	Ny. S	991134	68		P	5	ICH	139	3.6
12.	Ny. U	991320	76		P	18	ICH	128	3.2
13.	Tn. MAT	992144	44	L		21	ICH	144	3
14.	Ny. AP	995573	51		P	29	ICH	131	1.9
15.	Ny. RA	995873	46		P	14	ICH	136	3.6
16.	Ny. SA	996108	52		P	19	ICH	134	3.1
17.	Tn. R	451601	47	L		25	ICH	130	2.9
18.	Tn. ALT	997894	69	L		19	ICH	133	3.2
19.	Ny. ANI	999285	49		P	23	ICH	134	3.1
20.	Tn. AL	926015	62	L		21	ICH	132	3.2
21.	Ny. D	1003004	51		P	21	ICH	132	2.9
22.	Tn. PR	758051	70	L		18	ICH	134	3.4
23.	Tn.N	960540	73	L		22	ICH	134	3.6
24.	Tn. A	1005335	46	L		23	ICH	123	3.1
25.	Tn. MY	1005782	66	L		0	ICH	138	3.6
26.	Ny. S	970326	54		P	20	ICH	134	3.4
27.	Tn. M	1008495	40	L		12	ICH	131	3.9
28.	Ny. D	1008714	65		P	24	ICH	141	3.1
29.	Ny. SR	995929	58		P	21	ICH	141	2.7
30.	Tn. MT	1009400	54	L		13	ICH	134	4.1
31.	Tn. AI	1011057	56	L		4	ICH	131	3.3
32.	Tn. B	183124	60	L		18	ICH	134	3.4
33.	Tn. Z	1011419	45	L		25	ICH	132	3.1
34.	Tn. A	941401	35	L		13	ICH	140	3.7
35.	Ny. NM	746351	42		P	8	ICH	140	2.6
36.	Ny. ER	1011550	56		P	19	ICH	132	3.2
37.	Tn. K	1011070	46	L		4	ICH	143	3.7
38.	Tn. M	975625	69	L		23	ICH	129	2.9
39.	Tn. ZA	959181	58	L		18	ICH	124	3.4
40.	Tn. AR	1013925	37	L		6	ICH	136	3.9
41.	Tn. Z	1011419	49	L		22	ICH	131	3.1
42.	Tn. S	869846	55	L		22	ICH	129	2
43.	Ny. AM	1013475	66		P	32	ICH	140	3

44.	Ny. E	1015328	58		P	21	ICH	131	2.8
45.	Tn. AI	1011057	56	L		23	ICH	134	3.3
46.	Tn. A	1015510	62	L		26	ICH	131	3.4
47.	Tn. Z	1011419	49	L		25	ICH	133	3.1
48.	Tn. T	1016150	48	L		26	ICH	141	3
49.	Ny. I	1016435	45		P	18	ICH	134	3.3
50.	Tn. B	183124	63	L		17	ICH	139	3.4
51.	Tn. Z	1016794	49	L		23	ICH	143	3.5
52.	Tn. B	1017784	80	L		25	ICH	130	3.1
53.	Ny. D	1019675	61		P	5	ICH	140	3.5
54.	Tn. BDN	1025267	63	L		27	ICH	134	3.1
55.	Ny. NA	1028217	58		P	22	ICH	137	3
56.	Tn. S	988417	53	L		20	ICH	120	2.9
57.	Tn. SM	1028861	45	L		25	ICH	128	3.2
58.	Tn. S	237261	62	L		18	ICH	133	4.0
59.	Tn. Y	124258	59	L		14	ICH	135	3.8
60.	Tn. MN	68521	65	L		18	ICH	131	3.4
61.	Ny. R	310419	40		P	16	ICH	134	3.3
62.	Ny. M	1020712	30		P	18	ICH	133	3.4
63.	Tn. AA	204448	46	L		4	ICH	135	3.8
64.	Tn. R	203890	49	L		17	ICH	129	3.5
65.	Tn. ASS	918719	73	L		21	ICH	139	2.8
66.	Tn. S	1034491	72	L		16	ICH	131	3.2
67.	Ny. NM	746351	61		P	21	ICH	124	2.2
68.	Tn. R	1071698	56	L		16	ICH	128	3.2
69.	Ny. S	970326	54		P	18	ICH	134	3.4

		n	%
Jenis Kelamin	Laki-laki	35	50.7
	Perempuan	34	49.3
NIHSS	Ringan	6	8.7
	Sedang	8	11.6
	Berat	55	79.7
Usia	25-44 tahun	8	11.6
	45-59 tahun	33	47.8
	60-74 tahun	25	36.2
	≥ 75 tahun	3	4.3
Natrium	Normal	21	30.4
	Tidak normal	48	69.6
Albumin	Normal	17	24.6
	Tidak normal	52	75.4
Jumlah		69	100.0

	Mean	SD	Median	Minimum	Maximum
Usia	56.45	11.37	56.00	25.00	80.00
NIHSS	18.61	6.49	20.00	0.00	32.00
Natrium	133.41	5.24	133.00	120.00	144.00
Albumin	3.21	0.46	3.20	1.90	4.10

			Kat_NIHSS			Jumlah	Nilai p
			Ringan	Sedang	Berat		
Kat_Natrium	Normal	n	5	5	11	21	0.000
		%	23.8%	23.8%	52.4%	100.0%	
	Tidak normal	n	1	3	44	48	
		%	2.1%	6.3%	91.7%	100.0%	
Kat_Albumin	Normal	n	5	7	5	17	0.000
		%	29.4%	41.2%	29.4%	100.0%	
	Tidak normal	n	1	1	50	52	
		%	1.9%	1.9%	96.2%	100.0%	
Jumlah		n	6	8	55	69	
		%	8.7%	11.6%	79.7%	100.0%	

Kategori		Kat_NIHSS			Jumlah	Nilai p
		Ringan	Sedang	Berat		
Natrium Normal - Albumin Tidak Normal	n	0	1	9	10	0.000
	%	0.0%	10.0%	90.0%	100.0%	
Natrium Normal - Albumin Normal	n	5	4	2	11	
	%	45.5%	36.4%	18.2%	100.0%	
Natrium Tidak Normal - Albumin Tidak Normal	n	1	0	41	42	
	%	2.4%	0.0%	97.6%	100.0%	
Natrium Tidak Normal - Albumin Normal	n	0	3	3	6	
	%	0.0%	50.0%	50.0%	100.0%	
Jumlah	n	6	8	55	69	
	%	8.7%	11.6%	79.7%	100.0%	

	NIHSS	
	Nilai r	Nilai p
Natrium	-0.237	0.050
Albumin	-0.625	0.000

\* Uji Korelasi Spearman



Natrium	Albumin	NIHSS
144	3.4	20
129	3.3	25
133	2.9	16
131	3.2	18
134	3.2	20
129	2.2	23
130	3.1	22
139	3.5	19
120	1.9	26
131	4.1	13
139	3.6	5
128	3.2	18
144	3	21
131	1.9	29
136	3.6	14
134	3.1	19
130	2.9	25
133	3.2	19
134	3.1	23
132	3.2	21
132	2.9	21
134	3.4	18
134	3.6	22
123	3.1	23
138	3.6	0
134	3.4	20
131	3.9	12
141	3.1	24
141	2.7	21
134	4.1	13
131	3.3	4
134	3.4	18
132	3.1	25
140	3.7	13
140	2.6	8
132	3.2	19
143	3.7	4
129	2.9	23
124	3.4	18
136	3.9	6
131	3.1	22
129	2	22

140	3	32
131	2.8	21
134	3.3	23
131	3.4	26
133	3.1	25
141	3	26
134	3.3	18
139	3.4	17
143	3.5	23
130	3.1	25
140	3.5	5
134	3.1	27
137	3	22
120	2.9	20
128	3.2	25
133	4	18
135	3.8	14
131	3.4	18
134	3.3	16
133	3.4	18
135	3.8	4
129	3.5	17
139	2.8	21
131	3.2	16
124	2.2	21
128	3.2	16
134	3.4	18

