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LAMPIRAN 1

Data Penelitian

NO	NAMA	JK	USIA	Neck Tilt	TIA	T1 Slope	Cobb Angle	MODIC	DERAJAT NYERI
1	R	L	47	52	77	24	18	0	2
2	A	L	47	42	60	18	19	2	2
3	I	P	32	44	64	20	11	2	3
4	R	L	30	40	76	28	35	0	2
5	M	L	70	43	88	36	38	1	3
6	A	L	57	65	80	24	15	0	3
7	M	P	45	49	78	27	13	0	1
8	H	P	53	47	69	27	15	2	1
9	K	L	67	56	75	26	12	2	3
10	H	L	42	50	70	28	18	1	2
11	A	L	52	46	70	27	15	3	1
12	T	P	56	66	82	24	12	0	3
13	E	L	34	52	74	25	14	0	2
14	A	P	35	47	60	22	11	1	3
15	S	L	39	51	82	23	12	0	2
16	A	P	44	48	67	27	11	1	3
17	F	P	35	45	69	25	11	2	2
18	Y	P	44	43	62	25	15	3	1
19	D	P	53	45	65	28	21	0	3
20	J	P	45	63	75	18	14	2	2
21	W	L	55	66	75	25	17	1	2
22	R	L	55	63	80	26	11	0	2
23	J	L	43	54	72	22	20	1	3
24	S	P	45	66	62	25	15	2	3
25	S	L	31	51	64	20	17	0	1
26	Sa	P	40	53	72	21	17	3	2
27	As	L	31	59	72	17	11	2	3
28	NL	P	55	50	65	22	17	0	2
29	K	L	47	59	79	23	10	3	1
30	S	L	66	67	86	25	16	2	2
31	NA	P	32	48	66	22	12	0	1
32	NW	P	43	45	63	25	11	0	2
33	HM	L	62	51	82	28	27	2	2
34	DH	P	54	59	81	24	15	2	3
35	MB	L	46	44	63	20	15	2	3
36	N	L	51	59	72	19	16	0	2
37	L	L	60	60	81	18	12	2	2
38	TK	L	51	66	87	25	15	2	2
39	S	L	46	42	66	26	17	0	3
40	A	P	48	47	65	27	18	0	3
41	H	P	39	49	61	26	14	2	1
42	P	L	49	65	84	19	17	3	3
43	M	L	62	64	84	19	16	1	2
44	AS	L	47	43	69	21	12	3	2
45	LP	P	80	47	70	24	18	2	1

46	YB	L	46	51	77	27	19	3	1
47	R	L	50	60	82	22	19	0	1
48	I	L	46	53	87	29	16	3	2
49	AM	L	68	51	67	29	20	0	1
50	T	P	49	42	71	28	16	0	1
51	SM	P	36	42	67	25	12	0	3
52	B	L	58	61	89	22	12	2	1
53	J	P	48	49	73	21	13	0	1
54	J	P	42	57	65	26	14	0	2
55	M	L	38	45	64	26	17	0	3
56	R	L	36	41	68	22	12	0	3
57	M	P	38	46	62	19	17	2	1
58	A	P	57	54	76	22	19	3	1
59	UJ	L	41	61	76	23	12	0	1
60	M	P	58	53	70	24	10	2	1
61	NA	P	62	65	85	25	17	1	2
62	I	P	47	66	83	27	18	2	1
63	FH	L	38	53	71	27	16	2	2
64	MS	L	62	55	74	21	18	2	1
65	AS	L	58	45	67	26	18	0	3
66	MJ	L	68	57	91	27	25	1	3
67	I	P	47	54	65	28	17	0	3
68	T	L	49	48	66	24	14	3	3
69	H	P	51	47	67	19	10	1	2
70	IE	L	34	50	68	21	17	0	2
71	AM	L	61	59	88	25	19	3	1
72	B	P	51	61	76	22	13	1	3
73	S	P	47	46	67	17	12	2	2
74	B	L	54	62	88	28	19	2	2
75	PK	L	54	60	89	22	12	0	1
76	AA	P	31	46	70	24	18	1	2
77	SM	L	68	64	83	29	23	2	2
78	I	L	48	39	79	33	24	2	2
79	S	P	53	60	81	27	19	3	2
80	AW	P	34	56	65	23	12	0	2
81	H	P	48	60	67	27	24	3	1
82	AF	P	34	43	73	28	12	2	2
83	IS	P	48	49	70	33	16	3	2
84	SF	P	40	63	76	20	13	1	3
85	AA	L	49	44	76	36	28	2	2
86	BT	L	35	48	78	31	16	2	3
87	I	P	50	46	68	31	15	3	2
88	A	P	43	58	69	22	18	2	3
89	JP	P	56	62	81	23	15	2	2
90	F	P	30	55	65	11	12	0	1
91	SH	L	62	42	60	22	13	2	3
92	P	P	66	62	81	26	11	3	1
93	AD	L	36	44	60	28	11	1	3
94	A	L	37	41	67	28	19	0	1
95	M	L	44	47	63	23	13	1	3

96	AN	P	43	49	81	28	19	3	1
97	BL	L	55	53	63	20	18	3	2
98	SS	L	59	58	73	24	15	0	2
99	FL	P	63	46	72	25	15	2	2
100	RD	P	59	51	71	24	14	2	1

LAMPIRAN 2

Hasil Analisis Deskriptif

Descriptive Statistics

	N	Minimum	Maximum	Mean	Std. Deviation
USIA	100	29,00	81,00	48,5000	10,71532
Neck_Tilt	100	39,00	67,00	52,5100	7,78952
Thoracic_Inlet	100	60,00	91,00	72,9500	8,16790
T1_Slope	100	11,00	36,00	24,4100	4,02541
Cobb_Angle	100	10,00	38,00	16,0200	4,73538
Valid N (listwise)	100				

JK

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	L	53	53,0	53,0	53,0
	P	47	47,0	47,0	100,0
	Total	100	100,0	100,0	

MODIC

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	,00	33	33,0	33,0	33,0
	1,00	15	15,0	15,0	48,0
	2,00	34	34,0	34,0	82,0
	3,00	18	18,0	18,0	100,0
	Total	100	100,0	100,0	

DERAJAT_NYERI

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1,00	29	29,0	29,0	29,0
	2,00	41	41,0	41,0	70,0
	3,00	30	30,0	30,0	100,0
	Total	100	100,0	100,0	

Hasil Uji Normalitas

One-Sample Kolmogorov-Smirnov Test

		Neck_Tilt	Thoracic_Inlet	T1_Slope	Cobb_Angle
N		100	100	100	100
Normal Parameters[a,b]	Mean	52,5100	72,9500	24,4100	16,0200
	Std. Deviation	7,78952	8,16790	4,02541	4,73538
Most Extreme Differences	Absolute	,104	,101	,096	,155
	Positive	,104	,101	,096	,155
	Negative	-,098	-,078	-,069	-,115
Test Statistic		,104	,101	,096	,155
Asymp. Sig. (2-tailed)		,010[c]	,014[c]	,023[c]	,000[c]

a. Test distribution is Normal.

b. Calculated from data.

c. Lilliefors Significance Correction.

Hasil Uji Homogenitas

Test of Homogeneity of Variances

		Levene Statistic	df1	df2	Sig.
Neck_Tilt	Based on Mean	2,025	2	97	,137
	Based on Median	1,037	2	97	,359
	Based on Median and with adjusted df	1,037	2	89,810	,359
	Based on trimmed mean	1,960	2	97	,146
Thoracic_Inlet	Based on Mean	,349	2	97	,706
	Based on Median	,067	2	97	,935
	Based on Median and with adjusted df	,067	2	86,939	,935
	Based on trimmed mean	,266	2	97	,767
T1_Slope	Based on Mean	,566	2	97	,569
	Based on Median	,486	2	97	,616
	Based on Median and with adjusted df	,486	2	94,779	,616
	Based on trimmed mean	,597	2	97	,552
Cobb_Angle	Based on Mean	,211	2	97	,810
	Based on Median	,119	2	97	,888
	Based on Median and with adjusted df	,119	2	79,488	,888
	Based on trimmed mean	,114	2	97	,893

Test of Homogeneity of Variances

		Levene Statistic	df1	df2	Sig.
Neck_Tilt	Based on Mean	1,685	3	96	,175
	Based on Median	1,336	3	96	,267
	Based on Median and with adjusted df	1,336	3	90,923	,268
	Based on trimmed mean	1,669	3	96	,179
Thoracic_Inlet	Based on Mean	,889	3	96	,450
	Based on Median	,868	3	96	,461
	Based on Median and with adjusted df	,868	3	90,563	,461
	Based on trimmed mean	,912	3	96	,438
T1_Slope	Based on Mean	,726	3	96	,539
	Based on Median	,709	3	96	,549
	Based on Median and with adjusted df	,709	3	91,828	,549
	Based on trimmed mean	,696	3	96	,557
Cobb_Angle	Based on Mean	1,283	3	96	,285
	Based on Median	1,168	3	96	,326
	Based on Median and with adjusted df	1,168	3	71,522	,328
	Based on trimmed mean	1,193	3	96	,316

Hasil Analisis Chi Square

MODIC * DERAJAT_NYERI Crosstabulation

			DERAJAT_NYERI			Total
			1,00	2,00	3,00	
MODIC	,00	Count	11	12	10	33
		% within MODIC	33,3%	36,4%	30,3%	100,0%
	1,00	Count	0	6	9	15
		% within MODIC	0,0%	40,0%	60,0%	100,0%
	2,00	Count	9	16	9	34
		% within MODIC	26,5%	47,1%	26,5%	100,0%
	3,00	Count	9	7	2	18
		% within MODIC	50,0%	38,9%	11,1%	100,0%
Total		Count	29	41	30	100

| | % within MODIC | 29,0% | 41,0% | 30,0% | 100,0% |

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	14,660[a]	6	,023
Likelihood Ratio	18,172	6	,006
Linear-by-Linear Association	2,394	1	,122
N of Valid Cases	100		

a. 2 cells (16,7%) have expected count less than 5. The minimum expected count is 4,35.

Hasil Uji ANOVA

Descriptives

		N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean Lower Bound	95% Confidence Interval for Mean Upper Bound	Minimum	Maximum
Neck_Tilt	1,00	29	52,5862	6,65753	1,23627	50,0538	55,1186	41,00	66,00
	2,00	41	53,1951	8,13087	1,26983	50,6287	55,7615	39,00	67,00
	3,00	30	51,5000	8,45169	1,54306	48,3441	54,6559	41,00	66,00
	Total	100	52,5100	7,78952	,77895	50,9644	54,0556	39,00	67,00
Thoracic_Inlet	1,00	29	73,3793	8,18716	1,52032	70,2651	76,4935	61,00	89,00
	2,00	41	74,4146	7,58280	1,18423	72,0212	76,8081	60,00	88,00
	3,00	30	70,5333	8,62927	1,57548	67,3111	73,7556	60,00	91,00
	Total	100	72,9500	8,16790	,81679	71,3293	74,5707	60,00	91,00
T1_Slope	1,00	29	24,0345	3,71755	,69033	22,6204	25,4486	11,00	29,00

		N	Mean	Std. Deviation	Std. Error	Lower Bound	Upper Bound	Minimum	Maximum
	2,00	41	24,6585	4,42498	,69107	23,2618	26,0552	17,00	36,00
	3,00	30	24,4333	3,83885	,70088	22,9999	25,8668	17,00	36,00
	Total	100	24,4100	4,02541	,40254	23,6113	25,2087	11,00	36,00
Cobb_Angle	1,00	29	15,5862	3,53065	,65563	14,2432	16,9292	10,00	24,00
	2,00	41	16,5610	4,99524	,78013	14,9843	18,1377	10,00	35,00
	3,00	30	15,7000	5,42122	,98978	13,6757	17,7243	11,00	38,00
	Total	100	16,0200	4,73538	,47354	15,0804	16,9596	10,00	38,00

ANOVA

		Sum of Squares	df	Mean Square	F	Sig.
Neck_Tilt	Between Groups	50,016	2	25,008	,407	,667
	Within Groups	5956,974	97	61,412		
	Total	6006,990	99			
Thoracic_Inlet	Between Groups	268,505	2	134,252	2,055	,134
	Within Groups	6336,245	97	65,322		
	Total	6604,750	99			
T1_Slope	Between Groups	6,638	2	3,319	,202	,818
	Within Groups	1597,552	97	16,470		
	Total	1604,190	99			
Cobb_Angle	Between Groups	20,528	2	10,264	,453	,637
	Within Groups	2199,432	97	22,675		
	Total	2219,960	99			

Descriptives

		N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean Lower Bound	Upper Bound	Minimum	Maximum
Neck_Tilt	,00	33	51,2727	7,43418	1,29412	48,6367	53,9088	40,00	66,00

	1,00	15	53,4667	8,38252	2,16436	48,8246	58,1088	43,00	66,00
	2,00	34	53,0588	8,56682	1,46920	50,0697	56,0479	39,00	67,00
	3,00	18	52,9444	6,66397	1,57071	49,6305	56,2584	43,00	65,00
	Total	100	52,5100	7,78952	,77895	50,9644	54,0556	39,00	67,00
Thoracic_Inlet	,00	33	71,1212	6,95412	1,21056	68,6554	73,5870	63,00	89,00
	1,00	15	73,6000	9,85466	2,54446	68,1427	79,0573	60,00	91,00
	2,00	34	73,6176	8,53163	1,46316	70,6408	76,5945	60,00	89,00
	3,00	18	74,5000	8,11861	1,91357	70,4627	78,5373	62,00	88,00
	Total	100	72,9500	8,16790	,81679	71,3293	74,5707	60,00	91,00
T1_Slope	,00	33	24,0909	3,52104	,61293	22,8424	25,3394	11,00	29,00
	1,00	15	24,4667	4,40562	1,13753	22,0269	26,9064	19,00	36,00
	2,00	34	24,2353	4,50628	,77282	22,6630	25,8076	17,00	36,00
	3,00	18	25,2778	3,81646	,89955	23,3799	27,1757	19,00	33,00
	Total	100	24,4100	4,02541	,40254	23,6113	25,2087	11,00	36,00
Cobb_Angle	,00	33	15,6364	4,52644	,78795	14,0314	17,2414	11,00	35,00
	1,00	15	16,7333	7,17602	1,85284	12,7594	20,7073	10,00	38,00
	2,00	34	15,8824	4,37461	,75024	14,3560	17,4087	10,00	28,00
	3,00	18	16,3889	3,39790	,80089	14,6992	18,0786	10,00	24,00
	Total	100	16,0200	4,73538	,47354	15,0804	16,9596	10,00	38,00

ANOVA

		Sum of Squares	df	Mean Square	F	Sig.
Neck_Tilt	Between Groups	77,884	3	25,961	,420	,739
	Within Groups	5929,106	96	61,762		
	Total	6006,990	99			
Thoracic_Inlet	Between Groups	175,105	3	58,368	,871	,459
	Within Groups	6429,645	96	66,975		
	Total	6604,750	99			
T1_Slope	Between Groups	18,001	3	6,000	,363	,780
	Within Groups	1586,189	96	16,523		
	Total	1604,190	99			
Cobb_Angle	Between Groups	15,583	3	5,194	,226	,878
	Within Groups	2204,377	96	22,962		
	Total	2219,960	99			

Hasil Uji Kruskal Wallis

Ranks

	DERAJAT_NYERI	N	Mean Rank
Neck_Tilt	1,00	29	51,91
	2,00	41	53,11
	3,00	30	45,57
	Total	100	
Thoracic_Inlet	1,00	29	52,19
	2,00	41	56,43
	3,00	30	40,77
	Total	100	
T1_Slope	1,00	29	49,97
	2,00	41	51,63
	3,00	30	49,47
	Total	100	
Cobb_Angle	1,00	29	51,36
	2,00	41	53,16
	3,00	30	46,03
	Total	100	

Test Statistics[a,b]

	Neck_Tilt	Thoracic_Inlet	T1_Slope	Cobb_Angle
Kruskal-Wallis H	1,270	5,197	,111	1,092
df	2	2	2	2
Asymp. Sig.	,530	,074	,946	,579

a. Kruskal Wallis Test

b. Grouping Variable: DERAJAT_NYERI

Ranks

	MODIC	N	Mean Rank
Neck_Tilt	,00	33	46,11
	1,00	15	53,83
	2,00	34	51,97
	3,00	18	53,00
	Total	100	
Thoracic_Inlet	,00	33	44,03
	1,00	15	52,13
	2,00	34	53,10
	3,00	18	56,08
	Total	100	
T1_Slope	,00	33	50,12
	1,00	15	48,53
	2,00	34	48,53
	3,00	18	56,56
	Total	100	
Cobb_Angle	,00	33	48,48
	1,00	15	49,37
	2,00	34	49,13
	3,00	18	57,72
	Total	100	

Test Statistics[a,b]

	Neck_Tilt	Thoracic_Inlet	T1_Slope	Cobb_Angle
Kruskal-Wallis H	1,178	2,635	1,024	1,387
df	3	3	3	3
Asymp. Sig.	,758	,451	,795	,709

a. Kruskal Wallis Test

b. Grouping Variable: MODIC

LAMPIRAN 3

KEMENTERIAN PENDIDIKAN DAN KEBUDAYAAN
FAKULTAS KEDOKTERAN UNIVERSITAS HASANUDDIN
KOMITE ETIK PENELITIAN KESEHATAN
Sekretariat : Lantai 2 Gedung Laboratorium Terpadu
JL.PERINTIS KEMERDEKAAN KAMPUS TAMALANREA KM.10, Makassar. Telp.0411-5780103, Fax (0411) 581431.
Contact person **dr. Agussalim Bukhari,M.Med,PhD,Sp.GK** (HP. 081241850858), email: agussalimbukhari@ yahoo.com.

FORMULIR PERSETUJUAN SETELAH PENJELASAN
(INFORMED CONSENT)

Saya, Bernard Johan, bermaksud untuk melakukan penelitian **"HUBUNGAN CERVICAL SAGITTAL PARAMETERS DAN PERUBAHAN MODIC BERDASARKAN MRI DENGAN DERAJAT NYERI LEHER BERDASARKAN NECK PAIN TASK FORCE"**

Tujuan dan manfaat dari penelitian ini adalah mengetahui hubungan cervical sagittal parameters dan perubahan modic menggunakan MRI dengan derajat nyeri leher berdasarkan Neck Pain Task Force dan bermanfaat untuk memberikan informasi ilmiah tentang hubungan cervical sagittal parameters dan perubahan modic dengan klasifikasi nyeri leher menurut Neck Pain Task Force. Hasil penelitian ini diharapkan dapat menjadi acuan yang bermanfaat untuk pengembangan penelitian lebih lanjut.

Pada penelitian ini, peneliti akan melakukan pengukuran parameter cervical sagittal dan penilaian Modic dari hasil MRI Cervical pada PACS serta peneliti meminta pasien mengisi kuesioner untuk menentukan derajat nyeri leher. Subjek penelitian adalah pasien dengan diagnosa nyeri leher yang dilakukan pemeriksaan MRI Cervical.

Perkiraan waktu penelitian yang diperlukan untuk satu subjek yaitu untuk pemeriksaan MRI Cervical sekitar 30-40 menit dan untuk wawancara/pengisian kuesioner sekitar 5-10 menit.

Pemeriksaan MRI Cervical tergolong prosedur yang relatif aman tetapi tetap beresiko dapat menimbulkan efek samping seperti kebisingan yang dihasilkan dari mesin MRI yang dapat mencapai 120 db. Juga pasien dapat merasakan sensasi berkedut yang muncul dari proses di dalam MRI. Oleh karena itu pasien akan diberikan alat penyumbat telinga atau headset sebelum masuk ke mesin MRI. Adapun prosedur yang harus dilakukan sebelum pemeriksaan MRI yaitu pasien harus melepas semua benda logam yang menempel pada tubuh, ponsel dan benda elektronik lainnya karena pemeriksaan MRI menggunakan medan magnet yang kuat sehingga dapat mempengaruhi benda apapun yang terbuat dari logam di sekitarnya.

Penelitian ini tidak memiliki risiko & bahaya signifikan serta tidak menunda pemberian obat/terapi kepada pasien. Penelitian ini bersifat sukarela dan tidak dipungut biaya apa pun dan tidak ada pemberian kompensasi.

Jika ada hal yang ingin ditanyakan mengenai penelitian ini dapat menghubungi penelitian dengan alamat dan nomor kontak di bawah ini atau menghubungi Komisi etik Penelitian Kesehatan Fakultas Kedokteran Universitas Hasanuddin An. Ibu Rahayu Iriani no HP. 081343825297 atau dr. Agussalim Bukhari, M.Med, Ph.D, Sp.GK (K) No.

HP. 081225704670 Alamat: Jl. Perintis Kemerdekaan KM 10 Tamalanrea

90245, Makassar.

Identitas peneliti **: dr. Bernard Johan**
Alamat **: Jalan Gunung Merapi No. 142**
Telepon **: 082190909898**

KEMENTERIAN PENDIDIKAN DAN KEBUDAYAAN
FAKULTAS KEDOKTERAN UNIVERSITAS HASANUDDIN
KOMITE ETIK PENELITIAN KESEHATAN
Sekretariat : Lantai 2 Gedung Laboratorium Terpadu
JL.PERINTIS KEMERDEKAAN KAMPUS TAMALANREA KM.10, Makassar. Telp.0411-5780103, Fax (0411) 581431.
Contact person **dr. Agussalim Bukhari,M.Med,PhD,Sp.GK** (HP. 081241850858), email: agussalimbukhari@ yahoo.com.

FORMULIR PERSETUJUAN SETELAH PENJELASAN
(INFORMED CONSENT)

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 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 :

Identitas peneliti : dr. Bernard Johan
Alamat : Jalan Gunung Merapi No. 142
Telepon : 082190909898

LAMPIRAN 4

KEMENTERIAN PENDIDIKAN, KEBUDAYAAN, RISET DAN TEKNOLOGI
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

REKOMENDASI PERSETUJUAN ETIK
Nomor : 89/UN4.6.4.5.31/ PP36/ 2022

Tanggal: 24 Pebruari 2022

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

No Protokol	UH22020058	No Sponsor Protokol	
Peneliti Utama	**dr. Bernard Johan**	Sponsor	
Judul Peneliti	HUBUNGAN CERVICAL SAGITTAL PARAMETERS DAN PERUBAHAN MODIC BERDASARKAN MRI DENGAN DERAJAT NYERI LEHER BERDASARKAN NECK PAIN TASK FORCE		
No Versi Protokol	**2**	Tanggal Versi	**15 Pebruari 2022**
No Versi PSP	**2**	Tanggal Versi	**15 Pebruari 2022**
Tempat Penelitian	RS Dr. Wahidin Sudirohusodo Makassar		
Jenis Review	☐ Exempted ☒ Expedited ☐ Fullboard Tanggal	Masa Berlaku 24 Pebruari 2022 sampai 24 Pebruari 2023	Frekuensi review lanjutan
Ketua KEPK FKUH RSUH dan RSWS	Nama **Prof.Dr.dr. Suryani As'ad, M.Sc.,Sp.GK (K)**	Tanda tangan	
Sekretaris KEPK FKUH RSUH dan RSWS	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 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 5

CURRICULUM VITAE

A. Data Pribadi

Nama   : dr. Bernard Johan Tempat/Tanggal

Lahir   : Makassar, 30, Agustus 1988

Alamat   : Jalan Gunung Merapi no 142,

                                              Makassar

Agama   : Katolik

B. Riwayat Pendidikan

- SD   : SD Menara St. Martinus Makassar, lulus tahun 1997
- SMP   : SMP Katolik Rajawali Makassar, lulus tahun 2003
- SMA   : SMA Katolik Rajawali Makassar, lulus tahun 2006
- Strata-1 (Pendidikan Dokter) : Fakultas Kedokteran Universitas Hasanuddin, Makassar, angkatan 2006, lulus tahun 2011
- Program Pendidikan Dokter Spesialis-1 :Departemen Radiologi Fakultas Kedokteran Universitas Hasanuddin, Makassar, Periode Januari 2018

C. Riwayat Pekerjaan

- Dokter PTT di Puskesmas Katobengke, Kota Bau-bau, Sulawesi Tenggara tahun 2013-2016

- Dokter Umum di Klinik Kimia Farma Ratulangi, Makassar, tahun 2016-2018

D. Riwayat Keluarga

- Ayah : Ir. Frengky Johan
- Ibu : Anna Johan

- Saudara Kandung : Siska Johan, SH dan Freddy Johan, ST
- Istri : dr. Steffy Rebecca Gosal
- Anak : Seira Vania dan Brixton Martin

E. KaryaIlmiah/Artikel yang telah dipublikasikan

-

F. Makalah pada Seminar/KonferensiIlmiah Nasional dan Internasional

- *Serial Case of Double Outlet Right Ventricle* *dibawakan pada acara PIT PDSRKI 26 Februrari 2021*