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LAMPIRAN I.

KEMENTERIAN PENDIDIKAN, KEBUDAYAAN, RISET DAN TEKNOLOGI
UNIVERSITAS HASANUDDIN FAKULTAS KEDOKTERAN
KOMITE ETIK PENELITIAN UNIVERSITAS HASANUDDIN
RSPTN UNIVERSITAS HASANUDDIN
RSUP Dr. WAHIDIN SUDIROHUSODO MAKASSAR
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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 : 155/UN4.6.4.5.31/ PP36/ 2024

Tanggal: 13 Maret 2024

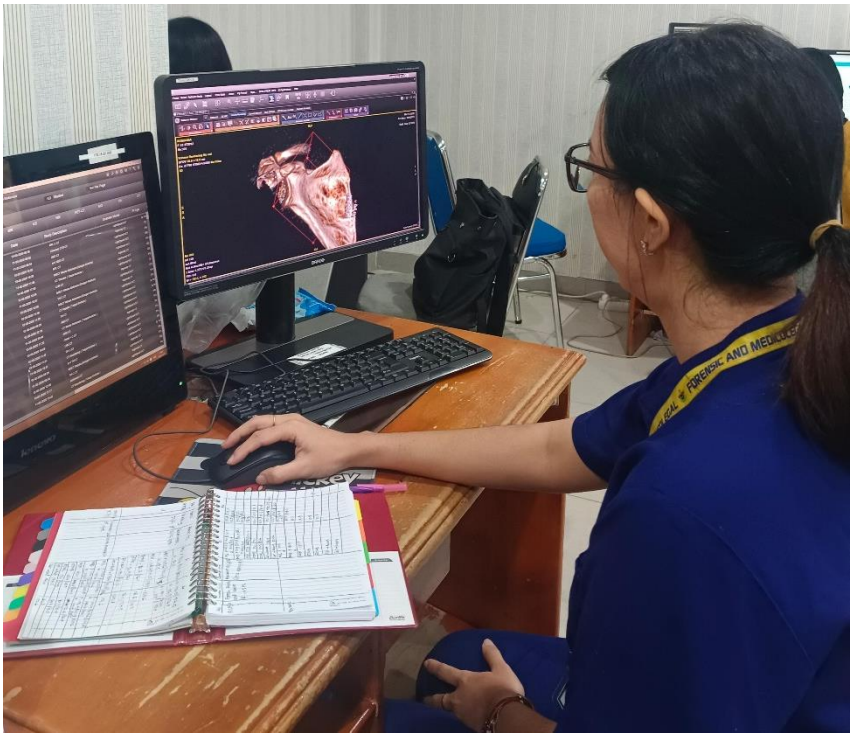
Dengan ini Menyatakan bahwa Protokol dan Dokumen yang Berhubungan Dengan Protokol berikut ini telah mendapatkan Persetujuan Etik :

No Protokol	UH24020072	No Sponsor	
Peneliti Utama	**dr. Yosephine Siahaan**	Sponsor	
Judul Peneliti	ANALISIS MORFOMETRIK TULANG SKAPULA ORANG DEWASA DALAM PENENTUAN JENIS KELAMIN BERDASARKAN GAMBARAN MULTISLICE COMPUTERIZED TOMOGRAPHY 3-DIMENSIONAL (MSCT SCAN 3D)		
No Versi Protokol	**1**	Tanggal Versi	**2 Februari 2024**
No Versi PSP		Tanggal Versi	
Tempat Penelitian	RSUP Dr. Wahidin Sudirohusodo Makassar		
Jenis Review	[ ] Exempted [X] Expedited [ ] Fullboard Tanggal	Masa Berlaku **13 Maret 2024** sampai **13 Maret 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 II.



LAMPIRAN III.

Simetris Asimetris

Laki – laki

One-Sample Kolmogorov-Smirnov Test

			R_MSH	R_MSB	R_MLS	R_LGC	R_BGC	R_ISLS
N			220	220	220	220	220	220
Normal Parameters[a,b]	Mean		148.6955	104.7877	137.1182	36.1843	26.5968	102.0864
	Std. Deviation		7.37338	4.13564	5.28972	2.51073	2.18039	7.18382
Most Extreme Differences	Absolute		0.082	0.075	0.056	0.051	0.058	0.085
	Positive		0.082	0.075	0.056	0.051	0.058	0.044
	Negative		-0.049	-0.041	-0.044	-0.037	-0.037	-0.085
Test Statistic			0.082	0.075	0.056	0.051	0.058	0.085
Asymp. Sig. (2-tailed)[c]			0.001	0.005	0.085	.200[e]	0.066	0.001
Monte Carlo Sig. (2-tailed)[d]	Sig.		0.001	0.005	0.087	0.178	0.067	0.001
	99% Confidence Interval	Lower Bound	0.000	0.003	0.080	0.168	0.061	0.000
		Upper Bound	0.002	0.006	0.095	0.188	0.074	0.001

a. Test distribution is Normal.

b. Calculated from data.

c. Lilliefors Significance Correction.

d. Lilliefors' method based on 10000 Monte Carlo samples with starting seed 92208573.

e. This is a lower bound of the true significance.

Hypothesis Test Summary

	Null Hypothesis	Test	Sig.[a,b]	Decision
1	The distribution of R_MSH is the same across categories of Side.	Independent-Samples Mann-Whitney U Test	.708	Retain the null hypothesis.
2	The distribution of R_MSB is the same across categories of Side.	Independent-Samples Mann-Whitney U Test	.791	Retain the null hypothesis.
3	The distribution of R_ISLS is the same across categories of Side.	Independent-Samples Mann-Whitney U Test	.424	Retain the null hypothesis.

a. The significance level is .050.

b. Asymptotic significance is displayed.

Group Statistics

	Side	N	Mean	Std. Deviation	Std. Error Mean
R_MLS	Left	110	137.0500	5.33444	.50862
	Right	110	137.1864	5.26814	.50230
R_LGC	Left	110	35.7882	2.47489	.23597
	Right	110	36.5805	2.49471	.23786
R_BGC	Left	110	26.2064	2.10152	.20037
	Right	110	26.9873	2.19721	.20950

Independent Samples Test

		Levene's Test for Equality of Variances		t-test for Equality of Means						
									95% Confidence Interval of the Difference	
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	Lower	Upper
R_MLS	Equal variances assumed	0.022	0.882	-0.191	218	0.849	-0.13636	0.71484	-1.54525	1.27252
	Equal variances not assumed			-0.191	217.966	0.849	-0.13636	0.71484	-1.54525	1.27252
R_LGC	Equal variances assumed	0.018	0.892	-2.365	218	0.019	-0.79227	0.33505	-1.45263	-0.13191
	Equal variances not assumed			-2.365	217.986	0.019	-0.79227	0.33505	-1.45263	-0.13191
R_BGC	Equal variances assumed	0.090	0.764	-2.694	218	0.008	-0.78091	0.28989	-1.35226	-0.20956
	Equal variances not assumed			-2.694	217.569	0.008	-0.78091	0.28989	-1.35227	-0.20955

One-Sample Kolmogorov-Smirnov Test

			R_MSH	R_MSB	R_MLS	R_LGC	R_BGC	R_ISLS
N			224	224	224	224	224	224
Normal Parameters[a,b]	Mean		127.4241	91.5228	120.6174	30.8205	21.6821	85.7254
	Std. Deviation		6.40475	3.76222	5.09430	1.94649	1.48165	5.16528
Most Extreme Differences	Absolute		0.047	0.042	0.070	0.072	0.080	0.062
	Positive		0.031	0.031	0.070	0.072	0.080	0.062
	Negative		-0.047	-0.042	-0.066	-0.039	-0.045	-0.051
Test Statistic			0.047	0.042	0.070	0.072	0.080	0.062
Asymp. Sig. (2-tailed)[c]			.200[d]	.200[d]	0.010	0.006	0.001	0.035
Monte Carlo Sig. (2-tailed)[e]	Sig.		0.265	0.428	0.010	0.007	0.002	0.035
	99% Confidence Interval	Lower Bound	0.253	0.416	0.007	0.005	0.001	0.030
		Upper Bound	0.276	0.441	0.012	0.009	0.003	0.039

a. Test distribution is Normal.

b. Calculated from data.

c. Lilliefors Significance Correction.

d. This is a lower bound of the true significance.

e. Lilliefors' method based on 10000 Monte Carlo samples with starting seed 562334227.

Perempuan

Hypothesis Test Summary

	Null Hypothesis	Test	Sig.[a,b]	Decision
1	The distribution of R_MLS is the same across categories of Side.	Independent-Samples Mann-Whitney U Test	.620	Retain the null hypothesis.
2	The distribution of R_LGC is the same across categories of Side.	Independent-Samples Mann-Whitney U Test	.001	Reject the null hypothesis.
3	The distribution of R_BGC is the same across categories of Side.	Independent-Samples Mann-Whitney U Test	.001	Reject the null hypothesis.
4	The distribution of R_ISLS is the same across categories of Side.	Independent-Samples Mann-Whitney U Test	.598	Retain the null hypothesis.

a. The significance level is .050.

b. Asymptotic significance is displayed.

Group Statistics

	Side	N	Mean	Std. Deviation	Std. Error Mean
R_MSH	Left	112	127.1759	6.40324	.60505
	Right	112	127.6723	6.42537	.60714
R_MSB	Left	112	91.3813	3.74773	.35413
	Right	112	91.6643	3.78817	.35795

Independent Samples Test

		Levene's Test for Equality of Variances		t-test for Equality of Means						
									95% Confidence Interval of the Difference	
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	Lower	Upper
R_MSH	Equal variances assumed	0.014	0.908	-0.579	222	0.563	-0.49643	0.85715	-2.18562	1.19276
	Equal variances not assumed			-0.579	221.997	0.563	-0.49643	0.85715	-2.18562	1.19276
R_MSB	Equal variances assumed	0.004	0.949	-0.562	222	0.575	-0.28304	0.50352	-1.27533	0.70926
	Equal variances not assumed			-0.562	221.974	0.575	-0.28304	0.50352	-1.27533	0.70926

Morfometrik dengan Jenis Kelamin

Side Right

One-Sample Kolmogorov-Smirnov Test

			R_MSH	R_MSB	R_MLS	R_LGC	R_BGC	R_ISLS
N			222	222	222	222	222	222
Normal Parameters[a,b]	Mean		138.1865	98.1198	128.8928	33.8750	24.4667	93.6689
	Std. Deviation		12.71170	7.60464	9.74317	3.48094	3.11917	10.29271
Most Extreme Differences	Absolute		0.079	0.075	0.100	0.072	0.098	0.073
	Positive		0.079	0.075	0.100	0.072	0.098	0.073
	Negative		-0.047	-0.070	-0.087	-0.053	-0.058	-0.059
Test Statistic			0.079	0.075	0.100	0.072	0.098	0.073
Asymp. Sig. (2-tailed)[c]			0.002	0.004	0.000	0.007	0.000	0.006
Monte Carlo Sig. (2-tailed)[d]	Sig.		0.002	0.004	0.000	0.007	0.000	0.007
		Lower Bound	0.001	0.003	0.000	0.005	0.000	0.005

	99% Confidence Interval	Upper Bound	0.003	0.006	0.000	0.009	0.000	0.009

a. Test distribution is Normal.

b. Calculated from data.

c. Lilliefors Significance Correction.

d. Lilliefors' method based on 10000 Monte Carlo samples with starting seed 2000000.

Hypothesis Test Summary

	Null Hypothesis	Test	Sig.[a,b]	Decision
1	The distribution of R_MSH is the same across categories of Sex.	Independent-Samples Mann-Whitney U Test	.000	Reject the null hypothesis.
2	The distribution of R_MSB is the same across categories of Sex.	Independent-Samples Mann-Whitney U Test	.000	Reject the null hypothesis.
3	The distribution of R_MLS is the same across categories of Sex.	Independent-Samples Mann-Whitney U Test	.000	Reject the null hypothesis.
4	The distribution of R_LGC is the same across categories of Sex.	Independent-Samples Mann-Whitney U Test	.000	Reject the null hypothesis.
5	The distribution of R_BGC is the same across categories of Sex.	Independent-Samples Mann-Whitney U Test	.000	Reject the null hypothesis.
6	The distribution of R_ISLS is the same across categories of Sex.	Independent-Samples Mann-Whitney U Test	.000	Reject the null hypothesis.

a. The significance level is .050.

b. Asymptotic significance is displayed.

Side Left

One-Sample Kolmogorov-Smirnov Test

			L_MSH	L_MSB	L_MLS	L_LGC	L_BGC	L_ISLS
N			222	222	222	222	222	222
Normal Parameters[a,b]	Mean		137.7414	98.0712	128.6941	33.0815	23.7680	93.9955
	Std. Deviation		12.68150	7.85939	9.78305	3.47645	3.01373	10.32002
Most Extreme Differences	Absolute		0.077	0.089	0.102	0.089	0.101	0.081
	Positive		0.077	0.089	0.102	0.089	0.101	0.081
	Negative		-0.045	-0.073	-0.082	-0.060	-0.062	-0.073
Test Statistic			0.077	0.089	0.102	0.089	0.101	0.081
Asymp. Sig. (2-tailed)[c]			0.003	0.000	0.000	0.000	0.000	0.001
Monte Carlo Sig. (2-tailed)[d]	Sig.		0.002	0.000	0.000	0.000	0.000	0.001
	99% Confidence Interval	Lower Bound	0.001	0.000	0.000	0.000	0.000	0.000
		Upper Bound	0.004	0.000	0.000	0.000	0.000	0.002

a. Test distribution is Normal.

b. Calculated from data.

c. Lilliefors Significance Correction.

d. Lilliefors' method based on 10000 Monte Carlo samples with starting seed 1502173562.

Hypothesis Test Summary

	Null Hypothesis	Test	Sig.[a,b]	Decision
1	The distribution of L_MSH is the same across categories of Sex.	Independent-Samples Mann-Whitney U Test	.000	Reject the null hypothesis.
2	The distribution of L_MSB is the same across categories of Sex.	Independent-Samples Mann-Whitney U Test	.000	Reject the null hypothesis.
3	The distribution of L_MLS is the same across categories of Sex.	Independent-Samples Mann-Whitney U Test	.000	Reject the null hypothesis.
4	The distribution of L_LGC is the same across categories of Sex.	Independent-Samples Mann-Whitney U Test	.000	Reject the null hypothesis.
5	The distribution of L_BGC is the same across categories of Sex.	Independent-Samples Mann-Whitney U Test	.000	Reject the null hypothesis.
6	The distribution of L_ISLS is the same across categories of Sex.	Independent-Samples Mann-Whitney U Test	.000	Reject the null hypothesis.

a. The significance level is .050.

b. Asymptotic significance is displayed.

Regresi Logistik

Classification Table[a]

			Predicted		
			Sex		Percentage
	Observed		Female	Male	Correct
Step 1	Sex	Female	110	2	98.2
		Male	1	109	99.1
	Overall Percentage				98.6

a. The cut value is .500

Variables in the Equation

								95% C.I.for EXP(B)	
		B	S.E.	Wald	df	Sig.	Exp(B)	Lower	Upper
Step 1[a]	R_MSH	4.434	1.545	8.240	1	.004	84.301	4.082	1740.877
	R_MSB	3.881	1.893	4.203	1	.040	48.456	1.186	1979.765

	R_MLS	1.904	2.167	.771	1	.380	6.710	.096	469.340
	R_LGC	.446	2.364	.036	1	.850	1.562	.015	160.776
	R_BGC	.930	1.585	.344	1	.557	2.534	.113	56.594
	R_ISLS	-.076	1.543	.002	1	.961	.927	.045	19.054
	Constant	-5.609	1.271	19.478	1	.000	.004		

a. Variable(s) entered on step 1: R_MSH, R_MSB, R_MLS, R_LGC, R_BGC, R_ISLS.

Side Right

Hosmer and Lemeshow Test

Step	Chi-square	df	Sig.
1	2.325	3	.508

Side Left

Hosmer and Lemeshow Test

Step	Chi-square	df	Sig.
1	5.620	3	.132

Contingency Table for Hosmer and Lemeshow Test

		Sex = Female		Sex = Male		
		Observed	Expected	Observed	Expected	Total
Step 1	1	84	84.853	1	.147	85
	2	22	21.455	0	.545	22
	3	6	5.625	16	16.375	22
	4	0	.007	7	6.993	7
	5	0	.060	86	85.940	86

Variables in the Equation

								95% C.I.for EXP(B)	
		B	S.E.	Wald	df	Sig.	Exp(B)	Lower	Upper
Step 1[a]	L_MSH	4.088	1.859	4.836	1	.028	59.639	1.560	2279.884
	L_MSB	4.614	1.645	7.866	1	.005	100.872	4.013	2535.582
	L_MLS	.418	1.620	.067	1	.796	1.519	.064	36.327
	L_LGC	.356	1.747	.041	1	.839	1.427	.046	43.831
	L_BGC	3.232	1.892	2.918	1	.088	25.326	.621	1032.918
	L_ISLS	.924	1.786	.267	1	.605	2.518	.076	83.410
	Constant	-6.359	1.460	18.980	1	.000	.002		

a. Variable(s) entered on step 1: L_MSH, L_MSB, L_MLS, L_LGC, L_BGC, L_ISLS.