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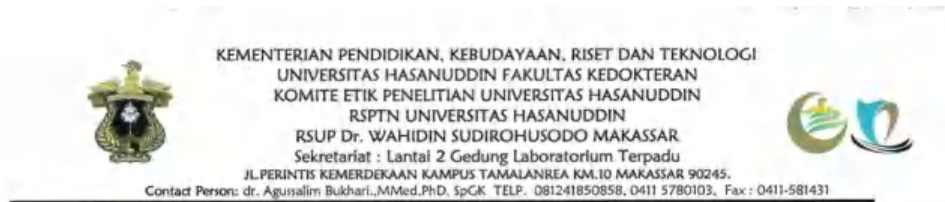


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Lampiran

Lampiran 1. *Ethical Clearance*



REKOMENDASI PERSETUJUAN ETIK

Nomor : 234/UN4.6.4.5.31/ PP36/ 2024

Tanggal: 4 April 2024

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

No Protokol	UH24030196	No Sponsor	
Peneliti Utama	dr. Resty Dwi Umiati	Sponsor	
Judul Peneliti	HUBUNGAN ANTARA KADAR FERRITIN SERUM DENGAN NILAI R2* PANKREAS MENGGUNAKAN MRI 3T PADA PASIEN ANAK DENGAN THALASSEMIA β		
No Versi Protokol	1	Tanggal Versi	25 Maret 2024
No Versi PSP		Tanggal Versi	
Tempat Penelitian	RSUP Dr. Wahidin Sudirohusodo Makassar		
Jenis Review	☐ Exempted ☒ Expedited ☐ Fullboard Tanggal	Masa Berlaku 4 April 2024 sampai 4 April 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 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 protokol yang disetujui (protocol deviation / violation)
- Mematuhi semua peraturan yang ditentukan



Lampiran 2. Data Statistik Penelitian

Uji Deskriptif Statistics

Usia

N	Valid	33
	Missing	0

JenisKelamin

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid Laki-laki	15	45.5	45.5	45.5
Perempuan	18	54.5	54.5	100.0
Total	33	100.0	100.0	

Usia

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid < 5 tahun	6	18.2	18.2	18.2
5-10 tahun	15	45.5	45.5	63.6
10-18 tahun	12	36.4	36.4	100.0
Total	33	100.0	100.0	

LamaTransfusi

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid < 5 tahun	16	48.5	48.5	48.5
> 5 tahun	17	51.5	51.5	100.0
Total	33	100.0	100.0	

Case Processing Summary

		Cases					
		Valid		Missing		Total	
JenisKelamin		N	Percent	N	Percent	N	Percent
KadarFerritin	Laki-laki	15	100.0%	0	0.0%	15	100.0%
	Perempuan	18	100.0%	0	0.0%	18	100.0%

Descriptives

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🔗

Descriptive				Statistic	Std. Error
KadarFerritin	JenisKelamin Laki-laki	Mean		3232.2793	837.19559
		95% Confidence Interval for Mean	Lower Bound	1436.6734	
			Upper Bound	5027.8853	
		5% Trimmed Mean		3028.9959	
		Median		1607.0000	
		Variance		10513446.962	
		Std. Deviation		3242.44460	
		Minimum		399.50	
		Maximum		9724.16	



	Perempuan	Range		9324.66	
		Interquartile Range		4061.50	
		Skewness		1.108	.580
		Kurtosis		-.108	1.121
		Mean		2051.1306	411.43927
		95% Confidence Interval for Mean	Lower Bound	1183.0696	
			Upper Bound	2919.1915	
		5% Trimmed Mean		1893.2634	
		Median		1741.8200	
		Variance		3047080.891	
		Std. Deviation		1745.58898	
		Minimum		310.80	
		Maximum		6633.07	
		Range		6322.27	
		Interquartile Range		1927.15	
		Skewness		1.632	.536
		Kurtosis		2.534	1.038

Tests of Normality

JenisKelamin		Kolmogorov-Smirnov ^a			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
KadarFerritin	Laki-laki	.251	15	.012	.808	15	.005
	Perempuan	.206	18	.041	.815	18	.002

a. Lilliefors Significance Correction

Case Processing Summary

Usia		Cases					
		Valid		Missing		Total	
		N	Percent	N	Percent	N	Percent
KadarFerritin	< 5 tahun	6	100.0%	0	0.0%	6	100.0%
	5-10 tahun	15	100.0%	0	0.0%	15	100.0%
	10-18 tahun	12	100.0%	0	0.0%	12	100.0%

Descriptives

Usia		Statistic		Std. Error	
KadarFerritin	< 5 tahun	Mean		1710.3417	586.59771
		95% Confidence Interval for Mean	Lower Bound	202.4443	
			Upper Bound	3218.2391	
		5% Trimmed Mean		1636.3574	
		Median		1209.2850	
		Variance		2064581.218	
		Std. Deviation		1436.86507	
		Minimum		555.30	
		Maximum		4197.10	
		Range		3641.80	
Interquartile Range		2274.64			



5-10 tahun	Skewness		1.200	.845
	Kurtosis		.788	1.741
	Mean		2625.3120	700.22212
	95% Confidence Interval for Mean	Lower Bound	1123.4849	
		Upper Bound	4127.1391	
	5% Trimmed Mean		2357.1267	
	Median		1607.0000	
	Variance		7354665.198	
	Std. Deviation		2711.94860	
	Minimum		353.80	
	Maximum		9724.16	
	Range		9370.36	
	Interquartile Range		2249.75	
	Skewness		1.680	.580
	Kurtosis		2.327	1.121
10-18 tahun	Mean		2980.2342	828.59049
	95% Confidence Interval for Mean	Lower Bound	1156.5188	
		Upper Bound	4803.9495	
	5% Trimmed Mean		2784.7046	
	Median		1770.7550	
	Variance		8238746.426	
	Std. Deviation		2870.32166	
	Minimum		310.80	
	Maximum		9169.20	
	Range		8858.40	
	Interquartile Range		3496.91	
	Skewness		1.317	.637
	Kurtosis		.786	1.232

Tests of Normality

Usia	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
KadarFerritin < 5 tahun	.267	6	.200*	.842	6	.136
5-10 tahun	.263	15	.006	.781	15	.002
10-18 tahun	.241	12	.052	.831	12	.021

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

a. Lilliefors Significance Correction

Case Processing Summary

		Cases					
		Valid		Missing		Total	
		N	Percent	N	Percent	N	Percent
LamaTransfusi	< 5 tahun	16	100.0%	0	0.0%	16	100.0%
	> 5 tahun	17	100.0%	0	0.0%	17	100.0%

Descriptives

LamaTransfusi	Statistic	Std. Error
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KadarFerritin	< 5 tahun	Mean		2223.0506	563.02647
		95% Confidence Interval for Mean	Lower Bound	1022.9881	
			Upper Bound	3423.1131	
		5% Trimmed Mean		1898.9751	
		Median		1680.6650	
		Variance		5071980.820	
		Std. Deviation		2252.10586	
		Minimum		555.30	
		Maximum		9724.16	
		Range		9168.86	
		Interquartile Range		2042.32	
		Skewness		2.725	.564
		Kurtosis		8.741	1.091
	> 5 tahun	Mean		2931.5135	691.82846
		95% Confidence Interval for Mean	Lower Bound	1464.9027	
			Upper Bound	4398.1244	
		5% Trimmed Mean		2730.5706	
		Median		1729.3100	
		Variance		8136652.601	
		Std. Deviation		2852.48183	
		Minimum		310.80	
		Maximum		9169.20	
		Range		8858.40	
		Interquartile Range		4639.08	
		Skewness		1.014	.550
		Kurtosis		-.226	1.063

Tests of Normality

LamaTransfusi		Kolmogorov-Smirnov ^a			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
KadarFerritin	< 5 tahun	.260	16	.005	.685	16	.000
	> 5 tahun	.241	17	.010	.842	17	.008

a. Lilliefors Significance Correction

Case Processing Summary

		Cases					
		Valid		Missing		Total	
		N	Percent	N	Percent	N	Percent
NilaiR2pankreas	Laki-laki	15	100.0%	0	0.0%	15	100.0%
	Perempuan	18	100.0%	0	0.0%	18	100.0%

Descriptives

		JenisKelamin		Statistic	Std. Error
pankreas	Laki-laki	Mean		240.5333	83.29910
		95% Confidence Interval for Mean	Lower Bound	61.8745	
			Upper Bound	419.1921	



Perempuan	5% Trimmed Mean		215.1667	
	Median		72.3333	
	Variance		104081.092	
	Std. Deviation		322.61601	
	Minimum		42.33	
	Maximum		895.33	
	Range		853.00	
	Interquartile Range		135.00	
	Skewness		1.605	.580
	Kurtosis		.799	1.121
	Mean		86.2222	15.15646
	95% Confidence Interval for Mean	Lower Bound	54.2449	
		Upper Bound	118.1996	
	5% Trimmed Mean		79.5247	
	Median		64.5000	
	Variance		4134.928	
	Std. Deviation		64.30341	
	Minimum		.00	
	Maximum		293.00	
	Range		293.00	
	Interquartile Range		34.67	
	Skewness		2.120	.536
	Kurtosis		5.916	1.038

Tests of Normality

JenisKelamin	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
NilaiR2pankreas Laki-laki	.360	15	.000	.603	15	.000
Perempuan	.279	18	.001	.779	18	.001

a. Lilliefors Significance Correction

Case Processing Summary

Usia	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
NilaiR2pankreas < 5 tahun	6	100.0%	0	0.0%	6	100.0%
5-10 tahun	15	100.0%	0	0.0%	15	100.0%
10-18 tahun	12	100.0%	0	0.0%	12	100.0%

Descriptives

Usia			Statistic	Std. Error
pankreas	< 5 tahun	Mean	65.2778	4.69785
		95% Confidence Interval for Mean	53.2016	
		Lower Bound	77.3540	
		Upper Bound		
		5% Trimmed Mean	64.9938	
		Median	63.5000	



				Variance	132.419	
				Std. Deviation	11.50732	
				Minimum	53.33	
				Maximum	82.33	
				Range	29.00	
				Interquartile Range	23.00	
				Skewness	.537	.845
				Kurtosis	-1.056	1.741
	5-10 tahun			Mean	152.1556	56.36534
				95% Confidence Interval for Mean	Lower Bound 31.2639	
					Upper Bound 273.0472	
				5% Trimmed Mean	119.3210	
				Median	68.0000	
				Variance	47655.776	
				Std. Deviation	218.30203	
				Minimum	.00	
				Maximum	895.33	
				Range	895.33	
				Interquartile Range	94.33	
				Skewness	3.197	.580
				Kurtosis	11.065	1.121
	10-18 tahun			Mean	207.1667	85.87315
				95% Confidence Interval for Mean	Lower Bound 18.1611	
					Upper Bound 396.1722	
				5% Trimmed Mean	180.3889	
				Median	73.1667	
				Variance	88490.374	
				Std. Deviation	297.47332	
				Minimum	35.67	
				Maximum	860.67	
				Range	825.00	
				Interquartile Range	108.75	
				Skewness	1.981	.637
				Kurtosis	2.460	1.232

Tests of Normality

Usia	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
NilaiR2pankreas						
< 5 tahun	.211	6	.200*	.916	6	.478
5-10 tahun	.291	15	.001	.561	15	.000
10-18 tahun	.362	12	.000	.577	12	.000

a. lower bound of the true significance.
*. Sig. Significance Correction



Case Processing Summary

LamaTransfusi	Cases
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		Valid		Missing		Total	
		N	Percent	N	Percent	N	Percent
NilaiR2pankreas	< 5 tahun	16	100.0%	0	0.0%	16	100.0%
	> 5 tahun	17	100.0%	0	0.0%	17	100.0%

Descriptives

LamaTransfusi			Statistic	Std. Error
NilaiR2pankreas	< 5 tahun	Mean	129.1250	53.27056
		95% Confidence Interval for Mean	15.5815	
		Lower Bound	242.6685	
		Upper Bound		
		5% Trimmed Mean	93.7315	
		Median	66.8333	
		Variance	45404.043	
		Std. Deviation	213.08224	
		Minimum	.00	
		Maximum	895.33	
		Range	895.33	
		Interquartile Range	19.00	
		Skewness	3.535	.564
		Kurtosis	13.007	1.091
	> 5 tahun	Mean	182.0000	61.18166
		95% Confidence Interval for Mean	52.3007	
		Lower Bound	311.6993	
		Upper Bound		
		5% Trimmed Mean	152.4259	
		Median	77.6667	
		Variance	63634.333	
		Std. Deviation	252.25847	
		Minimum	35.67	
		Maximum	860.67	
		Range	825.00	
		Interquartile Range	109.67	
		Skewness	2.413	.550
		Kurtosis	4.780	1.063

Tests of Normality

LamaTransfusi		Kolmogorov-Smirnov ^a			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
NilaiR2pankreas	< 5 tahun	.455	16	.000	.439	16	.000
	> 5 tahun	.354	17	.000	.565	17	.000

a. Lilliefors Significance Correction



Ranks

		N	Mean Rank	Sum of Ranks
JenisKelamin	Laki-laki	15	17.87	268.00
	Perempuan	18	16.28	293.00

Total	33	
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Test Statistics^a

	KadarFerritin
Mann-Whitney U	122.000
Wilcoxon W	293.000
Z	-.470
Asymp. Sig. (2-tailed)	.638
Exact Sig. [2*(1-tailed Sig.)]	.656 ^b

a. Grouping Variable: JenisKelamin

b. Not corrected for ties.

Ranks

	LamaTransfusi	N	Mean Rank	Sum of Ranks
KadarFerritin	< 5 tahun	16	16.75	268.00
	> 5 tahun	17	17.24	293.00
	Total	33		

Test Statistics^a

	KadarFerritin
Mann-Whitney U	132.000
Wilcoxon W	268.000
Z	-.144
Asymp. Sig. (2-tailed)	.885
Exact Sig. [2*(1-tailed Sig.)]	.901 ^b

a. Grouping Variable: LamaTransfusi

b. Not corrected for ties.

Ranks

	Usia	N	Mean Rank
KadarFerritin	< 5 tahun	6	14.67
	5-10 tahun	15	16.93
	10-18 tahun	12	18.25
	Total	33	

Test Statistics^{a,b}

	KadarFerritin
Chi-Square	.551
df	2
Asymp. Sig.	.759

a. Kruskal Wallis Test

b. Grouping Variable: Usia



Ranks

	LamaTransfusi	N	Mean Rank	Sum of Ranks
ankreas	< 5 tahun	16	15.72	251.50
	> 5 tahun	17	18.21	309.50
	Total	33		

Test Statistics^a

	NilaiR2pankreas
Mann-Whitney U	115.500
Wilcoxon W	251.500
Z	-.739
Asymp. Sig. (2-tailed)	.460
Exact Sig. [2*(1-tailed Sig.)]	.465 ^b

a. Grouping Variable: LamaTransfusi

b. Not corrected for ties.

Ranks

	JenisKelamin	N	Mean Rank	Sum of Ranks
NilaiR2pankreas	Laki-laki	15	19.50	292.50
	Perempuan	18	14.92	268.50
	Total	33		

Test Statistics^a

	NilaiR2pankreas
Mann-Whitney U	97.500
Wilcoxon W	268.500
Z	-1.356
Asymp. Sig. (2-tailed)	.175
Exact Sig. [2*(1-tailed Sig.)]	.178 ^b

a. Grouping Variable: JenisKelamin

b. Not corrected for ties.

Ranks

	Usia	N	Mean Rank
NilaiR2pankreas	< 5 tahun	6	12.67
	5-10 tahun	15	17.97
	10-18 tahun	12	17.96
	Total	33	

Test Statistics^{a,b}

	NilaiR2pankreas
Chi-Square	1.474
df	2
Asymp. Sig.	.479

a. Kruskal Wallis Test

b. Grouping Variable: Usia

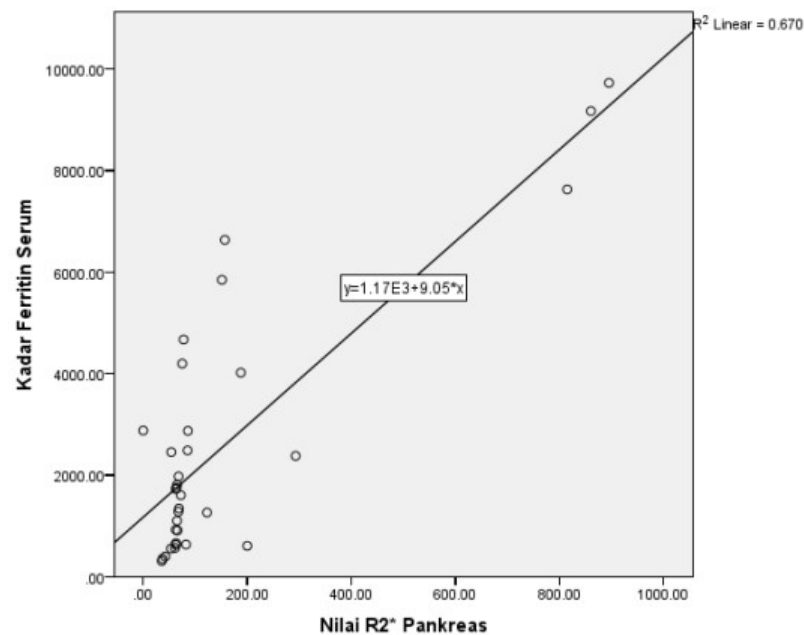
Correlations

		KadarFerritin	NilaiR2pankreas
n's rho	KadarFerritin	1.000	.647**
	Correlation Coefficient		



Nilai R ² pankreas	Sig. (2-tailed)	.	.000
	N	33	33
	Correlation Coefficient	.647**	1.000
	Sig. (2-tailed)	.000	.
	N	33	33

** . Correlation is significant at the 0.01 level (2-tailed).



Lampiran 3. *Curriculum Vitae*

CURRICULUM VITAE

A. Data Pribadi

- Nama : dr. Resty Dwi Umiati
- Agama : Islam
- Tempat/Tgl Lahir : Mapane Poso Pesisir / 19 Maret 1987
- Alamat : Jl. Gunung Latimojong, Kel. Tampumia Radda,
Kec. Belopa, Kab. Luwu, Sulawesi Selatan
- Nama Ayah/Ibu : dr. H. Mansyur Djamaluddin / Hj. Yarnis Nur, SE
- Nama Umi : Agussalim, SKM
- Nama Nak : Muhammad Aryandra Rafisqy



B. Riwayat Pendidikan

- SD : SD Negeri Pembina Tolitoli, lulus tahun 1998
- SMP : SMP Negeri 1 Tolitoli, lulus tahun 2001
- SMA : SMA Negeri 1 Makassar, lulus tahun 20004
- Perguruan Tinggi : Fakultas Kedokteran Universitas Hasanuddin Makassar, angkatan tahun 2004
- Profesi Dokter : Fakultas Kedokteran Universitas Hasanuddin Makassar, lulus tahun 2019
- PPDS : Departemen Radiologi Fakultas Kedokteran Universitas Hasanuddin, Periode Januari 2020

C. Riwayat Pekerjaan

1. Dokter Umum RSUD Batara Guru Belopa
2. Dokter Umum Puskesmas Walenrang Barat
3. Dokter Umum RS. Hikmah Sejahtera Belopa

D. Makalah pada Seminar/Konferens Ilmiah Nasional :

“Mayer-Rokitansky-Kuster-Hauser Syndrome” : A Case Report,
dibawakan pada acara The 3rd Annual Scientific Meeting Indonesian Woman
Imaging Society, 02-04 Maret 2023

