

## DAFTAR PUSTAKA

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LAMPIRAN 1


**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

**REKOMENDASI PERSETUJUAN ETIK**

Nomor : 34/UN4.6.4.5.31/ PP36/ 2023

Tanggal: 16 Januari 2023

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

No Protokol	UH23010028		No Sponsor	
Peneliti Utama	<b>dr.Pricilla Shinta</b>		Sponsor	
Judul Peneliti	KORELASI PERUBAHAN ENDPLATE TIPE MODIC PADA MAGNETIC RESONANCE IMAGING LUMBOSACRAL TERHADAP FACET JOINT OSTEOARTHRITIS BERDASARAKAN PATHRIA GRADING			
No Versi Protokol	<b>1</b>		Tanggal Versi	<b>13 Januari 2023</b>
No Versi PSP			Tanggal Versi	
Tempat Penelitian	RSUP Dr. Wahidin Sudirohusodo Makassar			
Jenis Review	<input checked="" type="checkbox"/> Exempted <input type="checkbox"/> Expedited <input type="checkbox"/> Fullboard Tanggal	Masa Berlaku	16 Januari 2023 sampai 16 Januari 2024 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 protokol yang disetujui (protocol deviation / violation)
- Mematuhi semua peraturan yang ditentukan



LAMPIRAN 2

Frequency Table

Jeniskelamin

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Laki-laki	95	48.0	48.0	48.0
	Perempuan	103	52.0	52.0	100.0
	Total	198	100.0	100.0	

Usia

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	17-25 tahun	5	2.5	2.5	2.5
	26-35 tahun	26	13.1	13.1	15.7
	36-45 tahun	34	17.2	17.2	32.8
	46-55 tahun	55	27.8	27.8	60.6
	56-65 tahun	53	26.8	26.8	87.4
	> 65 tahun	25	12.6	12.6	100.0
	Total	198	100.0	100.0	

BMI

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	underweight	2	1.0	1.0	1.0
	normal	51	25.8	25.8	26.8
	overweight	113	57.1	57.1	83.8
	obesitas	32	16.2	16.2	100.0
	Total	198	100.0	100.0	



### Levelspinal

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	L1-L2	2	1.0	1.0	1.0
	L2-L3	4	2.0	2.0	3.0
	L3-L4	13	6.6	6.6	9.6
	L4-L5	110	55.6	55.6	65.2
	L5-S1	69	34.8	34.8	100.0
	Total	198	100.0	100.0	

### PerubahanModic

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	TIPE 1	49	24.7	24.7	24.7
	TIPE 2	116	58.6	58.6	83.3
	TIPE 3	33	16.7	16.7	100.0
	Total	198	100.0	100.0	

### Facetjointarthritis

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Normal	1	.5	.5	.5
	mild	49	24.7	24.7	25.3
	moderate	123	62.1	62.1	87.4
	severe	25	12.6	12.6	100.0
	Total	198	100.0	100.0	



## Crosstabs

**Case Processing Summary**

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
Jeniskelamin * PerubahanModic	198	100.0%	0	0.0%	198	100.0%
Usia * PerubahanModic	198	100.0%	0	0.0%	198	100.0%
BMI * PerubahanModic	198	100.0%	0	0.0%	198	100.0%
Levelspinal * PerubahanModic	198	100.0%	0	0.0%	198	100.0%

**Jeniskelamin \* PerubahanModic Crosstabulation**

			PerubahanModic			Total
			TIPE 1	TIPE 2	TIPE 3	
Jeniskelamin	Laki-laki	Count	28	57	10	95
		% within PerubahanModic	57.1%	49.1%	30.3%	48.0%
	Perempuan	Count	21	59	23	103
		% within PerubahanModic	42.9%	50.9%	69.7%	52.0%
Total		Count	49	116	33	198
		% within PerubahanModic	100.0%	100.0%	100.0%	100.0%



**Usia \* PerubahanModic Crosstabulation**

			PerubahanModic			Total
			TIPE 1	TIPE 2	TIPE 3	
Usia	17-25 tahun	Count	3	0	2	5
		% within PerubahanModic	6.1%	0.0%	6.1%	2.5%
	26-35 tahun	Count	23	1	2	26
		% within PerubahanModic	46.9%	0.9%	6.1%	13.1%
	36-45 tahun	Count	11	20	3	34
		% within PerubahanModic	22.4%	17.2%	9.1%	17.2%
	46-55 tahun	Count	7	41	7	55
		% within PerubahanModic	14.3%	35.3%	21.2%	27.8%
	56-65 tahun	Count	3	38	12	53
		% within PerubahanModic	6.1%	32.8%	36.4%	26.8%
	> 65 tahun	Count	2	16	7	25
		% within PerubahanModic	4.1%	13.8%	21.2%	12.6%
Total		Count	49	116	33	198
		% within	100.0%	100.0%	100.0%	100.0%
		PerubahanModic				



**BMI \* PerubahanModic Crosstabulation**

			PerubahanModic			Total
			TIPE 1	TIPE 2	TIPE 3	
BMI	underweight	Count	1	1	0	2
		% within PerubahanModic	2.0%	0.9%	0.0%	1.0%
	normal	Count	19	30	2	51
		% within PerubahanModic	38.8%	25.9%	6.1%	25.8%
	overweight	Count	22	74	17	113
		% within PerubahanModic	44.9%	63.8%	51.5%	57.1%
	obesitas	Count	7	11	14	32
		% within PerubahanModic	14.3%	9.5%	42.4%	16.2%
Total		Count	49	116	33	198
		% within	100.0%	100.0%	100.0%	100.0%
		PerubahanModic				



**Levelspinal \* PerubahanModic Crosstabulation**

			PerubahanModic			Total
			TIPE 1	TIPE 2	TIPE 3	
Levelspinal	L1-L2	Count	2	0	0	2
		% within PerubahanModic	4.1%	0.0%	0.0%	1.0%
	L2-L3	Count	2	1	1	4
		% within PerubahanModic	4.1%	0.9%	3.0%	2.0%
	L3-L4	Count	3	9	1	13
% within PerubahanModic		6.1%	7.8%	3.0%	6.6%	
L4-L5	Count	26	66	18	110	
	% within PerubahanModic	53.1%	56.9%	54.5%	55.6%	
L5-S1	Count	16	40	13	69	
	% within PerubahanModic	32.7%	34.5%	39.4%	34.8%	
Total	Count	49	116	33	198	
	% within PerubahanModic	100.0%	100.0%	100.0%	100.0%	

**Crosstabs**

**Case Processing Summary**

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
Jeniskelamin * Facetjointatritis	198	100.0%	0	0.0%	198	100.0%
Usia * Facetjointatritis	198	100.0%	0	0.0%	198	100.0%
BMI *	198	100.0%	0	0.0%	198	100.0%
	198	100.0%	0	0.0%	198	100.0%



**Jeniskelamin \* Facetjointatritis Crosstabulation**

			Facetjointatritis				Total
			Normal	mild	moderate	severe	
Jeniskelamin	Laki-laki	Count	0	30	58	7	95
		% within Facetjointatritis	0.0%	61.2%	47.2%	28.0%	48.0%
	Perempuan	Count	1	19	65	18	103
		% within Facetjointatritis	100.0%	38.8%	52.8%	72.0%	52.0%
Total		Count	1	49	123	25	198
		% within Facetjointatritis	100.0%	100.0%	100.0%	100.0%	100.0%

**Usia \* Facetjointatritis Crosstabulation**

			Facetjointatritis				Total
			Normal	mild	moderate	severe	
Usia	17-25 tahun	Count	1	4	0	0	5
		% within Facetjointatritis	100.0%	8.2%	0.0%	0.0%	2.5%
	26-35 tahun	Count	0	21	4	1	26
		% within Facetjointatritis	0.0%	42.9%	3.3%	4.0%	13.1%
	36-45 tahun	Count	0	8	25	1	34
		% within Facetjointatritis	0.0%	16.3%	20.3%	4.0%	17.2%
	46-55 tahun	Count	0	9	41	5	55
		% within Facetjointatritis	0.0%	18.4%	33.3%	20.0%	27.8%
	56-65 tahun	Count	0	3	38	12	53
		% within Facetjointatritis	0.0%	6.1%	30.9%	48.0%	26.8%
	> 65 tahun	Count	0	4	15	6	25
		% within Facetjointatritis	0.0%	8.2%	12.2%	24.0%	12.6%
		Count	1	49	123	25	198
		% within Facetjointatritis	100.0%	100.0%	100.0%	100.0%	100.0%



**BMI \* Facetjointatritis Crosstabulation**

			Facetjointatritis				Total
			Normal	mild	moderate	severe	
BMI	underweight	Count	0	0	2	0	2
		% within Facetjointatritis	0.0%	0.0%	1.6%	0.0%	1.0%
	normal	Count	0	22	27	2	51
		% within Facetjointatritis	0.0%	44.9%	22.0%	8.0%	25.8%
	overweight	Count	1	19	79	14	113
		% within Facetjointatritis	100.0%	38.8%	64.2%	56.0%	57.1%
	obesitas	Count	0	8	15	9	32
		% within Facetjointatritis	0.0%	16.3%	12.2%	36.0%	16.2%
Total		Count	1	49	123	25	198
		% within Facetjointatritis	100.0%	100.0%	100.0%	100.0%	100.0%



**Levelspinal \* Facetjointatritis Crosstabulation**

			Facetjointatritis				Total
			Normal	mild	moderate	severe	
Levelspinal	L1-L2	Count	0	2	0	0	2
		% within Facetjointatritis	0.0%	4.1%	0.0%	0.0%	1.0%
	L2-L3	Count	0	1	2	1	4
		% within Facetjointatritis	0.0%	2.0%	1.6%	4.0%	2.0%
	L3-L4	Count	0	3	9	1	13
		% within Facetjointatritis	0.0%	6.1%	7.3%	4.0%	6.6%
	L4-L5	Count	0	29	68	13	110
		% within Facetjointatritis	0.0%	59.2%	55.3%	52.0%	55.6%
	L5-S1	Count	1	14	44	10	69
		% within Facetjointatritis	100.0%	28.6%	35.8%	40.0%	34.8%
	Total	Count	1	49	123	25	198
		% within Facetjointatritis	100.0%	100.0%	100.0%	100.0%	100.0%

## Nonparametric Correlations

**Correlations**

			Perubahan Modic	Jeniskelamin
Spearman's rho	PerubahanModic	Correlation Coefficient	1.000	.161*
		Sig. (2-tailed)	.	.023
		N	198	198
		-----		
	Jeniskelamin	Correlation Coefficient	.161*	1.000
		Sig. (2-tailed)	.023	.
		N	198	198



gnificant at the 0.05 level (2-tailed).

## Nonparametric Correlations

			Perubahan Modic	Usia
Spearman's rho	PerubahanModic	Correlation Coefficient	1.000	.445**
		Sig. (2-tailed)	.	.000
		N	198	198
		<hr/>		
	Usia	Correlation Coefficient	.445**	1.000
		Sig. (2-tailed)	.000	.
		N	198	198

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

## Nonparametric Correlations

			Perubahan Modic	BMI
Spearman's rho	PerubahanModic	Correlation Coefficient	1.000	.280**
		Sig. (2-tailed)	.	.000
		N	198	198
		<hr/>		
	BMI	Correlation Coefficient	.280**	1.000
		Sig. (2-tailed)	.000	.
		N	198	198

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



## Nonparametric Correlations

**Correlations**

			Perubahan Modic	Levelspinal
Spearman's rho	PerubahanModic	Correlation	1.000	.073
		Coefficient		
		Sig. (2-tailed)		
		N		
	Levelspinal	Correlation	.073	1.000
		Coefficient		
		Sig. (2-tailed)		
		N		

**Correlations**

			Facetjointat ritis	Jeniskelami n
Spearman's rho	Facetjointatritis	Correlation	1.000	.179*
		Coefficient		
		Sig. (2-tailed)		
		N		
	Jeniskelamin	Correlation	.179*	1.000
		Coefficient		
		Sig. (2-tailed)		
		N		

\*. Correlation is significant at the 0.05 level (2-tailed).



## Nonparametric Correlations

Correlations			Facetjointatritis	Usia
Spearman's rho	Facetjointatritis	Correlation Coefficient	1.000	.472**
		Sig. (2-tailed)	.	.000
		N	198	198
		Usia	Correlation Coefficient	.472**
		Sig. (2-tailed)	.000	.
		N	198	198

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

## Nonparametric Correlations

Correlations			Facetjointatritis	BMI
Spearman's rho	Facetjointatritis	Correlation Coefficient	1.000	.232**
		Sig. (2-tailed)	.	.001
		N	198	198
		BMI	Correlation Coefficient	.232**
		Sig. (2-tailed)	.001	.
		N	198	198

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



## Nonparametric Correlations

Correlations

			Facetjointatritis	Levelspinal
Spearman's rho	Facetjointatritis	Correlation Coefficient	1.000	.071
		Sig. (2-tailed)	.	.320
		N	198	198
		Levelspinal	Correlation Coefficient	.071
		Sig. (2-tailed)	.320	.
		N	198	198

## Crosstabs

Case Processing Summary

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
PerubahanModic * Facetjointatritis	198	100.0%	0	0.0%	198	100.0%



**PerubahanModic \* Facetjointatritis Crosstabulation**

			Facetjointatritis				Total
			Normal	mild	moderate	severe	
PerubahanModic	TIPE 1	Count	1	37	9	2	49
		% within Facetjointatritis	100.0%	75.5%	7.3%	8.0%	24.7%
	TIPE 2	Count	0	5	109	2	116
		% within Facetjointatritis	0.0%	10.2%	88.6%	8.0%	58.6%
	TIPE 3	Count	0	7	5	21	33
		% within Facetjointatritis	0.0%	14.3%	4.1%	84.0%	16.7%
Total	Count	1	49	123	25	198	
	% within Facetjointatritis	100.0%	100.0%	100.0%	100.0%	100.0%	

**Nonparametric Correlations**

**Correlations**

			Facetjointatritis	Perubahan Modic
Spearman's rho	Facetjointatritis	Correlation Coefficient	1.000	.631**
		Sig. (2-tailed)	.	.000
		N	198	198
		<hr/>		
	PerubahanModic	Correlation Coefficient	.631**	1.000
		Sig. (2-tailed)	.000	.
		N	198	198

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



## LAMPIRAN 3

### CURRICULUM VITAE

#### A. Data Pribadi

- Nama : dr. Pricilla Shinta
- Agama : Kristen
- Tempat/Tgl Lahir : Jember / 17 Maret 1984
- Alamat : Primrose Avenue no.12
- Nama Ayah/Ibu : Yudianto/Alm.Ribka W
- Suami : Yance Tambunan, S.Pi
- Anak : Jason Elkan

#### B. Riwayat Pendidikan

- TK : TK Maria Fatima
- SD : SDK Santa Maria
- SMP : SMP Santa Maria
- SMA : SMAK Santo Paulus
- Perguruan Tinggi : Fakultas Kedokteran Universitas Wijaya Kusuma Surabaya
- Profesi Dokter : Fakultas Kedokteran Universitas Wijaya Kusuma Surabaya
- PPDS : Departemen Radiologi Fakultas Kedokteran Universitas Hasanuddin Periode Juli 2020



**C. Riwayat Pekerjaan**

1. Dokter Umum di RSUD Anutapura Palu tahun 2010-2014
2. Dokter Umum di Siloam Hospitals Balikpapan tahun 2014-2016
3. Dokter Umum di Siloam Hospitals Makassar tahun 2016-2021

**D. Makalah pada Seminar/Konferens Ilmiah Nasional :**

“Malignant Lymphoma Non Hodgkin’s on right iliac wing”, dibawakan pada acara PIT PDSRKI 16<sup>th</sup> “Role of Radiology in emergency setting : Current and Future Challenges” Manado, 11-12 Maret 2022





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