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## LAMPIRAN

### 1. *Intraclass Coefficient Correlation (ICC)*

**Intraclass Correlation Coefficient**

	Intraclass Correlation	95% Confidence Interval		F Test with True Value 0			
		Lower Bound	Upper Bound	Value	df1	df2	Sig
Single Measures	.998	.993	1.000	1113.775	8	9	.000
Average Measures	.999	.996	1.000	1113.775	8	9	.000

One-way random effects model where people effects are random.

**Intraclass Correlation Coefficient**

	Intraclass Correlation	95% Confidence Interval		F Test with True Value 0			
		Lower Bound	Upper Bound	Value	df1	df2	Sig
Single Measures	.997	.999	.999	717.851	8	9	.000
Average Measures	.999	.994	1.000	717.851	8	9	.000

One-way random effects model where people effects are random.

**Intraclass Correlation Coefficient**

	Intraclass Correlation	95% Confidence Interval		F Test with True Value 0			
		Lower Bound	Upper Bound	Value	df1	df2	Sig
Single Measures	.996	.984	.999	513.489	8	9	.000
Average Measures	.998	.992	1.000	513.489	8	9	.000

One-way random effects model where people effects are random.

**Intraclass Correlation Coefficient**

	Intraclass Correlation	95% Confidence Interval		F Test with True Value 0			
		Lower Bound	Upper Bound	Value	df1	df2	Sig
Single Measures	.989	.956	.997	182.111	8	9	.000
Average Measures	.995	.977	.999	182.111	8	9	.000

One-way random effects model where people effects are random.

**Intraclass Correlation Coefficient**

	Intraclass Correlation	95% Confidence Interval		F Test with True Value 0			
		Lower Bound	Upper Bound	Value	df1	df2	Sig
Single Measures	.984	.935	.996	121.944	8	9	.000
Average Measures	.992	.966	.998	121.944	8	9	.000

One-way random effects model where people effects are random.

**Intraclass Correlation Coefficient**

	Intraclass Correlation	95% Confidence Interval		F Test with True Value 0			
		Lower Bound	Upper Bound	Value	df1	df2	Sig
Single Measures	.970	.884	.993	66.464	8	9	.000
Average Measures	.985	.938	.997	66.464	8	9	.000

One-way random effects model where people effects are random.



## 2. Karakteristik data sampel

**Usia\_kat**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00	2	3.7	7.4	7.4
	2.00	6	11.1	22.2	29.6
	3.00	10	18.5	37.0	66.7
	4.00	8	14.8	29.6	96.3
	5.00	1	1.9	3.7	
	Total	27	50.0	100.0	
Missing	System	27	50.0		
	Total	54	100.0		

**Jenis\_Kelamin**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Laki-laki	9	16.7	33.3	33.3
	Perempuan	18	33.3	66.7	
	Total	27	50.0	100.0	
	Missing	System	27	50.0	
	Total	54	100.0		

## 3. Analisis statistik

**Independent Samples Test**

	Levene's Test for Equality of Variances		t-test for Equality of Means							
	F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	95% Confidence Interval of the Difference		
								Lower	Upper	
EDV	Equal variances assumed	.042	.838	.745	.52	.460	3.82963	5.14179	-6.48812	14.14738
				.745	51.927	.460	3.82963	5.14179	-6.48846	14.14772
ESV	Equal variances assumed	.146	.704	2.345	52	.023	7.06667	3.01301	1.02062	13.11271
				2.345	51.873	.023	7.06667	3.01301	1.02027	13.11307
EF	Equal variances assumed	.079	.780	-3.573	52	.001	-6.14815	1.72080	-9.60120	-2.69510
				-3.573	51.719	.001	-6.14815	1.72080	-9.60164	-2.69465

**Descriptives**

Kelompok			Statistic	Std. Error
EDV	Inklusi	Mean	93.3370	3.70311
		95% Confidence Interval for Mean	Lower Bound	85.7252
			Upper Bound	100.9489
		5% Trimmed Mean		92.5350
		Median		91.6000
		Variance		370.252
		Std. Deviation		19.24192
		Minimum		54.20
		Maximum		152.20
		Range		98.00
		Interquartile Range		18.10
		Skewness		.840
		Kurtosis		.872
Eksklusi	Eksklusi	Mean	89.5074	3.56721
		95% Confidence Interval for Mean	Lower Bound	82.1749
			Upper Bound	96.8399
		5% Trimmed Mean		88.5920
		Median		88.4000
		Variance		343.574
		Std. Deviation		18.53574
		Minimum		54.00
		Maximum		148.00
		Range		94.00
		Interquartile Range		17.90
		Skewness		.944
		Kurtosis		.872
ESV	Inklusi	Mean	40.9407	2.18268
		95% Confidence Interval for Mean	Lower Bound	36.4542
			Upper Bound	45.4273
		5% Trimmed Mean		40.3239
		Median		40.6000
		Variance		128.630
		Std. Deviation		11.34153
		Minimum		22.10
		Maximum		75.50
		Range		53.40
		Interquartile Range		10.40
		Skewness		.817
		Kurtosis		.872
Eksklusi	Eksklusi	Mean	33.8741	2.07705
		95% Confidence Interval for Mean	Lower Bound	29.6046
			Upper Bound	38.1435
		5% Trimmed Mean		33.0198
		Median		32.8000
		Variance		116.482
		Std. Deviation		10.79268
		Minimum		17.10
		Maximum		70.90
		Range		53.80
		Interquartile Range		13.00
		Skewness		1.438
		Kurtosis		.872



EF	Inklusi	Mean	56.3333	1.26085
		95% Confidence Interval	Lower Bound	53.7416
		for Mean	Upper Bound	58.9250
		5% Trimmed Mean		56.1235
		Median		55.0000
		Variance		42.923
		Std. Deviation		6.55157
		Minimum		46.00
		Maximum		72.00
		Range		26.00
		Interquartile Range		10.00
		Skewness		.511 .448
		Kurtosis		-.201 .872
	Eksklusi	Mean	62.4815	1.17108
		95% Confidence Interval	Lower Bound	60.0743
		for Mean	Upper Bound	64.8887
		5% Trimmed Mean		62.2860
		Median		61.0000
		Variance		37.028
		Std. Deviation		6.08510
		Minimum		52.00
		Maximum		77.00
		Range		25.00
		Interquartile Range		8.00
		Skewness		.570 .448
		Kurtosis		-.257 .872

#### Tests of Normality

Kelompok	Kolmogorov-Smirnov <sup>a</sup>			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
EDV	Inklusi	.154	27	.098	.944	27 .151
	Eksklusi	.174	27	.035	.930	27 .070
ESV	Inklusi	.122	27	.200*	.942	27 .133
	Eksklusi	.155	27	.093	.890	27 .008
EF	Inklusi	.136	27	.200*	.963	27 .440
	Eksklusi	.152	27	.112	.956	27 .301

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

a. Lilliefors Significance Correction

**Descriptives**

		Statistic	Std. Error
Ink_EDV_1	Mean	99.4333	4.29273
	95% Confidence Interval for Mean	Lower Bound Upper Bound	89.5343 109.3324
	5% Trimmed Mean	99.5704	
	Median	100.8000	
	Variance	165.848	
	Std. Deviation	12.87818	
	Minimum	80.40	
	Maximum	116.00	
	Range	35.60	
	Interquartile Range	24.45	
	Skewness	.035	.717
	Kurtosis	-1.448	1.400
Inkl_EDV_2	Mean	99.1000	4.35938
	95% Confidence Interval for Mean	Lower Bound Upper Bound	89.0473 109.1527
	5% Trimmed Mean	99.2278	
	Median	101.3000	
	Variance	171.037	
	Std. Deviation	13.07813	
	Minimum	80.40	
	Maximum	115.50	
	Range	35.10	
	Interquartile Range	25.30	
	Skewness	.051	.717
	Kurtosis	-1.627	1.400
Eks_EDV_1	Mean	94.1111	4.26355
	95% Confidence Interval for Mean	Lower Bound Upper Bound	84.2793 103.9429
	5% Trimmed Mean	94.1512	
	Median	92.8000	
	Variance	163.601	
	Std. Deviation	12.79066	
	Minimum	75.50	
	Maximum	112.00	
	Range	36.50	
	Interquartile Range	23.55	
	Skewness	.145	.717
	Kurtosis	-1.211	1.400
Eks_EDV_2	Mean	93.7556	4.04262
	95% Confidence Interval for Mean	Lower Bound Upper Bound	84.4332 103.0779
	5% Trimmed Mean	93.7840	
	Median	92.0000	
	Variance	147.085	
	Std. Deviation	12.12787	
	Minimum	76.00	
	Maximum	111.00	
	Range	35.00	
	Interquartile Range	21.80	
	Skewness	.154	.717
	Kurtosis	-1.067	1.400



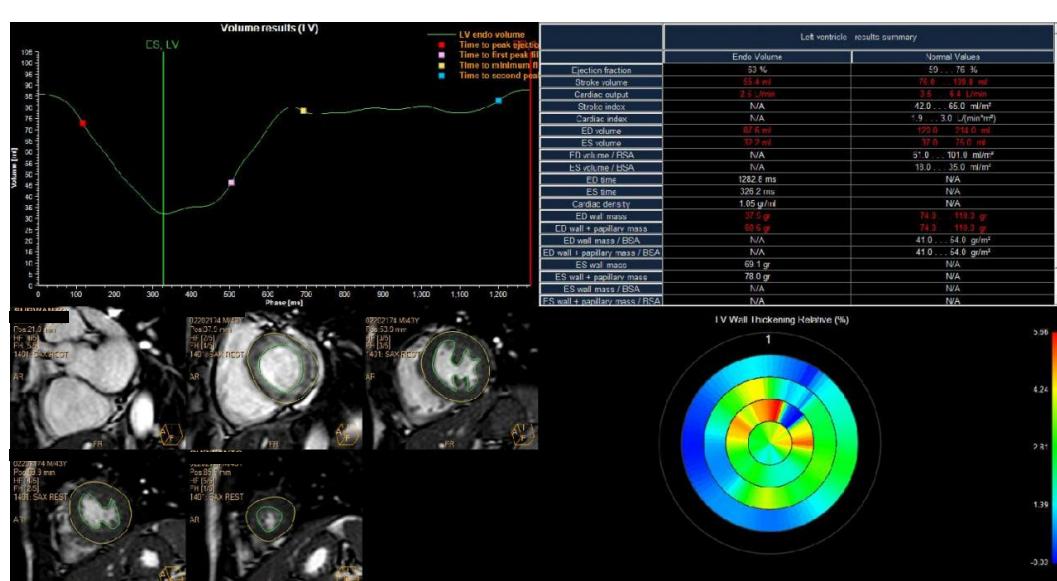
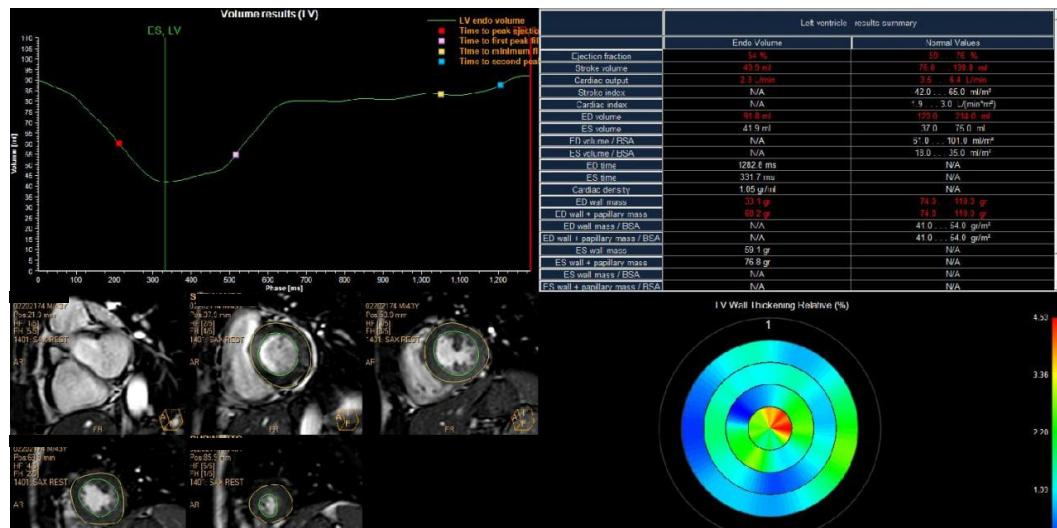
Ink_ESV_1	Mean	43.6444	2.11431
	95% Confidence Interval	Lower Bound	38.7688
	for Mean	Upper Bound	48.5201
	5% Trimmed Mean		43.5105
	Median		42.0000
	Variance		40.233
	Std. Deviation		6.34293
	Minimum		35.30
	Maximum		54.40
	Range		19.10
	Interquartile Range		9.90
	Skewness		.519 .717
	Kurtosis		-.801 1.400
Ink_ESV_2	Mean	43.5778	2.13332
	95% Confidence Interval	Lower Bound	38.6583
	for Mean	Upper Bound	48.4972
	5% Trimmed Mean		43.3975
	Median		43.0000
	Variance		40.959
	Std. Deviation		6.39996
	Minimum		35.70
	Maximum		54.70
	Range		19.00
	Interquartile Range		10.35
	Skewness		.558 .717
	Kurtosis		-.745 1.400
Eks_ESV_1	Mean	35.5778	1.61905
	95% Confidence Interval	Lower Bound	31.8442
	for Mean	Upper Bound	39.3113
	5% Trimmed Mean		35.4086
	Median		34.1000
	Variance		23.592
	Std. Deviation		4.85715
	Minimum		30.20
	Maximum		44.00
	Range		13.80
	Interquartile Range		8.05
	Skewness		.534 .717
	Kurtosis		-1.080 1.400
Eks_ESV_2	Mean	35.3667	1.51529
	95% Confidence Interval	Lower Bound	31.8724
	for Mean	Upper Bound	38.8609
	5% Trimmed Mean		35.2296
	Median		33.3000
	Variance		20.665
	Std. Deviation		4.54588
	Minimum		30.10
	Maximum		43.10
	Range		13.00
	Interquartile Range		7.75
	Skewness		.480 .717
	Kurtosis		-1.140 1.400



Ink_EF_1	Mean	55.5556	1.80363
	95% Confidence Interval for Mean	Lower Bound Upper Bound	51.3964 59.7147
	5% Trimmed Mean	55.6173	
	Median	56.0000	
	Variance	29.278	
	Std. Deviation	5.41089	
	Minimum	46.00	
	Maximum	64.00	
	Range	18.00	
	Interquartile Range	8.00	
	Skewness	-.186	.717
	Kurtosis	.091	1.400
Ink_EF_2	Mean	55.6667	1.89297
	95% Confidence Interval for Mean	Lower Bound Upper Bound	51.3015 60.0319
	5% Trimmed Mean	55.6852	
	Median	56.0000	
	Variance	32.250	
	Std. Deviation	5.67891	
	Minimum	46.00	
	Maximum	65.00	
	Range	19.00	
	Interquartile Range	8.50	
	Skewness	-.071	.717
	Kurtosis	-.015	1.400
Eks_EF_1	Mean	61.5556	1.30289
	95% Confidence Interval for Mean	Lower Bound Upper Bound	58.5511 64.5600
	5% Trimmed Mean	61.3395	
	Median	60.0000	
	Variance	15.278	
	Std. Deviation	3.90868	
	Minimum	58.00	
	Maximum	69.00	
	Range	11.00	
	Interquartile Range	7.00	
	Skewness	.947	.717
	Kurtosis	-.160	1.400
Eks_EF_2	Mean	61.6667	1.10554
	95% Confidence Interval for Mean	Lower Bound Upper Bound	59.1173 64.2161
	5% Trimmed Mean	61.5741	
	Median	61.0000	
	Variance	11.000	
	Std. Deviation	3.31662	
	Minimum	58.00	
	Maximum	67.00	
	Range	9.00	
	Interquartile Range	6.50	
	Skewness	.455	.717
	Kurtosis	-1.304	1.400



#### 4. Delineasi / *contouring* inklusi dan eksklusi m.papillaris





UNIVERSITAS  
GADJAH MADA

**Perbandingan Keterlibatan Musculus Papillaris dalam Pengukuran Fungsi Ventrikel Kiri pada Kasus Premature Ventricular Contraction dengan MRI Cardiac**  
 Paulina Yessica Pramadita Megaputri, Dr. dr. Lina Choridah, Sp.Rad (K) - PRP; dr.Sudarmanta, Sp.Rad (K) - RI

Universitas Gadjah Mada, 2024 | Diunduh dari <http://etd.repository.ugm.ac.id/>

## 5. Ethical clearance



MEDICAL AND HEALTH RESEARCH ETHICS COMMITTEE (MHREC)  
 FACULTY OF MEDICINE, PUBLIC HEALTH AND NURSING  
 UNIVERSITAS GADJAH MADA – DR. SARDJITO GENERAL HOSPITAL



### ETHICS COMMITTEE APPROVAL

Ref. No. : KE/PK/0743/EC/2024

Title of the Research Protocol : Perbandingan Keterlibatan *Musculus Papillaris* dalam Pengukuran Fungsi Ventrikel Kiri pada Kasus *Premature Ventricular Contraction* dengan *MRI Cardiac*

Document(s) Approved and version : Study Protocol version 01 2024

Principle Investigator : Paulina Yessica Pramadita Megaputri

Participating Investigator(s) : 1. Dr. dr. Lina Choridah, Sp.Rad(K) PRP,  
2. dr. Sudarmanta, Sp.Rad(K) RI.

Date of Approval : **27 MAY 2024**

(Valid for one year beginning from the date of approval)

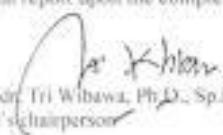
Institution(s)/place(s) of research : Instalasi Radiologi Diagnostik RSUP Dr. Sardjito Yogyakarta

The Medical and Health Research Ethics Committee (MHREC) states that the document above meets the ethical principle outlined in the International and National Guidelines on ethical standards and procedures for researches with human beings.

The Medical and Health Research Ethics Committee (MHREC) has the right to monitor the research activities at any time.

The investigator(s) is/are obliged to submit:

- Progress report as a continuing review (state its due time)
- Report of any serious adverse events (SAE)
- Final report upon the completion of the study

  
 Prof. dr. Tri Wibawa, Ph.D., Sp.MK(K).  
 Panel's chairperson

  
 dr. Endy Paryanto, M.P.H., Sp.A(K).  
 Panel's secretary

P.S. This letter uses signature scan of the panel's chairperson and Secretary of the Ethics Committee. The hardcopy official letter with authority's signature will be issued when it is possible and are kept as an archive of the Ethics Committee

Validation number:  
 66266cc5493be7  
[\(http://komisiethik.ugm.ac.id/validasi/\)](http://komisiethik.ugm.ac.id/validasi/)



Recognized by Forum for Ethical Review Committees in Asia and the Western Pacific (FERC-AP)  
 22-Mei-24



## 6. Data sampel pengukuran EDV, ESV, dan EF metode inklusi dan eksklusi m.papillaris

No	Inisia I	JK/usi a	EDV (ml)		ESV (ml)		EF (%)	
			Inklus i	Eksklus i	Inklus i	Eksklus i	Inklus i	Eksklus i
1	WS	L / 49	115.8	110.8	46.8	38.3	60	65
2	RAK	L / 45	101.3	93.4	54.7	39.5	46	58
3	DL	P / 53	88.6	82.4	42.0	32.8	53	60
4	SA	P / 54	91.6	91.0	42.4	31.4	54	66
5	RSY	P / 53	101.1	95.1	46.2	39.9	54	58
6	NL	P / 42	91.5	88.4	36.4	30.1	60	66
7	CYA	P / 31	91.2	90.4	41.1	38.5	55	57
8	RA	P / 52	96.8	95.6	37.0	32.8	62	66
9	SUR	L / 43	91.8	87.6	41.9	32.2	54	63
10	PRI	P / 59	152.2	148.0	75.5	70.9	50	52
11	AL	P / 45	93.6	89.5	36.9	25.6	61	71
12	SW	P / 53	77.4	75.8	22.1	17.1	72	77
13	SUP	P / 62	70.0	67.6	23.9	20.0	66	70
14	MAH	L / 40	87.8	86.3	47.8	36.1	46	58
15	SON	P / 24	83.6	77.7	40.6	31.4	51	60
16	JP	L / 38	98.7	94.5	50.7	40.6	49	57
17	IND	L / 49	73.7	63.4	30.6	24.0	58	62
18	ADS	P / 40	83.0	82.8	37.2	33.8	55	59
19	ARK	L / 32	116.0	111.3	51.1	43.6	56	61
20	FWY	P / 38	80.4	75.8	38.8	30.1	51	60
21	SK	P / 51	54.2	54.0	27.4	24.3	49	55
22	AS	L / 54	101.0	96.2	46.0	39.3	54	59
23	IPW	P / 27	119.7	113.5	55.9	51.0	53	55
24	KAA	P / 48	88.9	87.5	38.5	33.8	57	61
25	SR	P / 45	66.3	65.9	24	18.2	64	72
26	SUR	L / 44	111.3	104.9	38.7	33.0	65	69
27	AAS	P / 48	92.6	87.3	31.2	26.3	66	70