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LAMPIRAN

1. Surat Rekomendasi Persetujuan Etik Penelitian

KEMENTERIAN RISET, TEKNOLOGI DAN PENDIDIKAN TINGGI
UNIVERSITAS HASANUDDIN
FAKULTAS KEDOKTERAN GIGI
RUMAH SAKIT GIGI DAN MULUT
KOMITE ETIK PENELITIAN KESEHATAN
Sekretariat : Lantai 2, Gedung Lama RSGM Unhas
Jl. Kandea No. 5 Makassar
Contact Person: drg. Muhammad Ikbal, Sp.Pros/Nur Aedah Ali TELP. [illegible]

REKOMENDASI PERETUJUAN ETIK
Nomor: 0029/TL.09/KEPK FKG-RSGM UNHAS/2023

Tanggal: 06 Februari 2023

Dengan ini menyatakan bahwa protokol dan dokumen yang berhubungan dengan protokol berikut ini telah mendapatkan persetujuan etik:

No. Protokol	UH 17120768	No Protokol Sponsor	
Peneliti Utama	drg. Sari Arianti Ali	Sponsor	Pribadi
Judul Peneliti	Gambaran Histopatologi Pulpa Gigi Kelinci setelah Aplikasi *Pulp-Out* sebagai Alternatif Bahan Devitalisasi Pulpa		
No. Versi Protokol	1	Tanggal Versi	27 Januari 2023
No. Versi Protokol		Tanggal Versi	
Tempat Penelitian	1. Laboratorium Farmasi STIFA Makassar, 2. Laboratorium Terpadu Fakultas Kedokteran Gigi Universitas Hasanuddin Makassar, 3. Rumah Sakit Pendidikan Universitas Hasanuddin.		
Dokumen Lain			
Jenis Review	[x] Exempted [ ] Expedited [ ] Fullboard	Masa Berlaku 06 Februari 2023-06 Februari 2024	Frekuensi Review Lanjutan
Ketua Komisi Etik Penelitian	Nama: Dr. drg. Marhamah, M.Kes	Tanda Tangan	Tanggal
Sekretaris Komisi Etik Penelitian	Nama: drg. Muhammad Ikbal, Sp.Pros	Tanda Tangan	Tanggal

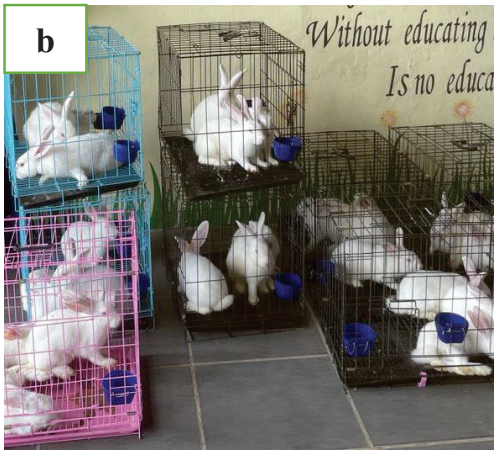
Kewajiban peneliti utama:

- Menyerahkan Amandemen Protokol untuk persetujuan sebelum diimplementasikan
- 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 protokol yang disetujui (*protocol deviation/violation*)
- Mematuhi semua aturan yang berlaku.

2. Dokumentasi Penelitian

a

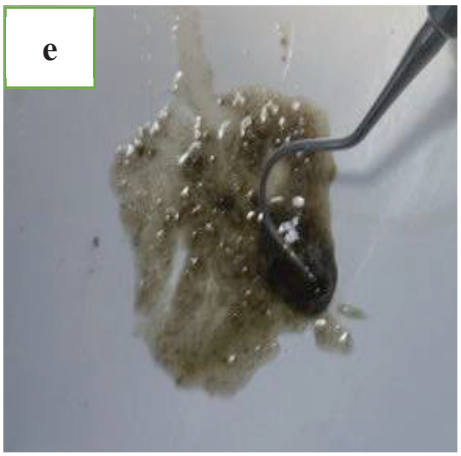
b

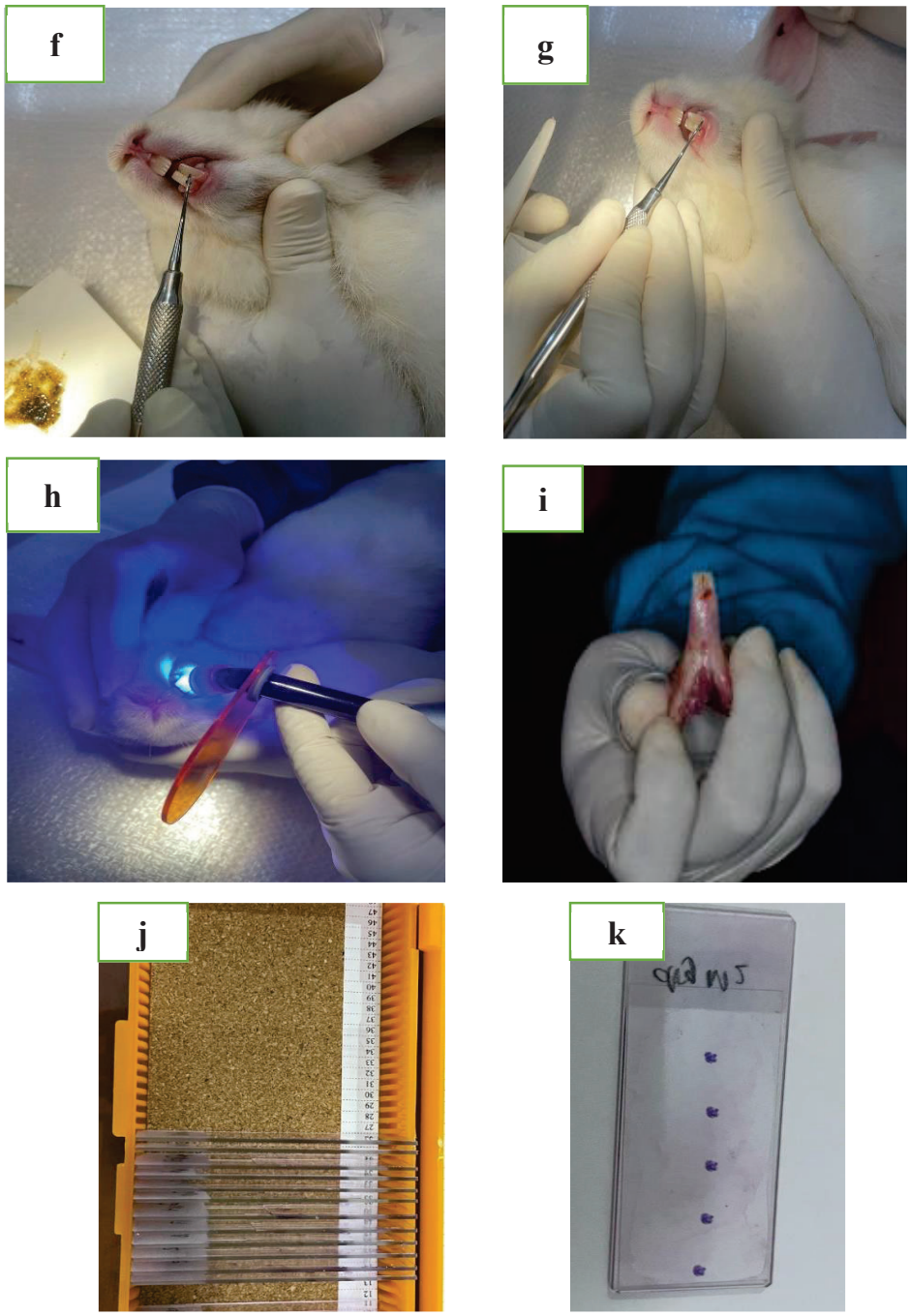


c

d

e





Gambar : (a) Proses pembuatan ekstrak (b) Dua belas ekor kelinci sebagai hewan uji. (c) Anestesi hewan uji. (d) Preparasi mencapai pulpa gigi hewan uji (e) *Pulp out*. (f).Aplikasi *pulp out*. (g) Aplikasi RMGIC. (h).*curing* RMGIC. (i) Ekstraksi rahang dan gigi hewan uji. (j) dan (k) *Slide* sampel telah diwarnai dengan HE.

3. Tabulasi Hasil Pemeriksaan Histopatologi Pulpa Gigi Kelinci dan Olah data.

VARIABEL	KELOMPOK	LAPANG PANDANG 1			LAPANG PANDANG 2		
SAMPEL/SLIDE		1	2	3	1	2	3
SEL RADANG	Normal	6	7	18	6	8	24
	Kontrol Negatif	12	13	12	4	10	6
	Pulp out dosis 25%	38	23	39	100	39	22
	Pulp out dosis 50%	27	45	47	30	100	45
KAPILER	Normal	9	13	10	9	13	10
	Kontrol Negatif	4	10	9	7	10	6
	Pulp out dosis 25%	6	8	8	26	22	8
	Pulp out dosis 50%	5	6	6	12	9	8

PEMBESARAN 400X
2 LAPANG PANDANG

```
DESCRIPTIVES VARIABLES=SelRadangPulpnormal SelRadangKNegatif
SelRadangD25 SelRadangD50
    KapilerPulpNormal KapilerKNegatif KapilerD25 KapilerD50
  /STATISTICS=MEAN STDDEV.
```

Descriptives

Notes

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Missing Value Handling	Definition of Missing	User defined missing values are treated as missing.
	Cases Used	All non-missing data are used.
Syntax		DESCRIPTIVES VARIABLES=SelRadangPulpnormal SelRadangKNegatif SelRadangD25 SelRadangD50 KapilerPulpNormal KapilerKNegatif KapilerD25 KapilerD50 /STATISTICS=MEAN STDDEV.
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AFRI\Olahdatakuji\Zakiyah kons\SARI\UntitledSARI_LP1.sav
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Descriptive Statistics

	N	Mean	Std. Deviation
SelRadangPulpnormal	3	10,33	6,658
SelRadangKNegatif	3	12,33	,577
SelRadangD25	3	33,33	8,963
SelRadangD50	3	39,67	11,015
KapilerPulpNormal	3	10,67	2,082
KapilerKNegatif	3	7,67	3,215
KapilerD25	3	7,33	1,155
KapilerD50	3	5,67	,577
Valid N (listwise)	3		

Explore

Notes

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Missing Value Handling	Definition of Missing	User-defined missing values for dependent variables are treated as missing.
	Cases Used	Statistics are based on cases with no missing values for any dependent variable or factor used.

Syntax		EXAMINE VARIABLES=SelRadang Kapiler /PLOT BOXPLOT STEMLEAF NPPLOT /COMPARE GROUPS /STATISTICS DESCRIPTIVES /CINTERVAL 95 /MISSING LISTWISE /NOTOTAL.
Resources	Processor Time	00:00:01,94
	Elapsed Time	00:00:01,62

Case Processing Summary

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
SelRadang	12	100,0%	0	0,0%	12	100,0%
Kapiler	12	100,0%	0	0,0%	12	100,0%

Descriptives

			Statistic	Std. Error
SelRadang	Mean		23,92	4,316
	95% Confidence Interval for Mean	Lower Bound	14,42	
		Upper Bound	33,42	
	5% Trimmed Mean		23,63	
	Median		20,50	
	Variance		223,538	
	Std. Deviation		14,951	
	Minimum		6	
	Maximum		47	
	Range		41	
	Interquartile Range		27	
	Skewness		,406	,637
	Kurtosis		-1,468	1,232
Kapiler	Mean		7,83	,737

	95% Confidence Interval for Mean	Lower Bound	6,21	
		Upper Bound	9,46	
	5% Trimmed Mean		7,76	
	Median		8,00	
	Variance		6,515	
	Std. Deviation		2,552	
	Minimum		4	
	Maximum		13	
	Range		9	
	Interquartile Range		4	
	Skewness		,419	,637
	Kurtosis		-,044	1,232

Tests of Normality

	Kolmogorov-Smirnov[a]			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
SelRadang	,184	12	,200*	,898	12	,150
Kapiler	,180	12	,200*	,957	12	,741

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

a. Lilliefors Significance Correction

```
ONEWAY SelRadang Kapiler BY Kelompok
  /STATISTICS HOMOGENEITY
  /MISSING ANALYSIS
  /POSTHOC=TUKEY ALPHA(0.05).
```

Test of Homogeneity of Variances

		Levene Statistic	df1	df2	Sig.
SelRadang	Based on Mean	5,017	3	8	,030
	Based on Median	,435	3	8	,734
	Based on Median and with adjusted df	,435	3	5,323	,737
	Based on trimmed mean	4,112	3	8	,049
Kapiler	Based on Mean	4,022	3	8	,051
	Based on Median	,596	3	8	,635
	Based on Median and with adjusted df	,596	3	4,296	,648
	Based on trimmed mean	3,503	3	8	,069

Oneway

Notes

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Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics for each analysis are based on cases with no missing data for any variable in the analysis.
Syntax		ONEWAY SelRadang Kapiler BY Kelompok /STATISTICS HOMOGENEITY /MISSING ANALYSIS /POSTHOC=TUKEY ALPHA(0.05).
Resources	Processor Time	00:00:00,02
	Elapsed Time	00:00:00,02

Multiple Comparisons

Tukey HSD

Dependent Variable	(I) Kelompok	(J) Kelompok	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval Lower Bound	95% Confidence Interval Upper Bound
SelRadang	Pulpa Normal	Kontrol Negatif	-2,000	6,407	,989	-22,52	18,52
		Dosis 25%	-23,000*	6,407	,029	-43,52	-2,48
		Dosis 50%	-29,333*	6,407	,008	-49,85	-8,81
	Kontrol Negatif	Pulpa Normal	2,000	6,407	,989	-18,52	22,52
		Dosis 25%	-21,000*	6,407	,045	-41,52	-,48
		Dosis 50%	-27,333*	6,407	,012	-47,85	-6,81
	Dosis 25%	Pulpa Normal	23,000*	6,407	,029	2,48	43,52
		Kontrol Negatif	21,000*	6,407	,045	,48	41,52
		Dosis 50%	-6,333	6,407	,760	-26,85	14,19
	Dosis 50%	Pulpa Normal	29,333*	6,407	,008	8,81	49,85
		Kontrol Negatif	27,333*	6,407	,012	6,81	47,85
		Dosis 25%	6,333	6,407	,760	-14,19	26,85
Kapiler	Pulpa Normal	Kontrol Negatif	3,000	1,650	,332	-2,28	8,28
		Dosis 25%	3,333	1,650	,257	-1,95	8,62
		Dosis 50%	5,000	1,650	,064	-,28	10,28
	Kontrol Negatif	Pulpa Normal	-3,000	1,650	,332	-8,28	2,28
		Dosis 25%	,333	1,650	,997	-4,95	5,62
		Dosis 50%	2,000	1,650	,637	-3,28	7,28
	Dosis 25%	Pulpa Normal	-3,333	1,650	,257	-8,62	1,95
		Kontrol Negatif	-,333	1,650	,997	-5,62	4,95
		Dosis 50%	1,667	1,650	,748	-3,62	6,95
	Dosis 50%	Pulpa Normal	-5,000	1,650	,064	-10,28	,28
		Kontrol Negatif	-2,000	1,650	,637	-7,28	3,28
		Dosis 25%	-1,667	1,650	,748	-6,95	3,62

*. The mean difference is significant at the 0.05 level.

ANOVA

		Sum of Squares	df	Mean Square	F	Sig.
SelRadang	Between Groups	1966,250	3	655,417	10,643	,004
	Within Groups	492,667	8	61,583		
	Total	2458,917	11			
Kapiler	Between Groups	39,000	3	13,000	3,184	,085
	Within Groups	32,667	8	4,083		
	Total	71,667	11			

Post Hoc Tests

```
NPAR TESTS
  /K-W=SelRadang BY Kelompok(1 4)
  /MISSING ANALYSIS.
```

NPar Tests

Notes

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Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics for each test are based on all cases with valid data for the variable(s) used in that test.
Syntax		NPAR TESTS /K-W=SelRadang BY Kelompok(1 4) /MISSING ANALYSIS.
Resources	Processor Time	00:00:00,00
	Elapsed Time	00:00:00,00
	Number of Cases Allowed[a]	224694

a. Based on availability of workspace memory.

Kruskal-Wallis Test

Ranks

	Kelompok	N	Mean Rank
SelRadang	Pulpa Normal	3	3,00
	Kontrol Negatif	3	4,00
	Dosis 25%	3	8,67
	Dosis 50%	3	10,33
	Total	12	

Test Statistics[a,b]

	SelRadang
Kruskal-Wallis H	8,774
df	3
Asymp. Sig.	,032

a. Kruskal Wallis Test

b. Grouping Variable: Kelompok

T-Test

Notes

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	N of Rows in Working Data File	12
Missing Value Handling	Definition of Missing	User defined missing values are treated as missing.
	Cases Used	Statistics for each analysis are based on the cases with no missing or out-of-range data for any variable in the analysis.

Syntax		T-TEST GROUPS=selradangpulpanormaldanKN(1 2) /MISSING=ANALYSIS /VARIABLES=selradangnormaldanKN /CRITERIA=CI(.95).
Resources	Processor Time	00:00:00,02
	Elapsed Time	00:00:00,17

Group Statistics

selradangpulpanormaldanKN	N	Mean	Std. Deviation	Std. Error Mean	
selradangnormaldanKN	normal	3	10.3333	6.65833	3.84419
	KN	3	12.3333	.57735	.33333

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

selradangnormaldanKN	Equal variances assumed	12.600	.024	-.518	4	.632	-2.00000	3.85861	-12.71323
	Equal variances not assumed			-.518	2.030	.655	-2.00000	3.85861	-18.36879

T-Test

Notes

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Comments		
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	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	12
Missing Value Handling	Definition of Missing	User defined missing values are treated as missing.
	Cases Used	Statistics for each analysis are based on the cases with no missing or out-of-range data for any variable in the analysis.

Syntax		T-TEST GROUPS=selradangpulpanormaldan25(1 2) /MISSING=ANALYSIS /VARIABLES=selradangnormaldanD25 /CRITERIA=CI(.95).
Resources	Processor Time	00:00:00,02
	Elapsed Time	00:00:00,11

Group Statistics

selradangpulpanormaldan25	N	Mean	Std. Deviation	Std. Error Mean	
selradangnormaldanD25	normal	3	10.3333	6.65833	3.84419
	dosis 25%	3	33.3333	8.96289	5.17472

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
selradangnormaldanD25	Equal variances assumed	.663	.461	-3.568	4	.023	-23.00000	6.44636	-40.89796	-5.10204
	Equal variances not assumed			-3.568	3.692	.027	-23.00000	6.44636	-41.50222	-4.49778

T-Test

Notes

Output Created		23-MAY-2023 10:52:43
Comments		
Input	Data	D:\FILE TIKA\TESIS TIKA\Hasil Penelitian\from dok afri\tesis hasil kak sari\UntitledSARI_LP1.sav
	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	12
Missing Value Handling	Definition of Missing	User defined missing values are treated as missing.
	Cases Used	Statistics for each analysis are based on the cases with no missing or out-of-range data for any variable in the analysis.
Syntax		T-TEST GROUPS=selradangpulpanormaldan50(1 2) /MISSING=ANALYSIS /VARIABLES=selradangnormaldan5D50 /CRITERIA=CI(.95).
Resources	Processor Time	00:00:00,02
	Elapsed Time	00:00:00,03

Group Statistics

selradangpulpanormaldan50	N	Mean	Std. Deviation	Std. Error Mean	
selradangnormaldan5D50	normal	3	10.3333	6.65833	3.84419
	dosis 50%	3	39.6667	11.01514	6.35959

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
selradangnormal dan5D50	Equal variances assumed	1.708	.261	-3.947	4	.017	-29.33333	7.43117	-49.96556	-8.70111
	Equal variances not assumed			-3.947	3.289	.024	-29.33333	7.43117	-51.84804	-6.81862

T-Test

Notes

Output Created		23-MAY-2023 10:53:09
Comments		
Input	Data	D:\FILE TIKA\TESIS TIKA\Hasil Penelitian\from dok afri\tesis hasil kak sari\UntitledSARI_LP1.sav
	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	12
Missing Value Handling	Definition of Missing	User defined missing values are treated as missing.
	Cases Used	Statistics for each analysis are based on the cases with no missing or out-of-range data for any variable in the analysis.
Syntax		T-TEST GROUPS=selradangNegatifdanD25(1 2) /MISSING=ANALYSIS /VARIABLES=selradangKNdan25 /CRITERIA=CI(.95).

Resources	Processor Time	00:00:00,02
	Elapsed Time	00:00:00,09

Group Statistics

selradangNegatifdanD25	N	Mean	Std. Deviation	Std. Error Mean
selradangKNdan25	KN	3	12.3333	.57735	.33333
	dosis 25%	3	33.3333	8.96289	5.17472

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
Selradang KNdan25	Equal variances assumed	13.565	.021	-4.050	4	.015	-21.00000	5.18545	-35.39712	-6.60288
	Equal variances not assumed			-4.050	2.017	.055	-21.00000	5.18545	-43.13614	1.13614

T-Test

Notes

Output Created		23-MAY-2023 10:53:37
Comments		
Input	Data	D:\FILE TIKA\TESIS TIKA\Hasil Penelitian\from dok afri\tesis hasil kak sari\UntitledSARI_LP1.sav
	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	12
Missing Value Handling	Definition of Missing	User defined missing values are treated as missing.

	Cases Used	Statistics for each analysis are based on the cases with no missing or out-of-range data for any variable in the analysis.
Syntax		T-TEST GROUPS=selradangNegatifdan50(1 2) /MISSING=ANALYSIS /VARIABLES=selradangKNdanD50 /CRITERIA=CI(.95).
Resources	Processor Time	00:00:00,02
	Elapsed Time	00:00:00,09

Group Statistics

selradangNegatifdan50		N	Mean	Std. Deviation	Std. Error Mean
selradangKNdanD50	KN	3	12.3333	.57735	.33333
	dosis 50%	3	39.6667	11.01514	6.35959

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
Selradang KNdanD50	assumed	13.326	.022	-4.292	4	.013	-27.33333	6.36832	-45.01464	-9.65203
	Equal variances not assumed			-4.292	2.011	.050	-27.33333	6.36832	-54.59104	-.07563

T-Test

Notes

Output Created		23-MAY-2023 10:54:03
Comments		
Input	Data	D:\FILE TIKA\TESIS TIKA\Hasil Penelitian\from dok afri\tesis hasil kak sari\UntitledSARI_LP1.sav
	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	12
Missing Value Handling	Definition of Missing	User defined missing values are treated as missing.
	Cases Used	Statistics for each analysis are based on the cases with no missing or out-of-range data for any variable in the analysis.
Syntax		T-TEST GROUPS=selradangDosis25dan50(1 2) /MISSING=ANALYSIS /VARIABLES=selradangD25danD50 /CRITERIA=CI(.95).
Resources	Processor Time	00:00:00,00
	Elapsed Time	00:00:00,03

Group Statistics

	selradangDosis25dan50	N	Mean	Std. Deviation	Std. Error Mean
selradangD25danD50	dosis 25%	3	33.3333	8.96289	5.17472
	dosis 50%	3	39.6667	11.01514	6.35959

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
selradangD25danD50	Equal variances assumed	.309	.608	-.772	4	.483	-6.33333	8.19892	-29.09717	16.43051
	Equal variances not assumed			-.772	3.841	.485	-6.33333	8.19892	-29.47309	16.80643