

LAMPIRAN 1

CARA KERJA SEDIAAN HISTOPATOLOGI

- 1) Menyiapkan wadah yang di isi dengan larutan formalin 10% buffer dengan minimal lima kali volume jaringan
- 2) Testis yang telah diambil, segera dimasukkan ke dalam wadah tersebut
- 3) Memberi identitas pada semua wadah dengan identitas masing-masing kelompok perlakuan
- 4) Dikirim ke Sentra Diagnostik Patologi Anatomi disertai dengan formulir pengantar
- 5) Preparat kemudian dipotong dengan ketebalan maksimal 3-4 cm
- 6) Setelah dipotong diletakkan di dalam kaset jaringan, dan dimasukkan ke wadah yang berisi formalin 10% buffer
- 7) Dilakukan proses pembuatan blok parafin, kemudian didinginkan di dalam lemari es
- 8) Blok parafin dipotong menjadi lebih tipis menggunakan mikrotom sesuai kebutuhan
- 9) Pita parafin dilebarkan dengan ditempelkan langsung pada kaca benda yang telah dibasahi dengan air
- 10) Dimulai dengan proses pengecatan Hematoksilin dan Eosin (HE)
- 11) Perparat diberi cat Hematoksilin
- 12) Kemudian didiferensiasi dengan menggunakan air kran
- 13) Diberi cat Eosin

- 14) Kemudian di dehidrasi menggunakan alkohol 70%
- 15) Pada proses “clearing” menggunakan larutan xylol
- 16) Mouting adalah tahap terakhir yang kemudian dapat diamati di mikroskop

LAMPIRAN 2
ETHICAL CLEARANCE

	<p>KOMISI ETIK PENELITIAN KESEHATAN (KEPK) FAKULTAS KEDOKTERAN UNIVERSITAS DIPONEGORO DAN RSUP dr KARIADI SEMARANG Sekretariat : Kantor Dekanat FK Undip Lt.3 Jl. Dr. Soetomo 18, Semarang Telp.024-8311523/Fax. 024-8446905</p>	
<p>ETHICAL CLEARANCE No.278 /EC/FK-RSDK/2014</p> <p>Komisi Etik Penelitian Kesehatan Fakultas Kedokteran Universitas Diponegoro- RSUP. Dr. Kariadi Sem</p> <p style="text-align: center;">PENGARUH PAPARAN OBAT NYAMUK TERHADAP GAMBARAN HISTOPATOLOGI SEL LEYDIG TIKUS SPRAGUE DAWLEY</p> <p>Peneliti Utama : Fariz Eka Setiawan</p> <p>Pembimbing : 1. Dr.dr. Tri Indah Winarni, M.Si.Med, PA 2. dr. Ika Pawitra Miranti, M.Kes, Sp.PA</p> <p>Penelitian : Dilaksanakan di Laboratorium Patologi Anatomi Rumah Sakit Dr. Kariadi Semarang.</p> <p>Setuju untuk dilaksanakan, dengan memperhatikan prinsip-prinsip yang dinyatakan dalam Deklarasi Helsinki 1975, yang diamended di Seoul 2008 dan Pedoman Nasional Etik Penelitian Kesehatan (PNEPK) Departemen Kesehatan RI 2011</p> <p>Pada laporan akhir peneliti harus melampirkan cara pemeliharaan & dekapitasi hewan coba dan melaporkan ke KEPK bahwa penelitian sudah selesai di lampiri Abstrak Penelitian.</p> <p style="text-align: right;">Semarang, 14 MAY 2014</p> <p style="text-align: center;">  Komisi Etik Penelitian Kesehatan Fakultas Kedokteran Undip-RSUP Dr. Kariadi Ketua, Prof.Dr.dr.Suprihati, M.Sc., Sp.THT-KL(K) NIP. 19500621197703 2 001 </p>		

LAMPIRAN 3

**HASIL PENGAMATAN JUMLAH KELOMPOK SEL LEYDIG YANG
MENGARAH KEGANASAN**

Kelompok	Jumlah Kelompok Sel
I. 08.10.04	2
I. 08.10.05	0
I. 08.10.06	1
I. 08.10.08	1
I. 08.10.10	1
III. 29.10.14	7
III. 27.10.08	7
III. 25.10.06	6
III. 25.10.05	6
III. 27.10.12	7
IV. 31.10.11	6
IV. 01.11.16	7
IV. 31.10.13	4
IV. 01.11.15	5
IV. 01.11.17	6
V. 02.10.01	1
V. 20.10.17	4
V. 15.10.09	0
V. 02.10.01	0
V. 02.10.02	3
VI. 28.10.08	6
VI. 28.10.07	4

VI. 08.10.05	3
VI. 08.10.04	3
VI. 04.10.01	5

LAMPIRAN 4

HASIL ANALISIS DATA DENGAN SPSS

Reliability

Reliability Statistics

Cronbach's Alpha	Cronbach's Alpha Based on Standardized Items	N of Items
.982	.983	2

Intraclass Correlation Coefficient

	Intraclas s Correlati on ^b	95% Confidence Interval		F Test with True Value 0			
		Lower Bound	Upper Bound	Value	df1	df2	Sig
Single Measures	.966 ^a	.926	.985	57.049	24	24	.000
Average Measures	.983 ^c	.961	.992	57.049	24	24	.000

Two-way mixed effects model where people effects are random and measures effects are fixed.

- The estimator is the same, whether the interaction effect is present or not.
- Type A intraclass correlation coefficients using an absolute agreement definition.
- This estimate is computed assuming the interaction effect is absent, because it is not estimable otherwise.

Means

Case Processing Summary

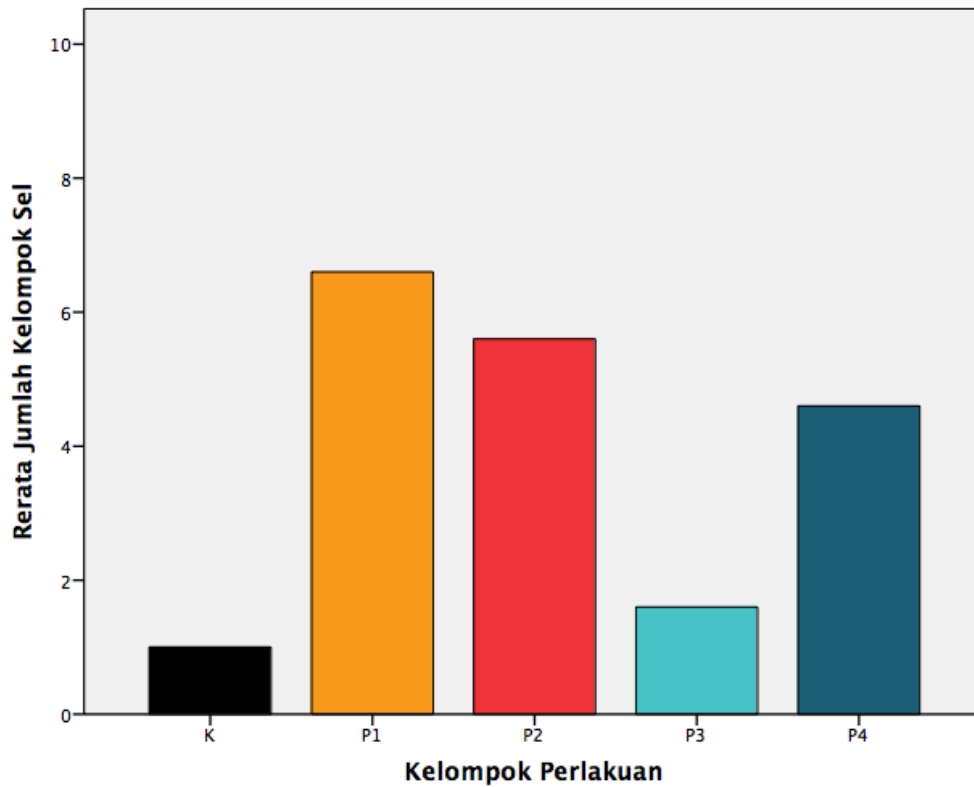
	Cases					
	Included		Excluded		Total	
	N	Percent	N	Percent	N	Percent
Jumlah_Kelompok_Sel_ganas * Kelompok	25	100.0%	0	0.0%	25	100.0%

Report

Jumlah_kelompok_sel

kelompok	Mean	Median	Minimum	Maximum	Std. Deviation
K	1.00	1.00	0	2	.707
P1	6.60	7.00	6	7	.548
P2	5.60	6.00	4	7	1.140
P3	1.60	1.00	0	4	1.817
P4	4.60	5.00	3	6	1.140
Total	3.88	4.00	0	7	2.489

Graph



Explore Kelompok

Case Processing Summary

Kelompok	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
K	5	100.0%	0	0.0%	5	100.0%
P1	5	100.0%	0	0.0%	5	100.0%
P2	5	100.0%	0	0.0%	5	100.0%
P3	5	100.0%	0	0.0%	5	100.0%
P4	5	100.0%	0	0.0%	5	100.0%

Descriptives

kelompok		Statistic	Std. Error
Jumlah_kelompok_sel	K	Mean	1.00
		95% Confidence Lower Bound	.12

	Interval for Mean	Upper Bound	1.88	
	5% Trimmed Mean		1.00	
	Median		1.00	
	Variance		.500	
	Std. Deviation		.707	
	Minimum		0	
	Maximum		2	
	Range		2	
	Interquartile Range		1	
	Skewness		.000	.913
	Kurtosis		2.000	2.000
P1	Mean		6.60	.245
	95% Confidence	Lower Bound	5.92	
	Interval for Mean	Upper Bound	7.28	
	5% Trimmed Mean		6.61	
	Median		7.00	
	Variance		.300	
	Std. Deviation		.548	
	Minimum		6	
	Maximum		7	
	Range		1	
	Interquartile Range		1	
	Skewness		-.609	.913
	Kurtosis		-3.333	2.000
P2	Mean		5.60	.510
	95% Confidence	Lower Bound	4.18	
	Interval for Mean	Upper Bound	7.02	
	5% Trimmed Mean		5.61	
	Median		6.00	
	Variance		1.300	
	Std. Deviation		1.140	
	Minimum		4	
	Maximum		7	
	Range		3	
	Interquartile Range		2	

	Skewness		- .405	.913
	Kurtosis		- .178	2.000
P3	Mean		1.60	.812
	95% Confidence Interval for Mean	Lower Bound	-.66	
		Upper Bound	3.86	
	5% Trimmed Mean		1.56	
	Median		1.00	
	Variance		3.300	
	Std. Deviation		1.817	
	Minimum		0	
	Maximum		4	
	Range		4	
	Interquartile Range		4	
	Skewness		.567	.913
	Kurtosis		-2.231	2.000
P4	Mean		4.60	.510
	95% Confidence Interval for Mean	Lower Bound	3.18	
		Upper Bound	6.02	
	5% Trimmed Mean		4.61	
	Median		5.00	
	Variance		1.300	
	Std. Deviation		1.140	
	Minimum		3	
	Maximum		6	
	Range		3	
	Interquartile Range		2	
	Skewness		-.405	.913
	Kurtosis		-.178	2.000

Test of Normality

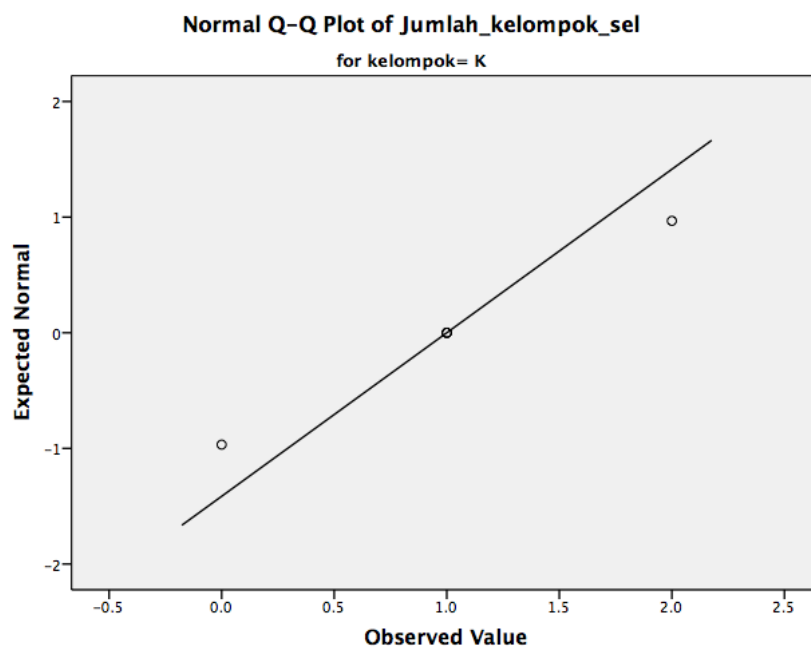
	kelo mpok	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
Jumlah_kelo	K	.300	5	.161	.883	5	.325
mpok_sel	P1	.367	5	.026	.684	5	.006

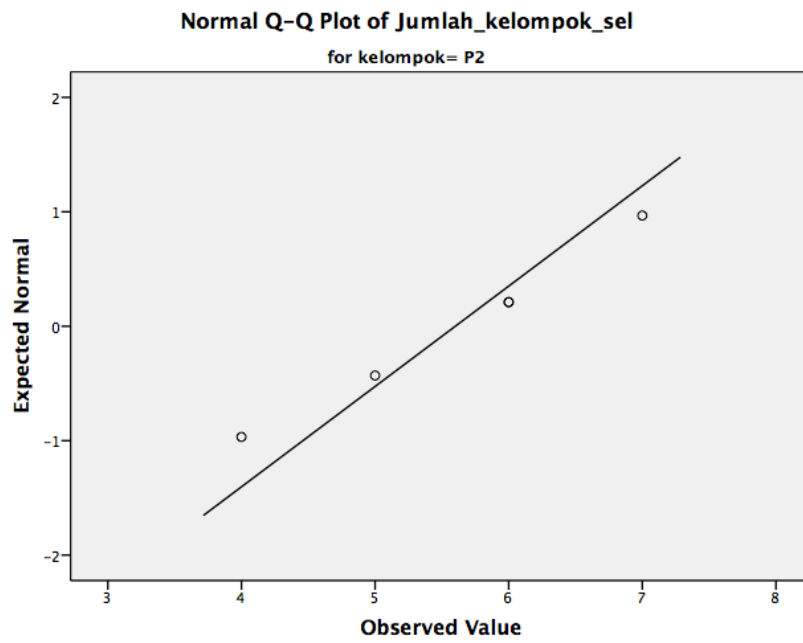
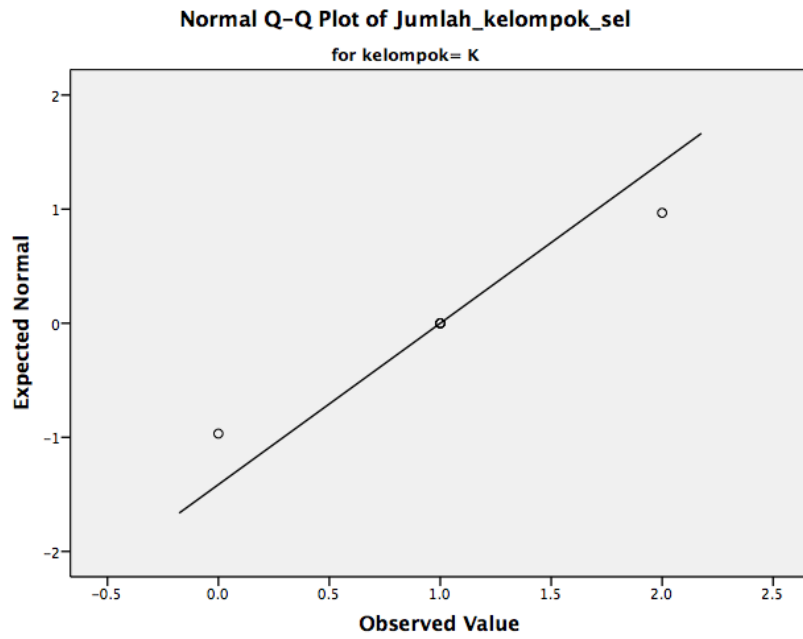
P2	.237	5	.200*	.961	5	.814
P3	.229	5	.200*	.867	5	.254
P4	.237	5	.200*	.961	5	.814

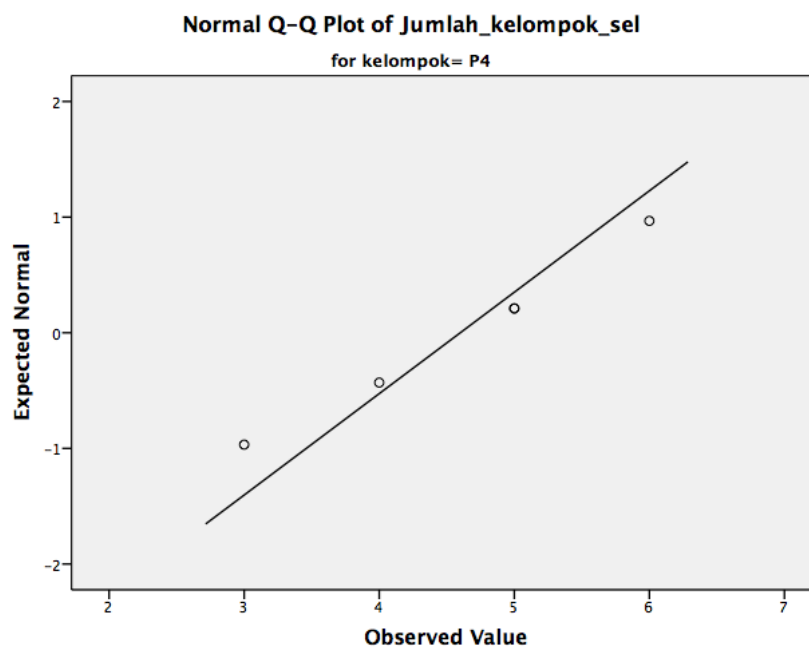
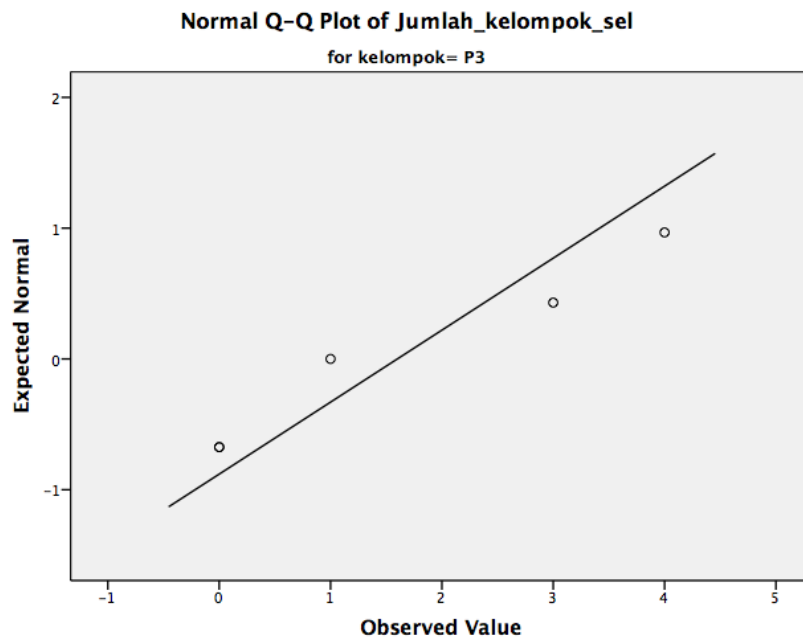
*. This is a lower bound of the true significance.

a. Lilliefors Significance Correction

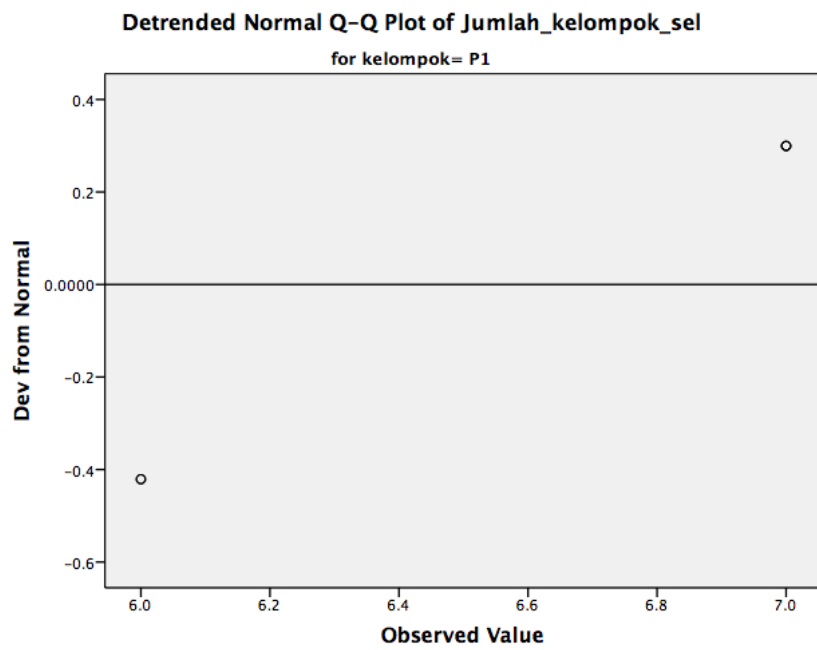
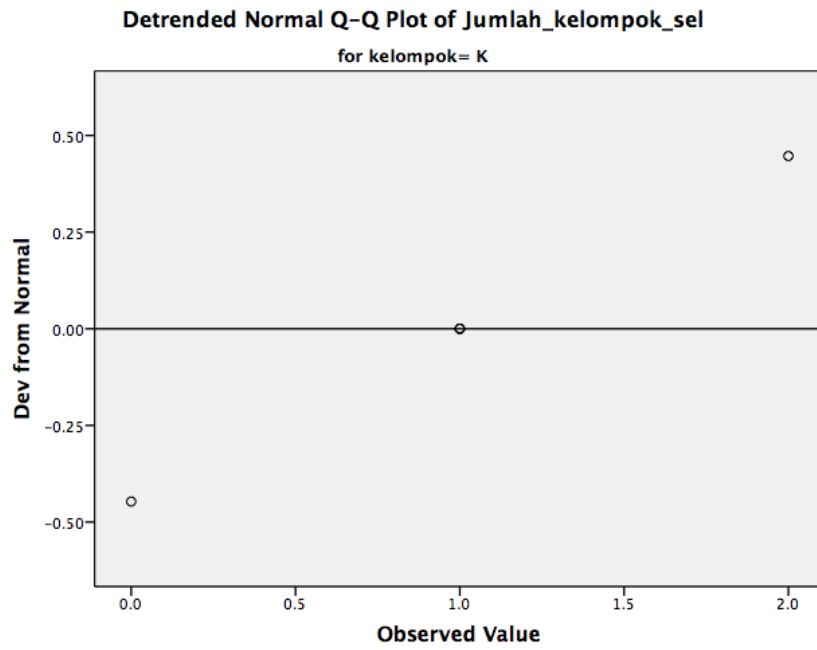
Jumlah Sel ganas Normal Q-Q Plots

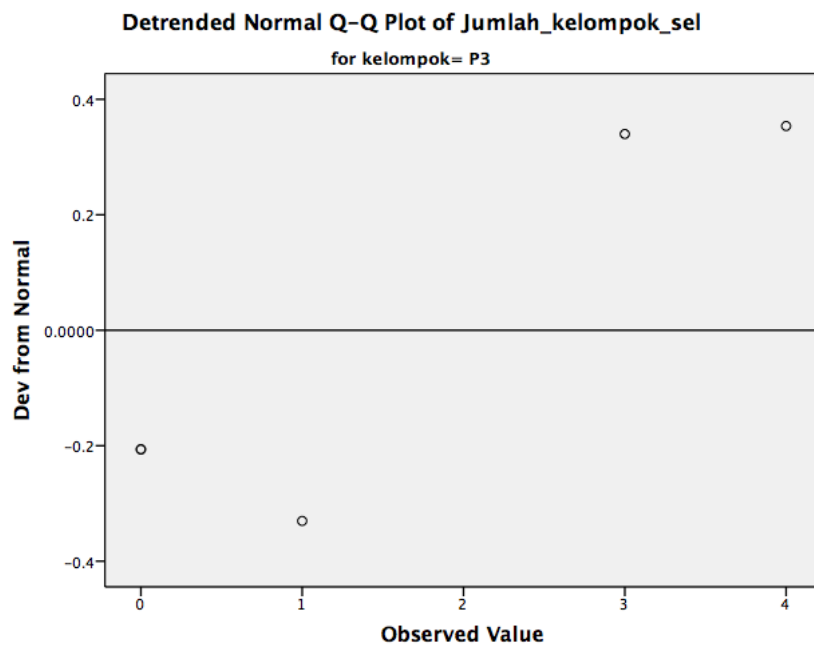
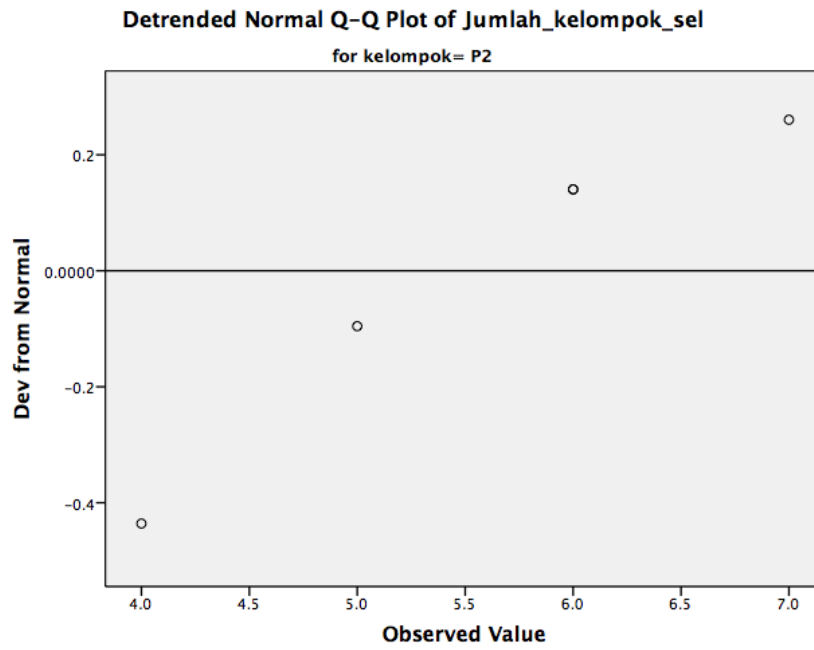


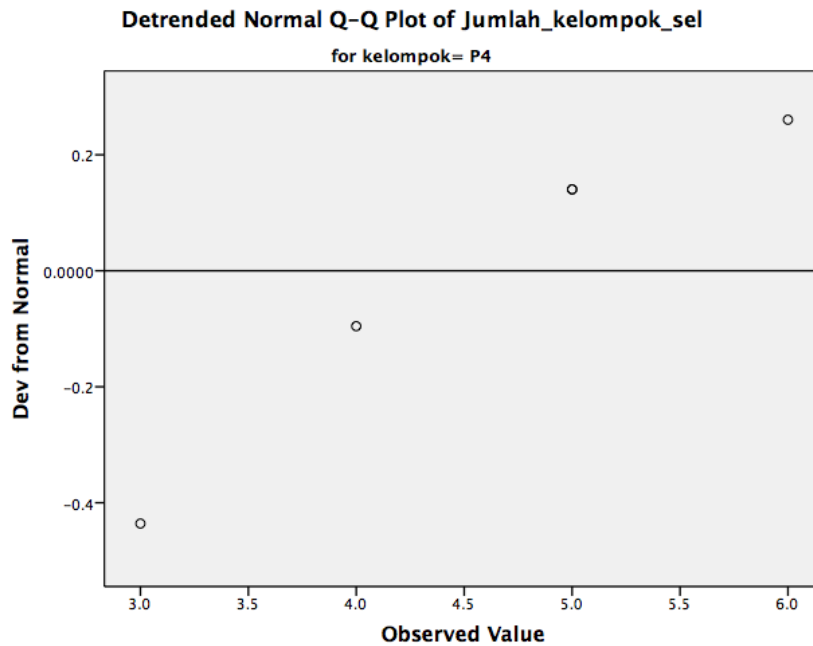




Detrended Normal Q-Q Plots







NPar Tests

Kruskal-Wallis Test

Ranks			
	kelompok	N	Mean Rank
Jumlah_kelompok_sel	K	5	5.30
	P1	5	21.70
	P2	5	17.70
	P3	5	6.20
	P4	5	14.10
	Total	25	

Test Statistics^{a,b}

	Jumlah_kelompok_sel
Chi-Square	19.272
df	4
Asymp. Sig.	.001

a. Kruskal Wallis Test

b. Grouping Variable: kelompok

NPar Tests: K vs P1
Mann-Whitney Test

		Ranks		
	kelompok	N	Mean Rank	Sum of Ranks
Jumlah_kelompok_sel	K	5	3.00	15.00
	P1	5	8.00	40.00
	Total	10		

Test Statistics^a

	Jumlah_kelompok_sel
Mann-Whitney U	.000
Wilcoxon W	15.000
Z	-2.685
Asymp. Sig. (2-tailed)	.007
Exact Sig. [2*(1-tailed Sig.)]	.008 ^b

a. Grouping Variable: kelompok

b. Not corrected for ties.

NPar Tests: K vs P2
Mann-Whitney Test

		Ranks		
	kelompok	N	Mean Rank	Sum of Ranks
Jumlah_kelompok_sel	K	5	3.00	15.00
	P2	5	8.00	40.00
	Total	10		

Test Statistics^a

	Jumlah_kelompok_sel
Mann-Whitney U	.000
Wilcoxon W	15.000
Z	-2.652

Asymp. Sig. (2-tailed)	.008
Exact Sig. [2*(1-tailed Sig.)]	.008 ^b

a. Grouping Variable: kelompok

b. Not corrected for ties.

NPar Tests: K vs P3 Mann-Whitney Test

	kelompok	N	Mean Rank	Sum of Ranks
Jumlah_kelompok_sel	K	5	5.30	26.50
	P3	5	5.70	28.50
	Total	10		

Test Statistics^a

	Jumlah_kelompok_sel
Mann-Whitney U	11.500
Wilcoxon W	26.500
Z	-.218
Asymp. Sig. (2-tailed)	.827
Exact Sig. [2*(1-tailed Sig.)]	.841 ^b

a. Grouping Variable: kelompok

b. Not corrected for ties.

NPar Tests: K vs P4 Mann-Whitney Test

	kelompok	N	Mean Rank	Sum of Ranks
Jumlah_kelompok_sel	K	5	3.00	15.00
	P4	5	8.00	40.00

Total	10		
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Test Statistics^a

	Jumlah_kelompok_sel
Mann-Whitney U	.000
Wilcoxon W	15.000
Z	-2.652
Asymp. Sig. (2-tailed)	.008
Exact Sig. [2*(1-tailed Sig.)]	.008 ^b

a. Grouping Variable: kelompok

b. Not corrected for ties.

NPar Tests : P1 vs P2

Mann-Whitney Test

Ranks

	kelompok	N	Mean Rank	Sum of Ranks
Jumlah_kelompok_sel	P1	5	6.90	34.50
	P2	5	4.10	20.50
	Total	10		

Test Statistics^a

	Jumlah_kelompok_sel
Mann-Whitney U	5.500
Wilcoxon W	20.500
Z	-1.560
Asymp. Sig. (2-tailed)	.119
Exact Sig. [2*(1-tailed Sig.)]	.151 ^b

- a. Grouping Variable: kelompok
b. Not corrected for ties.

NPar Tests : P1 vs P3
Mann-Whitney Test

Ranks				
	kelompok	N	Mean Rank	Sum of Ranks
Jumlah_kelompok_sel	P1	5	8.00	40.00
	P3	5	3.00	15.00
	Total	10		

Test Statistics^a

	Jumlah_kelompok_sel
Mann-Whitney U	.000
Wilcoxon W	15.000
Z	-2.660
Asymp. Sig. (2-tailed)	.008
Exact Sig. [2*(1-tailed Sig.)]	.008 ^b

- a. Grouping Variable: kelompok
b. Not corrected for ties.

NPar Tests : P1 vs P4
Mann-Whitney Test

Ranks				
	kelompok	N	Mean Rank	Sum of Ranks
Jumlah_kelompok_	P1	5	7.80	39.00

sel	P4	5	3.20	16.00
	Total	10		

Test Statistics^a

	Jumlah_kelompok_sel
Mann-Whitney U	1.000
Wilcoxon W	16.000
Z	-2.471
Asymp. Sig. (2-tailed)	.013
Exact Sig. [2*(1-tailed Sig.)]	.016 ^b

a. Grouping Variable: kelompok

b. Not corrected for ties.

NPar Tests : P2 vs P3

Mann-Whitney Test

Ranks

	kelompok	N	Mean Rank	Sum of Ranks
Jumlah_kelompok_sel	P2	5	7.90	39.50
	P3	5	3.10	15.50
	Total	10		

Test Statistics^a

	Jumlah_kelompok_sel
Mann-Whitney U	.500
Wilcoxon W	15.500
Z	-2.530

Asymp. Sig. (2-tailed)	.011
Exact Sig. [2*(1-tailed Sig.)]	.008 ^b

- a. Grouping Variable: kelompok
b. Not corrected for ties.

NPar Tests : P2 vs P4 Mann-Whitney Test

		Ranks		
	kelompok	N	Mean Rank	Sum of Ranks
Jumlah_kelompok_sel	P2	5	6.70	33.50
	P4	5	4.30	21.50
	Total	10		

Test Statistics^a

	Jumlah_kelompok_sel
Mann-Whitney U	6.500
Wilcoxon W	21.500
Z	-1.289
Asymp. Sig. (2-tailed)	.197
Exact Sig. [2*(1-tailed Sig.)]	.222 ^b

- a. Grouping Variable: kelompok
b. Not corrected for ties.

NPar Tests : P3 vs P4

Mann-Whitney Test

Ranks

	kelompok	N	Mean Rank	Sum of Ranks
Jumlah_kelompok_sel	P3	5	3.40	17.00
	P4	5	7.60	38.00
	Total	10		

Test Statistics^a

	Jumlah_kelompok_sel
Mann-Whitney U	2.000
Wilcoxon W	17.000
Z	-2.220
Asymp. Sig. (2-tailed)	.026
Exact Sig. [2*(1-tailed Sig.)]	.032 ^b

a. Grouping Variable: kelompok

b. Not corrected for ties.

LAMPIRAN5

DOKUMENTASI PENELITIAN



LAMPIRAN 6

LEMBAR PENGAMBILAN DATA PENELITIAN

PENGARUH PAPARAN OBAT NYAMUK PADA KELAINAN GAMBARAN HISTOLOGI SEL LEYDIG TESTIS TIKUS SPRAGUE DAWLEY

Hari/Tanggal :	Kelompok :	Peneliti :
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Kriteria Diagnostik Sel Leydig yang Mengarah Keganasan :

- Sel uniform, besar, poligonal
- Sitoplasma bergranuler dan bervakuol dengan akumulasi lipid
- Nukleus bulat prominen

Grup Kontrol

1. =
2. =
3. =
4. =
5. =

Grup Perlakuan 1

1. =
2. =
3. =
4. =
5. =

Grup Perlakuan 2

1. =
2. =
3. =
4. =
5. =

Grup Perlakuan 4

1. =
2. =
3. =
4. =

5. =

Grup Perlakuan 5

1. =

2. =

3. =

4. =

5. =

LAMPIRAN 7
CURRICULUM VITAE

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Curriculum Vitae

Personal Information

Name	Anindyo Abshar Andar
Address	JL. Tumpang Raya 74 Semarang, Central Java
Telephone	081390222220
E-mail address	anindyoandar@gmail.com
Nationality	Indonesia
Date of birth	Bandung, 12 th June 1994
Gender	Male
Status	Unmarried
Year of recent medical student	8 th semester of medical students
GPA	3,23

**Work Experience and
Organization**

Dates	2011-2013
Occupation or position held	Staff of Student Resources Development Department Student Executive board of Medical Faculty of
Name and Address of employer	Diponegoro University
Dates	2011- present
Occupation or position held	Player
Name and Address of employer	Medical Basketball, Medical Faculty of Diponegoro

Dates	2012
Occupation or position held	Dancer of the Medical Traditional Dance
Name and Address of employer	Medical Faculty of Diponegoro University
Dates	2012
Occupation or position held	Staff / Singer
Name and Address of employer	Medical Diponegoro Choir ,Medical Faculty of Diponegoro University
Dates	2012
Occupation or position held	Coordinator of Publication and Documentation
Name and Address of employer	Admission of new student 2012, Medical Faculty of Diponegoro University
Dates	2012
Occupation or position held	Head of organizing committee
Name and Address of employer	Basic Organization Training, Student Executive Board of Medical Faculty of Diponegoro University
Dates	2014 - present
Occupation or position held	Head of Medical Student Nature Lover
Name and Address of employer	Mahasiswa Pecinta Alam (MALADICA) , Medical Faculty of Diponegoro University
Dates	2014 - present
Occupation or position held	Staff of Training and Education

Name and Address of employer	Indonesian Medical Students Emergency Team Association
Education	1997 - 1999, TK Pertiwi, Semarang 1999 - 2005, SD Sompok Semarang, Jawa Tengah 2005 - 2008, SMP PL Domenico Savio, Semarang, Jawa Tengah 2008 - 2011, SMA Negeri 5 Semarang, Jawa Tengah 2011 - Present, Faculty of Medicine Diponegoro University
Course and Training	
Dates /Name of course	2011/Basic Organization Training, Student Executive board of Medical Faculty of Diponegoro University
Dates /Name of course	2012/ Medical Training Circumcision, Student Executive board of Medical Faculty of Diponegoro University
Dates /Name of course	2013/Workshop of First aid emergency, Medical Faculty of Diponegoro University
Dates /Name of course	2013/ Latihan Gabungan (Search and Rescue training), Medical Faculty of Sebelas Maret University, Surakarta.
Dates /Name of course	2013/ Medical Emergency Rescue (Mass Casualty Disaster management), Yogyakarta
Dates /Name of course	2014/ Medical Emergency Rescue (Water Safety), Medical Faculty of Indonesian Islamic

Personal skills and competences

Mother language	Indonesia
Other languages	English
Computer skills and competences	Microsoft office (Word, Excel, Power Point), Adobe Photoshop
Personal interest	<ol style="list-style-type: none">1. Anesthesiology2. Obstetry and gynecology
Achievements	<ol style="list-style-type: none">1. First winner basketball medical Championship 2012,2013,2014