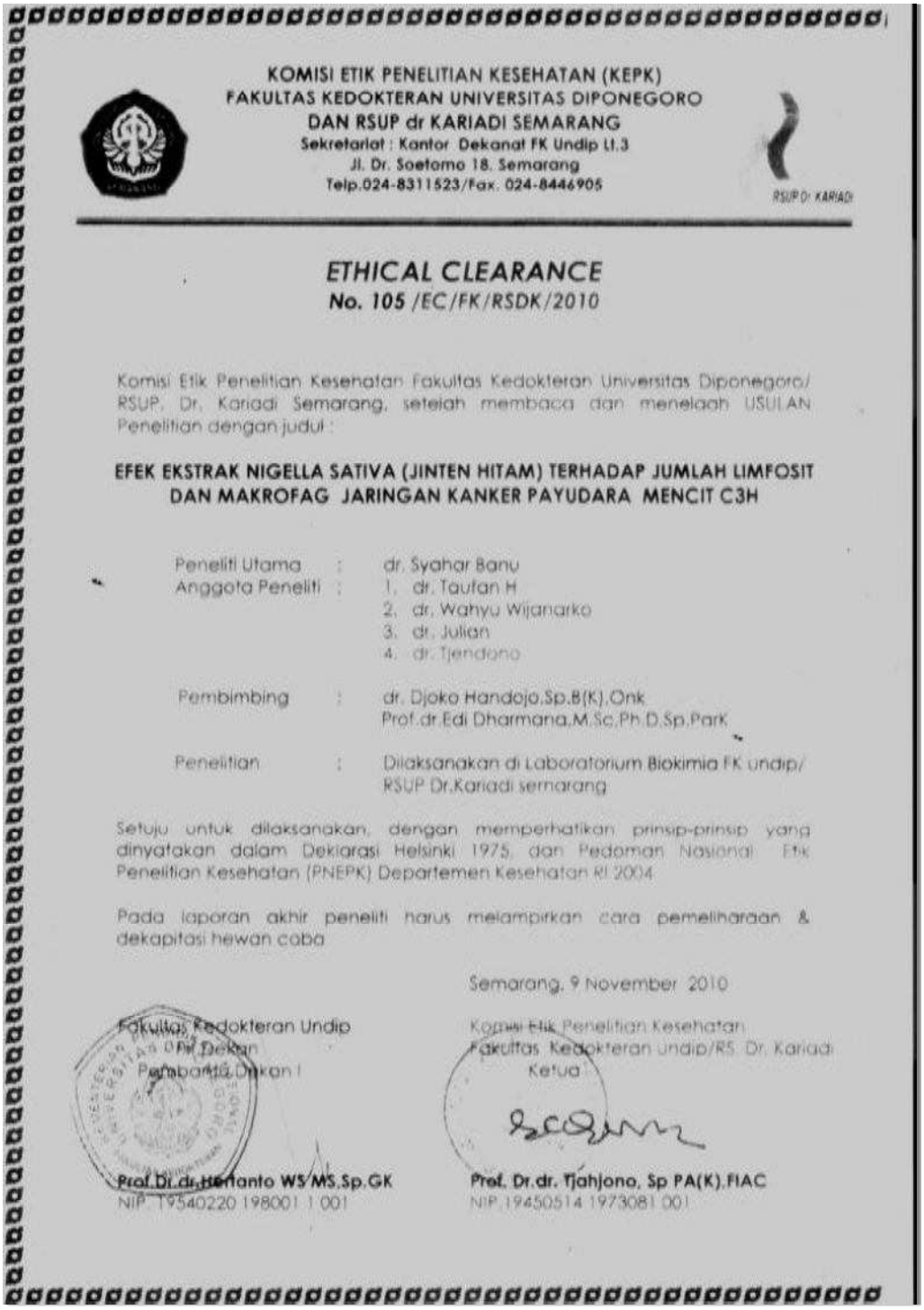
Lampiran 1.

ETHICAL CLEARANCE



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

RSUP Dr. KARIADI

ETHICAL CLEARANCE
No. 105 /EC/FK/RSDK/2010

Komisi Etik Penelitian Kesehatan Fakultas Kedokteran Universitas Diponegoro/ RSUP. Dr. Kariadi Semarang, setelah membaca dan menelaah USULAN Penelitian dengan judul :

EFEK EKSTRAK NIGELLA SATIVA (JINTEN HITAM) TERHADAP JUMLAH LIMFOSIT DAN MAKROFAG JARINGAN KANKER PAYUDARA MENCIT C3H

Peneliti Utama	:	dr. Syahar Banu
Anggota Peneliti	:	1. dr. Taufan H 2. dr. Wahyu Wijanarko 3. dr. Julian 4. dr. Tjendono
Pembimbing	:	dr. Djoko Handojo,Sp.B(K),Onk Prof.dr.Edi Dharmana,M.Sc,Ph.D,Sp.ParK
Penelitian	:	Dilaksanakan di Laboratorium Biokimia FK undip/ RSUP Dr.Kariadi semarang

Setuju untuk dilaksanakan, dengan memperhatikan prinsip-prinsip yang dinyatakan dalam Deklarasi Helsinki 1975, dan Pedoman Nasional Etik Penelitian Kesehatan (PNEPK) Departemen Kesehatan RI 2004

Pada laporan akhir peneliti harus melampirkan cara pemeliharaan & dekapitasi hewan coba

Semarang, 9 November 2010

Fakultas Kedokteran Undip
Pd. Dekan
Pembantu Dekan I

Prof.Dr.dr.Hertanto WS/MS.Sp.GK
NIP. 19540220 198001 1 001

Komisi Etik Penelitian Kesehatan
Fakultas Kedokteran undip/RS. Dr. Kariadi
Ketua

Prof. Dr.dr. Tjahjono, Sp PA(K).FIAC
NIP.19450514 1973081 001

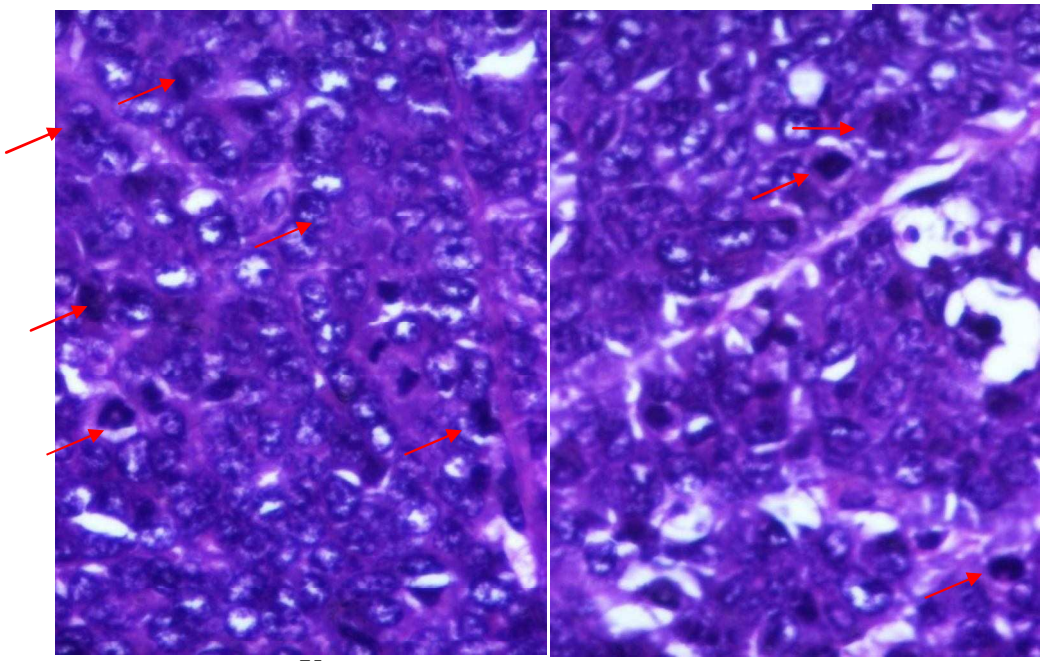
Lampiran 2.

Foto mencit yang sudahdiinokulasi tumor

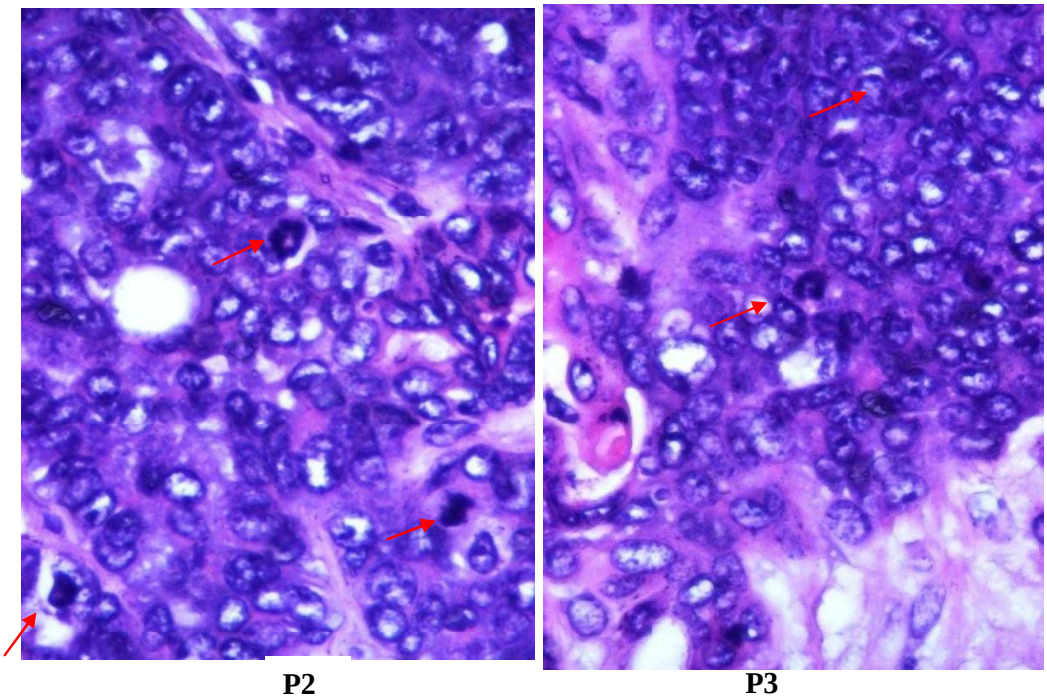
Cara pemberian sonde NS

Pengukuran diameter massa tumor dengan caliper (CaliPro^{R})

Lampiran 3. Sel mitosis pada jaringan adenokarssinoma mamma



K **P1**



P2 **P3**

Gambar histopatologi jaringan adenokarsinoma mamma mencit C3H dengan pengecatan HE dan pembesaran 400x.
Keterangan : sel yang sedang mitosis ditunjukkan dengan tanda panah (↗)

Lampiran 4.
Explorasi
Kelompok Perlakuan

		Cases					
		Valid		Missing		Total	
	KELOMPOK	N	Percent	N	Percent	N	Percent
IND_MITO	1	6	100,0%	0	,0%	6	100,0%
	2	6	100,0%	0	,0%	6	100,0%
	3	6	100,0%	0	,0%	6	100,0%
	4	6	100,0%	0	,0%	6	100,0%

		Cases					
		Valid		Missing		Total	
	KELOMPOK	N	Percent	N	Percent	N	Percent
DIAMETER	1	6	100,0%	0	,0%	6	100,0%
	2	6	100,0%	0	,0%	6	100,0%
	3	6	100,0%	0	,0%	6	100,0%
	4	6	100,0%	0	,0%	6	100,0%

Test Of Normality
Indeks Mitosis

		Kolmogorov-Smirnov(a)			Shapiro-Wilk		
	KELOMPOK	Statistic	df	Sig.	Statistic	df	Sig.
IND_MITO	1	,293	6	,117	,822	6	,091
	2	,163	6	,200(*)	,940	6	,655
	3	,223	6	,200(*)	,908	6	,421
	4	,293	6	,117	,822	6	,091

* This is a lower bound of the true significance.
a Lilliefors Significance Correction

Perubahan diameter massa tumor

		Kolmogorov-Smirnov(a)			Shapiro-Wilk		
	KELOMPOK	Statistic	df	Sig.	Statistic	df	Sig.
DIAMETER	1	,210	6	,200(*)	,893	6	,332
	2	,281	6	,149	,798	6	,057
	3	,201	6	,200(*)	,939	6	,648
	4	,270	6	,194	,806	6	,067

	KELOMPOK			Statistic	Std. Error
IND_MITO	1	Mean		4,2667	,06667
		95% Confidence Interval for Mean	Lower Bound	4,0953	
			Upper Bound	4,4380	
		5% Trimmed Mean		4,2741	
		Median		4,3000	
		Variance		,027	
		Std. Deviation		,16330	
		Minimum		4,00	
		Maximum		4,40	
		Range		,40	
		Interquartile Range		,2500	
		Skewness		-,857	,845
		Kurtosis		-,300	1,741
	2	Mean		3,4817	,06745
		95% Confidence Interval for Mean	Lower Bound	3,3083	
			Upper Bound	3,6551	
		5% Trimmed Mean		3,4874	
		Median		3,5150	
		Variance		,027	
		Std. Deviation		,16522	
		Minimum		3,20	
		Maximum		3,66	
		Range		,46	
		Interquartile Range		,2650	
		Skewness		-1,014	,845
		Kurtosis		,860	1,741
	3	Mean		2,8333	,09545
		95% Confidence Interval for Mean	Lower Bound	2,5880	
			Upper Bound	3,0787	
		5% Trimmed Mean		2,8259	
		Median		2,8000	
		Variance		,055	

		Std. Deviation		,23381	
		Minimum		2,60	
		Maximum		3,20	
		Range		,60	
		Interquartile Range		,4500	
		Skewness		,668	,845
		Kurtosis		-,446	1,741
	4	Mean		2,3333	,06667
		95% Confidence Interval for Mean	Lower Bound	2,1620	
			Upper Bound	2,5047	
		5% Trimmed Mean		2,3259	
		Median		2,3000	
		Variance		,027	
		Std. Deviation		,16330	
		Minimum		2,20	
		Maximum		2,60	
		Range		,40	
		Interquartile Range		,2500	
		Skewness		,857	,845
		Kurtosis		-,300	1,741

	KELOMPOK			Statistic	Std. Error
DIAMETER	1	Mean		1,5250	,07932
		95% Confidence Interval for Mean	Lower Bound	1,3211	
			Upper Bound	1,7289	
		5% Trimmed Mean		1,5250	
		Median		1,5500	
		Variance		,038	
		Std. Deviation		,19429	
		Minimum		1,30	
		Maximum		1,75	
		Range		,45	
		Interquartile Range		,4125	
		Skewness		-,230	,845
		Kurtosis		-1,997	1,741
	2	Mean		1,0367	,04558
		95% Confidence Interval for Mean	Lower Bound	,9195	
			Upper Bound	1,1538	
		5% Trimmed Mean		1,0324	
		Median		,9850	
		Variance		,012	
		Std. Deviation		,11165	
		Minimum		,95	

	Maximum		1,20	
	Range		,25	
	Interquartile Range		,2125	
	Skewness		,831	,845
	Kurtosis		-1,539	1,741
3	Mean		,6533	,05684
	95% Confidence Interval for Mean	Lower Bound	,5072	
		Upper Bound	,7995	
	5% Trimmed Mean		,6493	
	Median		,6250	
	Variance		,019	
	Std. Deviation		,13924	
	Minimum		,49	
	Maximum		,89	
	Range		,40	
	Interquartile Range		,1975	
	Skewness		,922	,845
	Kurtosis		1,046	1,741
4	Mean		,4650	,06985
	95% Confidence Interval for Mean	Lower Bound	,2855	
		Upper Bound	,6445	
	5% Trimmed Mean		,4550	
	Median		,3900	
	Variance		,029	
	Std. Deviation		,17108	
	Minimum		,34	
	Maximum		,77	
	Range		,43	
	Interquartile Range		,2725	
	Skewness		1,442	,845
	Kurtosis		1,389	1,741

Oneway

ANOVA

IND_MITO

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	12,596	3	4,199	124,134	,000
Within Groups	,676	20	,034		
Total	13,273	23			

ANOVA

DIAMETER

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	3,947	3	1,316	53,221	,000
Within Groups	,494	20	,025		
Total	4,441	23			

Post Hoc Tests

Indeks Mitosis

Multiple Comparisons

Dependent Variable: IND_MITO
Bonferroni

(I) KELOMPOK	(J) KELOMPOK	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
1	2	,7850(*)	,10618	,000	,4742	1,0958
	3	1,4333(*)	,10618	,000	1,1225	1,7441
	4	1,9333(*)	,10618	,000	1,6225	2,2441
2	1	-,7850(*)	,10618	,000	-1,0958	-,4742
	3	,6483(*)	,10618	,000	,3375	,9591
	4	1,1483(*)	,10618	,000	,8375	1,4591
3	1	-1,4333(*)	,10618	,000	-1,7441	-1,1225
	2	-,6483(*)	,10618	,000	-,9591	-,3375
	4	,5000(*)	,10618	,001	,1892	,8108
4	1	-1,9333(*)	,10618	,000	-2,2441	-1,6225
	2	-1,1483(*)	,10618	,000	-1,4591	-,8375
	3	-,5000(*)	,10618	,001	-,8108	-,1892

* The mean difference is significant at the .05 level.

Perubahan Diameter Massa Tumor

Multiple Comparisons

Dependent Variable: DIAMETER
Bonferroni

(I) KELOMPOK	(J) KELOMPOK	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
1	2	,4883(*)	,09077	,000	,2226	,7540
	3	,8717(*)	,09077	,000	,6060	1,1374
	4	1,0600(*)	,09077	,000	,7943	1,3257
2	1	-,4883(*)	,09077	,000	-,7540	-,2226
	3	,3833(*)	,09077	,003	,1176	,6490
	4	,5717(*)	,09077	,000	,3060	,8374
3	1	-,8717(*)	,09077	,000	-1,1374	-,6060
	2	-,3833(*)	,09077	,003	-,6490	-,1176
	4	,1883	,09077	,307	-,0774	,4540
4	1	-1,0600(*)	,09077	,000	-1,3257	-,7943
	2	-,5717(*)	,09077	,000	-,8374	-,3060
	3	-,1883	,09077	,307	-,4540	,0774

* The mean difference is significant at the .05 level.

Correlations

		IND_MITO	DIAMETER
IND_MITO	Pearson Correlation	1	,910(**)
	Sig. (2-tailed)	.	,000
	N	24	24
DIAMETER	Pearson Correlation	,910(**)	1
	Sig. (2-tailed)	,000	.
	N	24	24