IR-PERPUSTAKAAN UNIVERSITAS AIRLANGGA

Lampiran : 1

Pengukuran beda tegangan listrik titik akupunktur no.49 kiri dan titik akupunktur no.49 kanan tanpa blok

t-tests for independent samples of KLP kelompok perlakuan

Variable	Number of Cases	Mean	SD	SE of Mean
KRKN_1.1 beda kiri-kanan 1.1				
kanan	808	54.4022	102.365	3.601
kiri	808	51.3874	91.341	3.213

Mean Difference = 3.0149

Levene's Test for Equality of Variances: F= 18.808 P= .000

t-test for Equality of Means Variances	t-value	df	2-Tail Sig	SE of Diff	95% CI for Diff
Equal	.62	1614	.532	4.826	(-6.454, 12.484)
Unequal	.62	1593.49	.532	4.826	(-6.454, 12.484)

Keterangan Grafik :

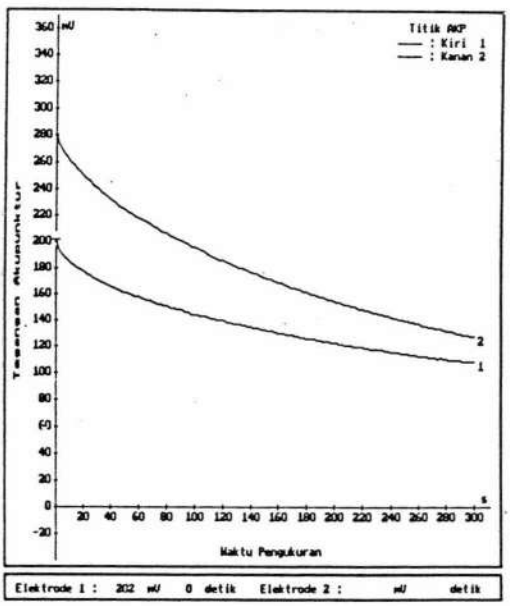
Angka 1 (elektrode 1) = profil tegangan listrik titik akupunktur no. 49 sisi kiri

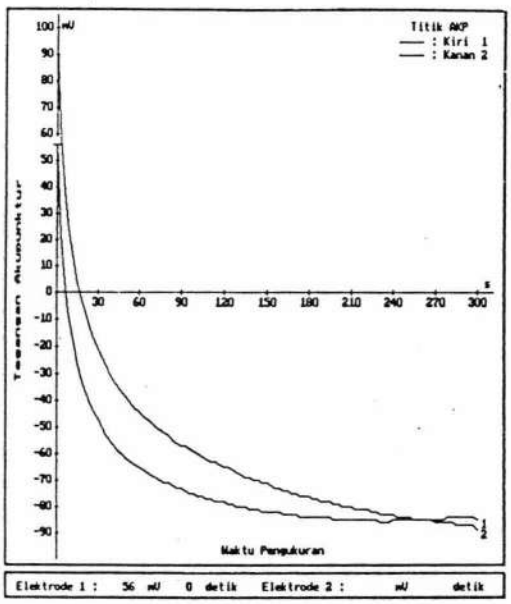
Angka 2 (elektrode 2) = profil tegangan listrik titik akupunktur no. 49 sisi kanan (kontrol)

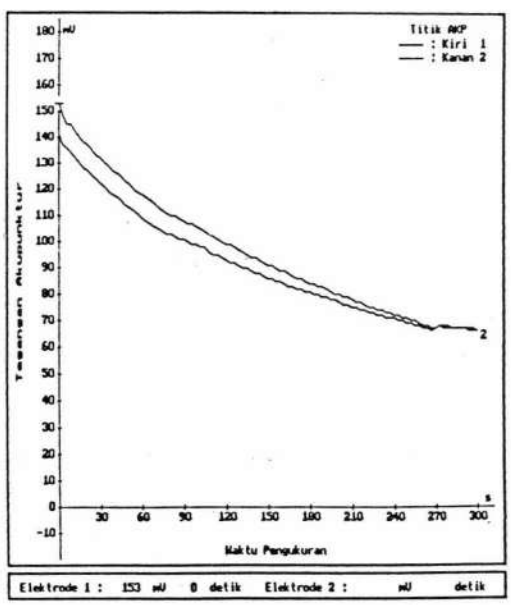
IR-PERPUSTAKAAN UNIVERSITAS AIRLANGGA

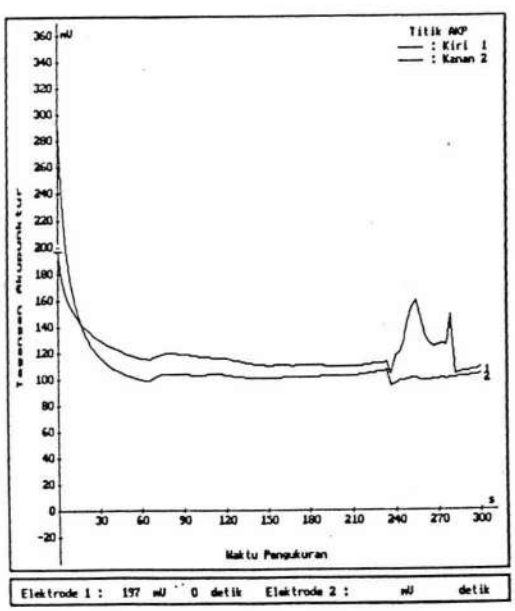
Lampiran : 1 A

Profil beda tegangan listrik titik akupunktur no. 49 kiri dan titik akupunktur no. 49 kanan tanpa blok





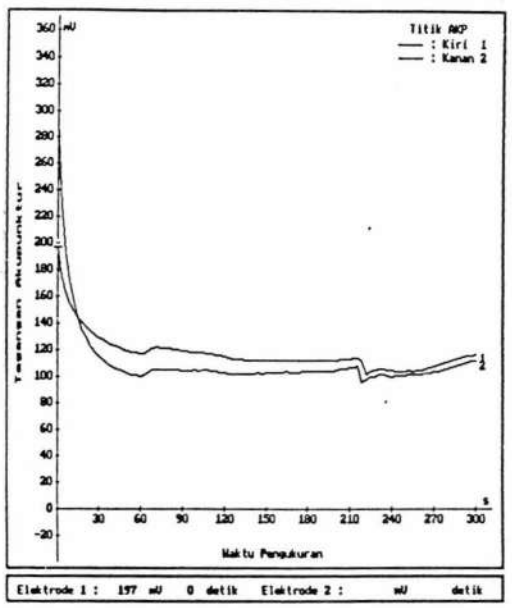


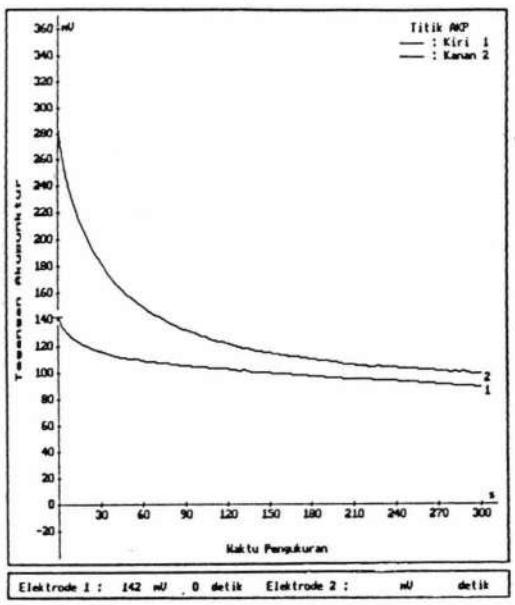


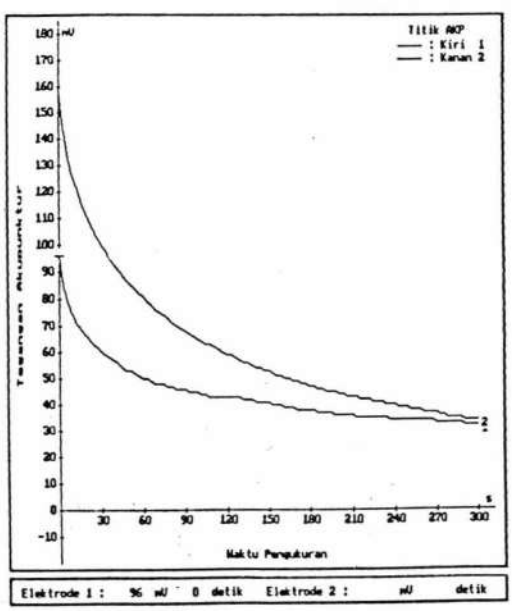
IR-PERPUSTAKAAN UNIVERSITAS AIRLANGGA

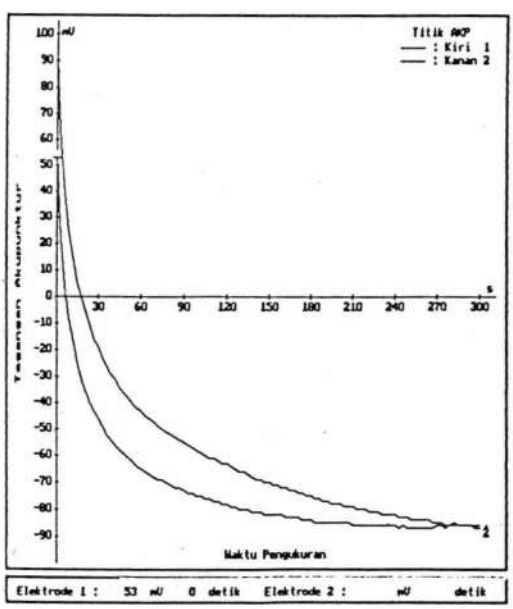
Lampiran : 1 B

Profil beda tegangan listrik titik akupunktur no. 49 kiri dan titik akupunktur no. 49 kanan tanpa blok









IR-PERPUSTAKAAN UNIVERSITAS AIRLANGGA

Lampiran : 2

Pengukuran beda tegangan listrik titik akupunktur no. 49 kiri dengan blok 0,1 ml verapamil 2 mg/ml – titik akupunktur no. 49 kanan tanpa blok

t-tests for independent samples of KLP kelompok perlakuan

Variable	Number of Cases	Mean	SD	SE of Mean
KIBLKAKT kiri blok - kanan kontrol				
kanan tanpa blok	808	82.0371	34.360	1.209
kiri blok verapam	808	40.1683	17.099	.602

Mean Difference = 41.8688

Levene's Test for Equality of Variances: F=261.508 P= .000

t-test for Equality of Means Variances	t-value	df	2-Tail Sig	SE of Diff	95% CI for Diff
Equal	31.01	1614	.000	1.350	(39.220, 44.518)
Unequal	31.01	1183.60	.000	1.350	(39.219, 44.518)

Keterangan Grafik :

Angka 1 (elektrode 1) = profil beda tegangan listrik titik akupunktur no.49 kiri dengan blok 0,1 ml verapamil 2 mg/ml

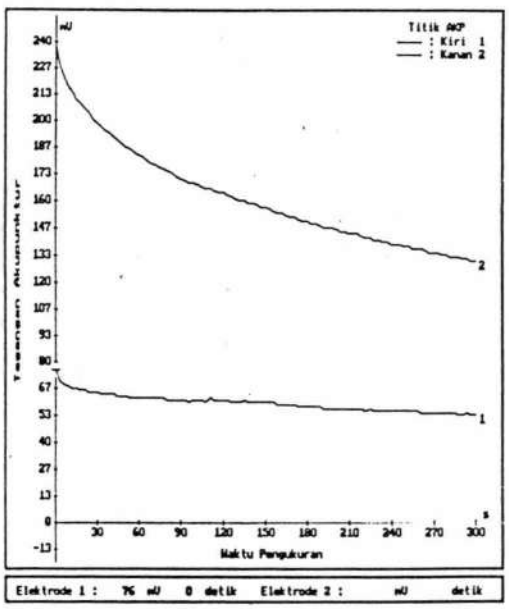
Angka 2 (elektrode 2) = profil beda tegangan listrik titik akupunktur no. 49 kanan tanpa blok sebagai titik kontrol

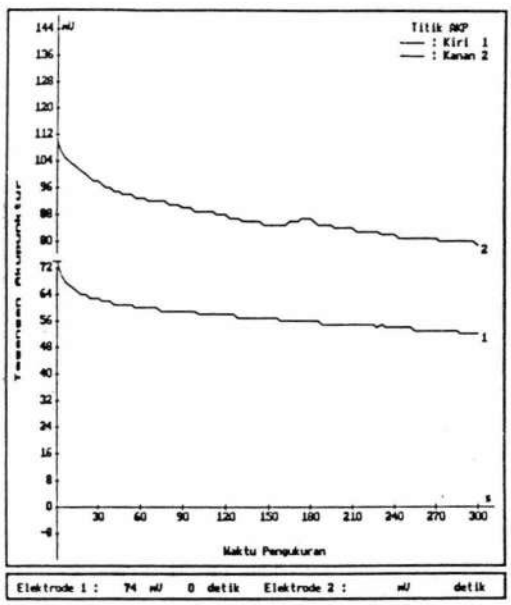
IR-PERPUSTAKAAN UNIVERSITAS AIRLANGGA

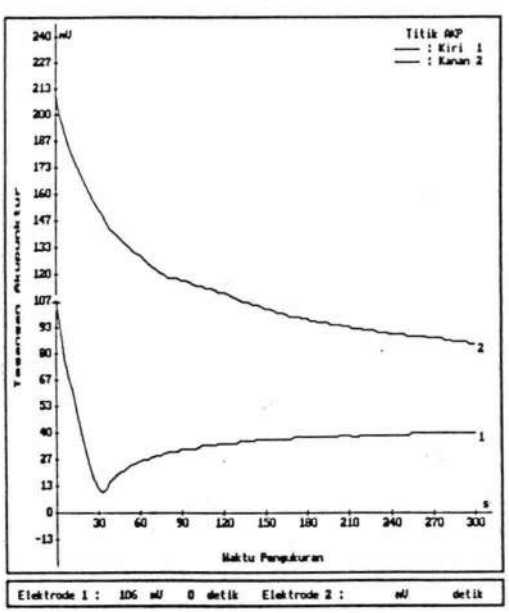
Lampiran : 2A

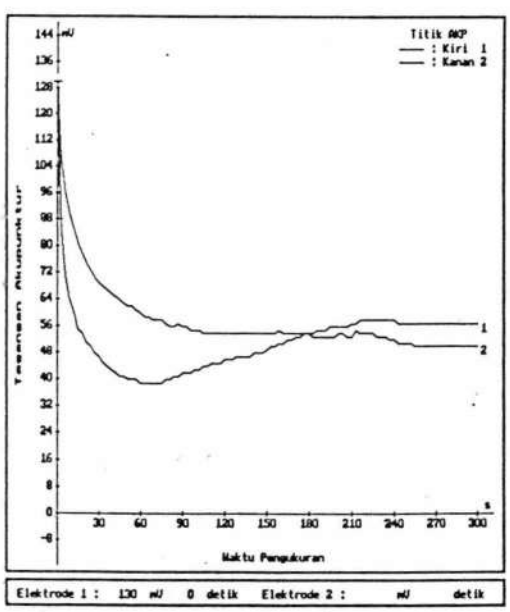
Profil beda tegangan listrik titik akupunktur no. 49 kiri blok

0,1 ml verapamil 2 mg/ml - kanan tanpa blok







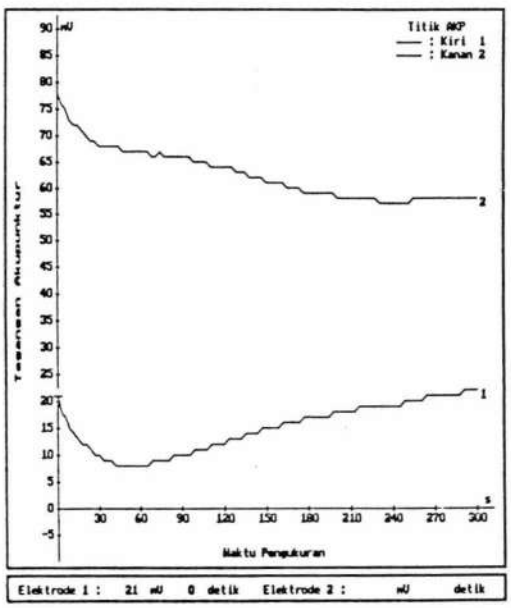


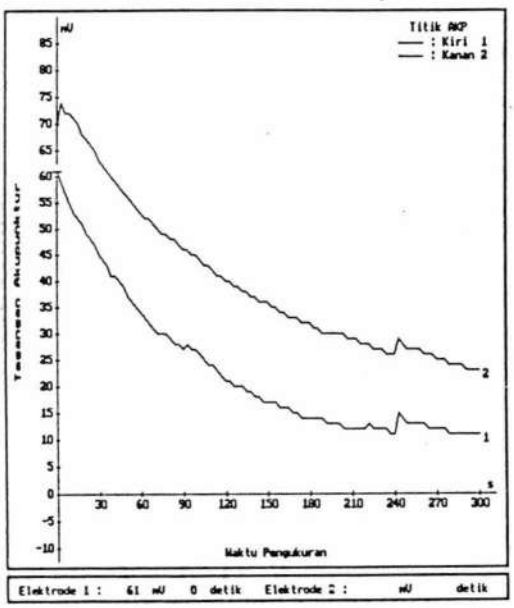
IR-PERPUSTAKAAN UNIVERSITAS AIRLANGGA

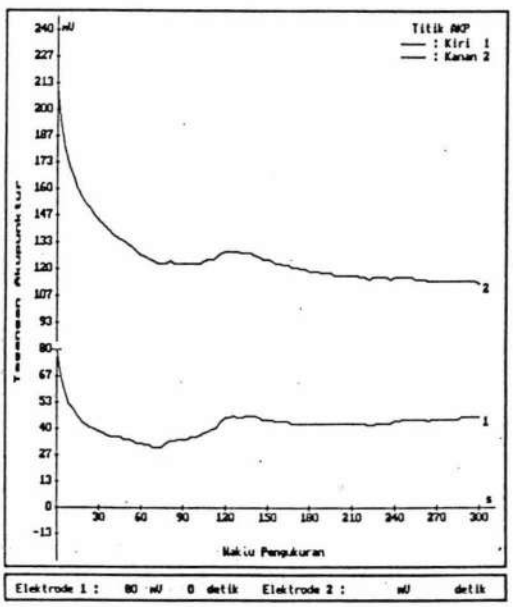
Lampiran : 2 B

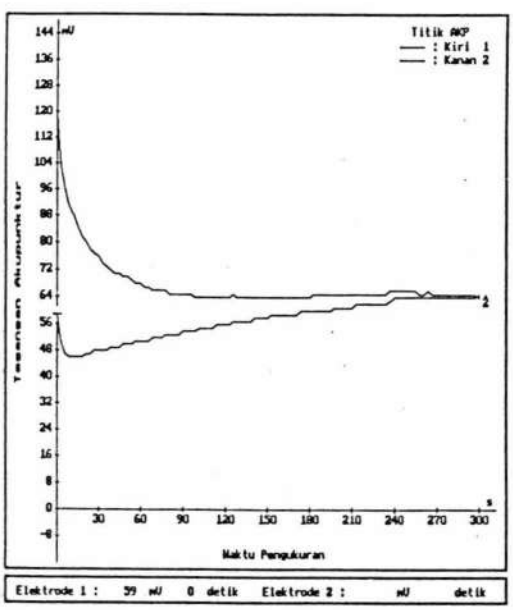
Profil beda tegangan listrik titik akupunktur no. 49

kiri blok 0,1 ml verapamil 2 mg/ml - kanan tanpa blok









IR-PERPUSTAKAAN UNIVERSITAS AIRLANGGA

Lampiran : 3

Pengukuran beda tegangan listrik titik akupunktur no. 49 kiri blok 0,1 ml

ITP 50 μCi - titik akupunktur no. 49 kanan tanpa blok

Variable	Number of Cases	Mean	SD	SE of Mean
KI_KAAKP Kiri blok isotop				
tanpa blok	808	81,1881	58,918	2,073
blok isotop	808	115,5990	61,443	2,162

Mean Difference = -34,4109

Levene's Test for Equality of Variances: F= 10,760 P= ,001

t-test for Equality of Means Variances	t-value	df	2-Tail Sig	SE of Diff	95% CI for Diff
Equal	-11,49	1614	,000	2,995	(-40,286; -28,536)
Unequal	-11,49	1611,17	,000	2,995	(-40,286; -28,536)

Keterangan Grafik :

Angka 1 (elektrode 1) = profil beda tegangan listrik titik akupunktur no. 49 kiri dengan blok 0,1 ml isotop teknesium perteknetat 50 μCi

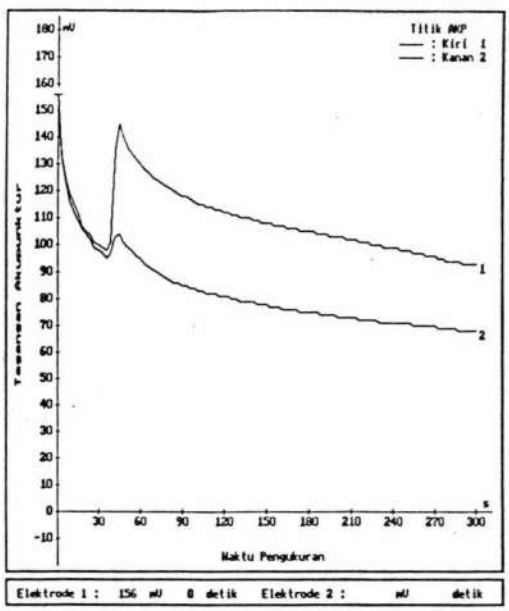
Angka 2 (elektrode 2) = profil beda tegangan listrik titik akupunktur no. 49 kanan tanpa blok sebagai titik kontrol

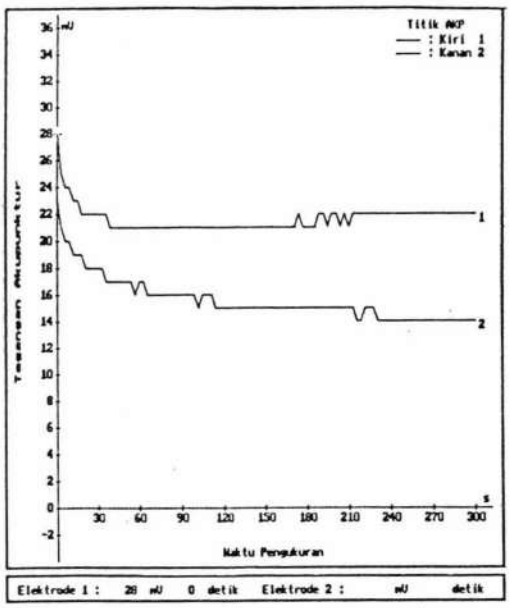
IR-PERPUSTAKAAN UNIVERSITAS AIRLANGGA

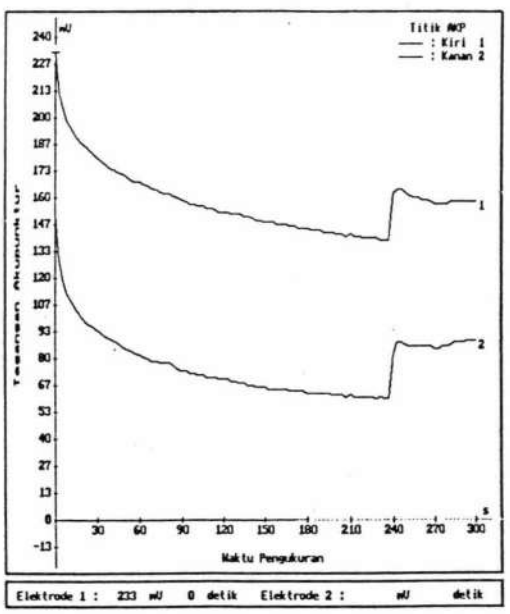
Lampiran : 3A

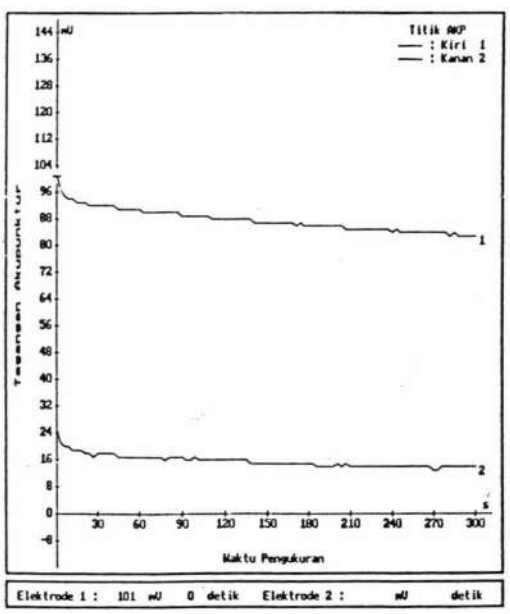
Profil beda tegangan listrik titik akupunktur no. 49

Kiri Blok ITP - Kanan tanpa blok







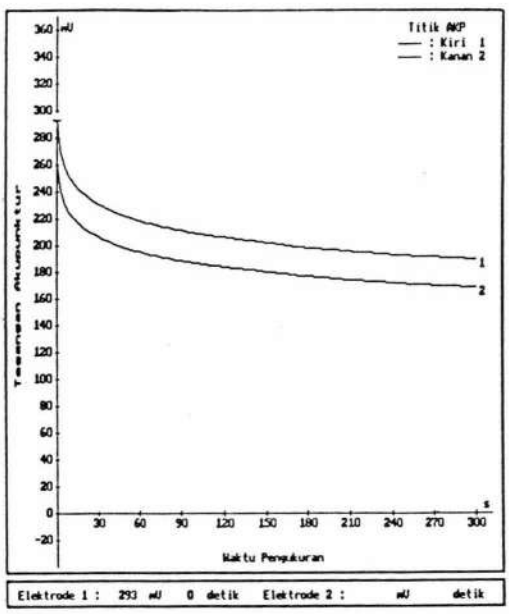


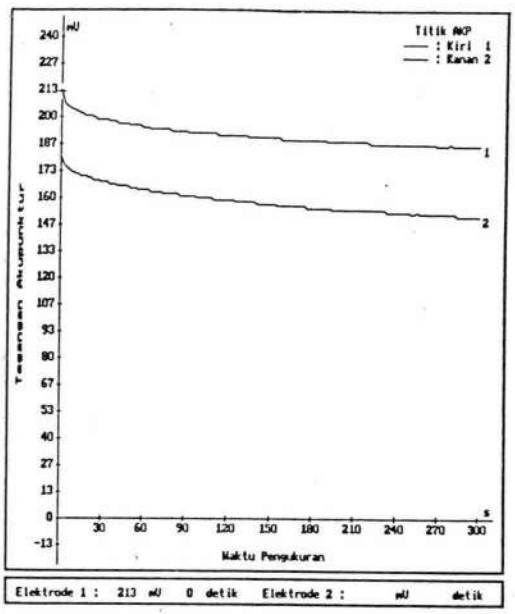
IR-PERPUSTAKAAN UNIVERSITAS AIRLANGGA

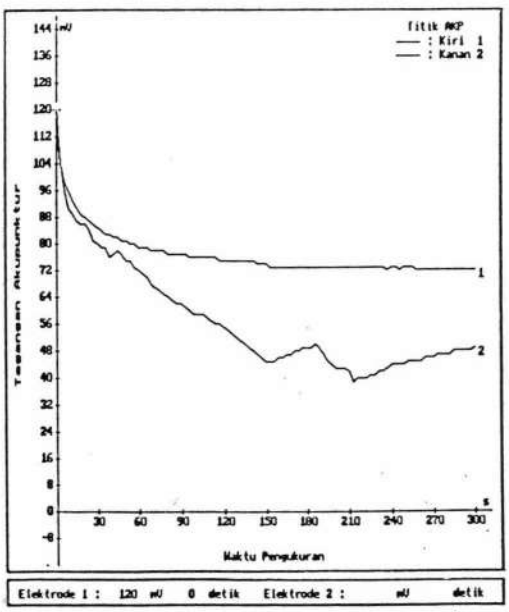
Lampiran : 3B

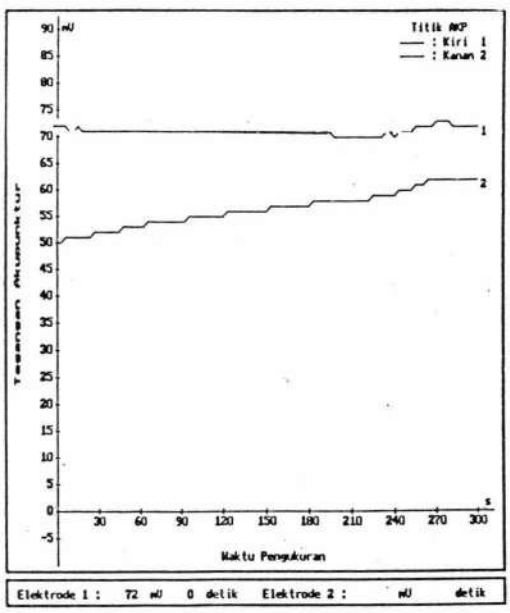
Profil beda tegangan listrik titik akupunktur no. 49

Kiri Blok ITP - Kanan tanpa blok









IR-PERPUSTAKAAN UNIVERSITAS AIRLANGGA

Lampiran : 4

Pengukuran beda tegangan listrik titik kontrol (bukan titik akupunktur) kiri dan kanan tanpa blok terhadap titik referensi no. 16

t-tests for independent samples of KLP2 klp intervensi

Variable	Number of Cases	Mean	SD	SE of Mean
NAKP1.2 bukan titik akupunktur kiri dan kanan tanpa blok				
kiri tanpa blok	808	92,1399	61,962	2,180
kanan tanpa blok	808	96,0322	62,243	2,190

Mean Difference = -3,8923

Levene's Test for Equality of Variances: F= ,430 P= ,512

t-test for Equality of Means Variances	t-value	df	2-Tail Sig	SE of Diff	95% CI for Diff
Equal	-1,26	1614	,208	3,090	(-9,954; 2,169)
Unequal	-1,26	1613,97	,208	3,090	(-9,954; 2,169)

Keterangan Grafik :

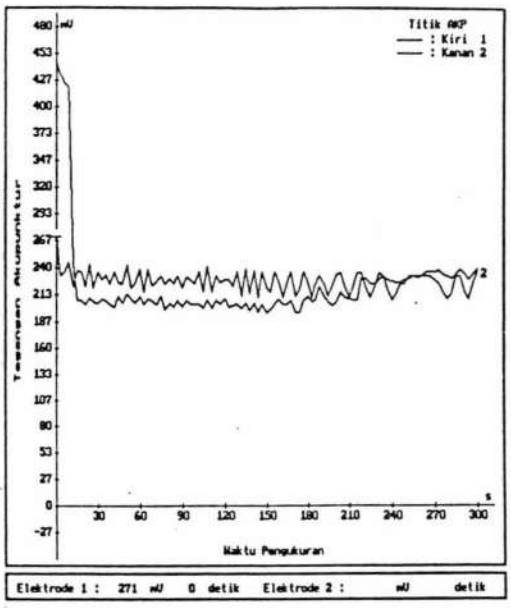
Angka 1 (elektrode 1) = profil tegangan listrik bukan titik akupunktur sisi kiri

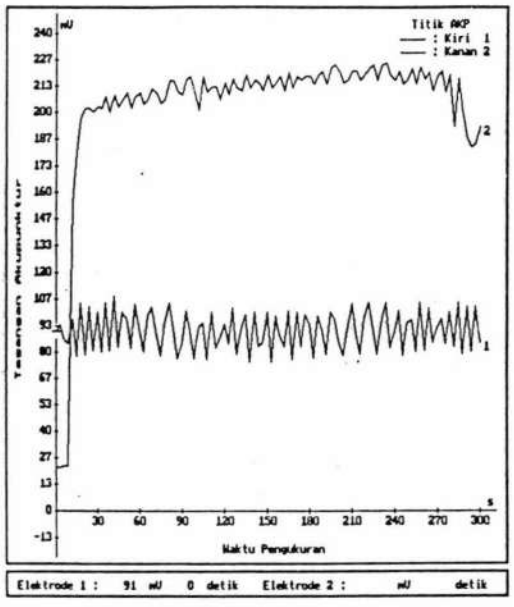
Angka 2 (elektrode 2) = profil tegangan listrik bukan titik akupunktur sisi kanan (kontrol)

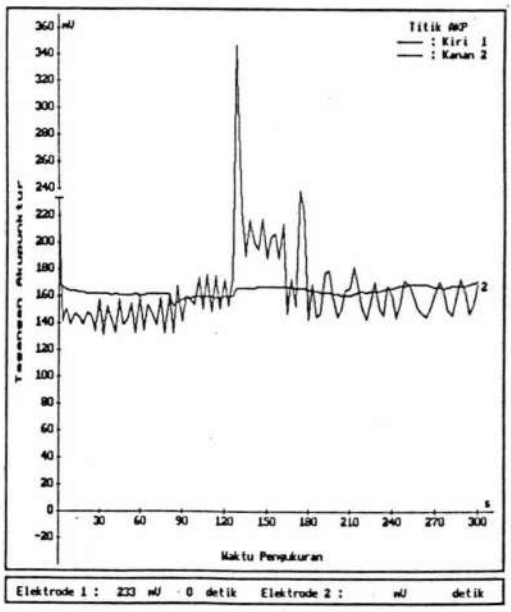
IR-PERPUSTAKAAN UNIVERSITAS AIRLANGGA

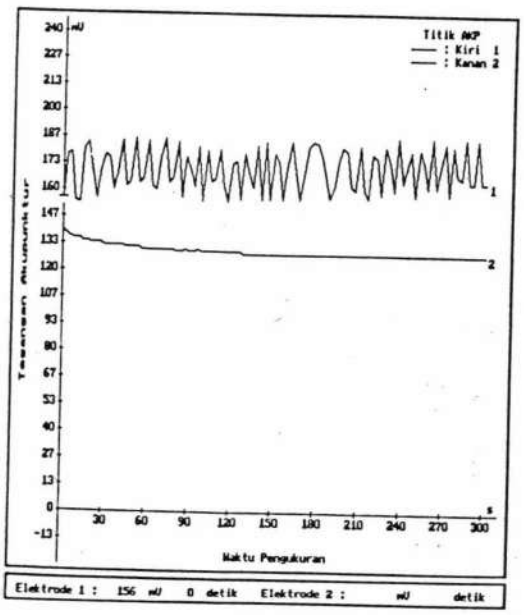
Lampiran : 4A

Profil beda tegangan listrik titik kontrol (bukan titik akupunktur) kiri dan kanan tanpa blok terhadap titik referensi no. 16





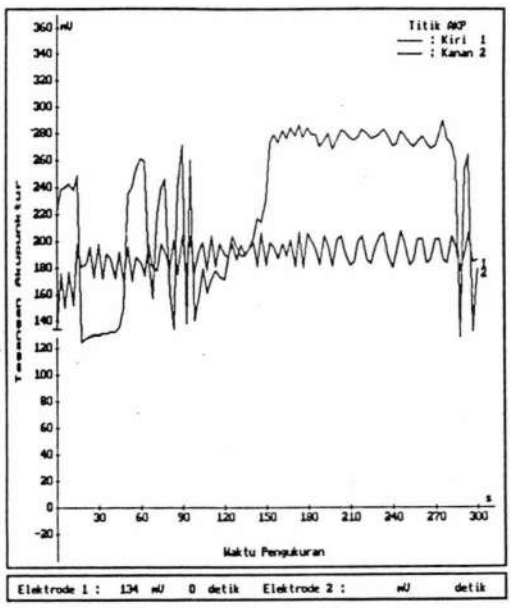


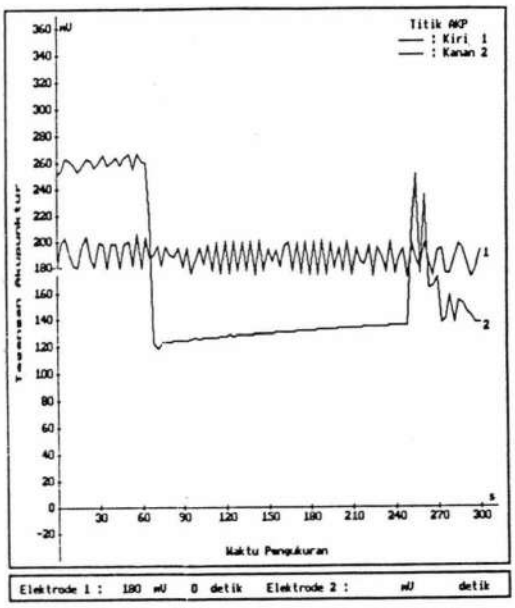


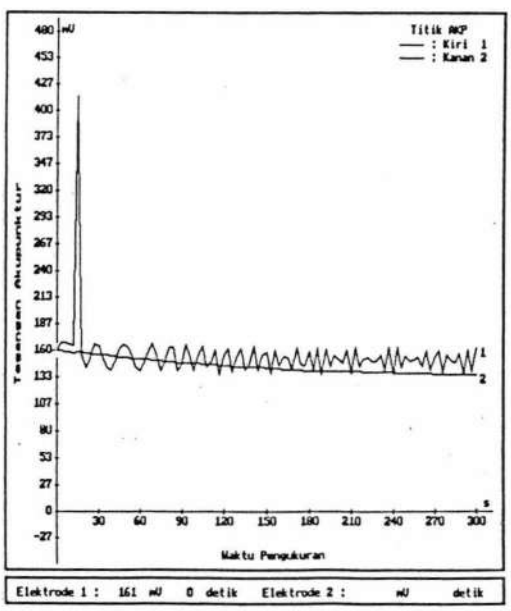
IR-PERPUSTAKAAN UNIVERSITAS AIRLANGGA

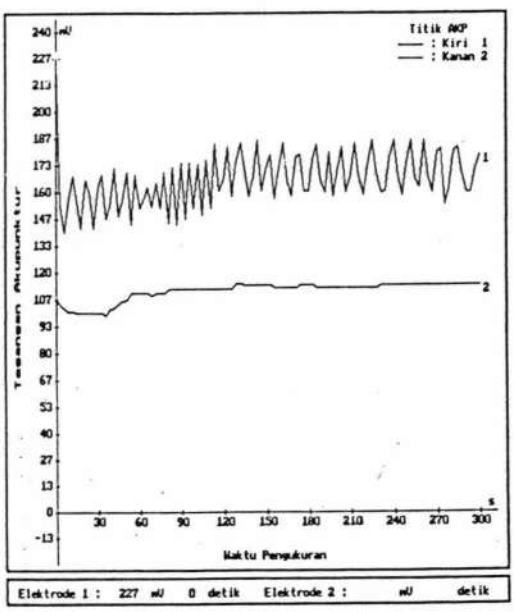
Lampiran : 4B

Profil beda tegangan listrik titik kontrol (bukan titik akupunktur) kiri dan kanan tanpa blok terhadap titik referensi no. 16









IR-PERPUSTAKAAN UNIVERSITAS AIRLANGGA

Lampiran : 5

Pengukuran beda tegangan listrik titik kontrol (bukan titik akupunktur)

kiri blok 0,1 ml verapamil 2 mg/ml – kanan tanpa blok

t-tests for independent samples of KLP kelompok perlakuan

Variable	Number of Cases	Mean	SD	SE of Mean
KIBLKANO kiri blok ver - kanan non akp				
kanan tanpa blok	808	121.7129	67.519	2.375
kiri blok verapamil	808	62.3688	32.484	1.143

Mean Difference = 59.3441

Levene's Test for Equality of Variances: F=174.847 P= .000

t-test for Equality of Means Variances	t-value	df	2-Tail Sig	SE of Diff	95% CI for Diff
Equal	22.51	1614	.000	2.636	(54.173, 64.515)
Unequal	22.51	1161.60	.000	2.636	(54.171, 64.517)

Keterangan Grafik :

Angka 1 (elektrode 1) = profil beda tegangan listrik bukan titik akupunktur sisi kiri dengan blok 0,1 ml verapamil 2 mg/ml

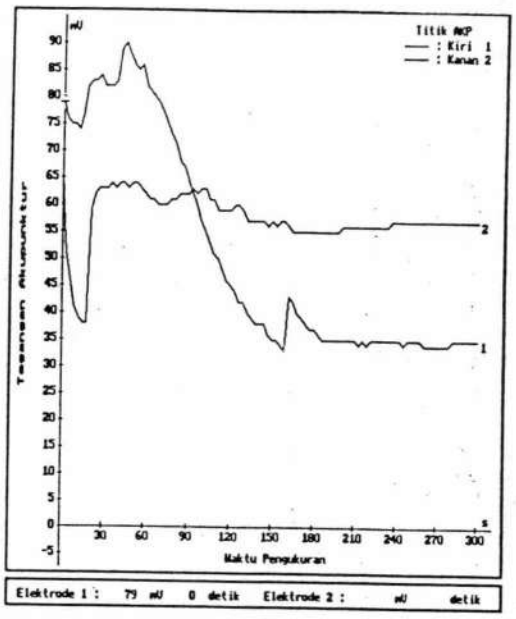
Angka 2 (elektrode 2) = profil beda tegangan listrik bukan titik akupunktur sisi kanan tanpa blok

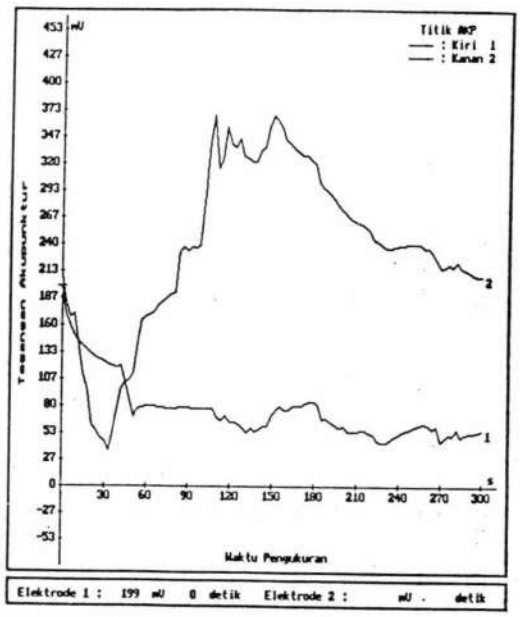
IR-PERPUSTAKAAN UNIVERSITAS AIRLANGGA

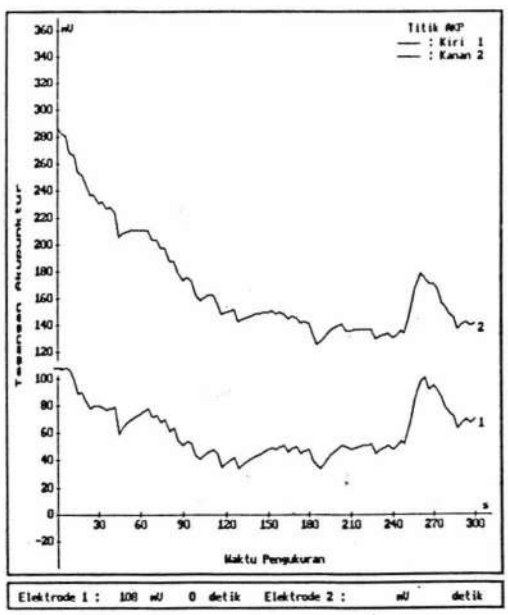
Lampiran : 5A

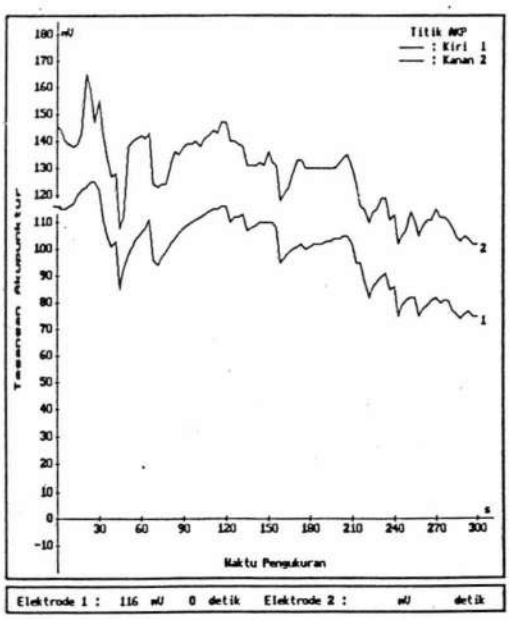
Profil beda tegangan listrik titik kontrol (bukan titik akupunktur)

Kiri blok verapamil – kanan tanpa blok







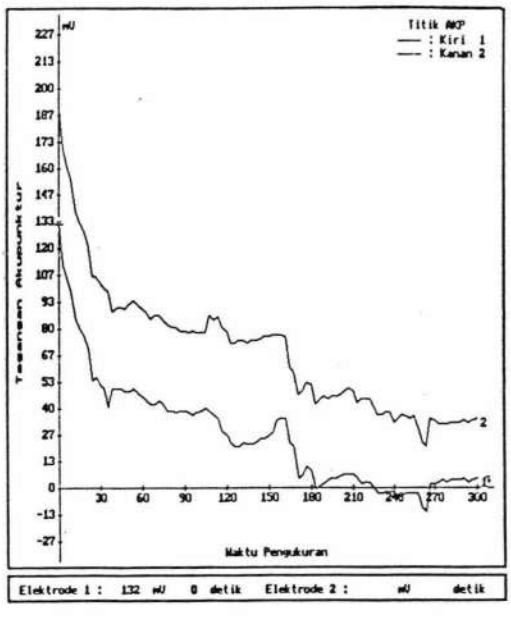


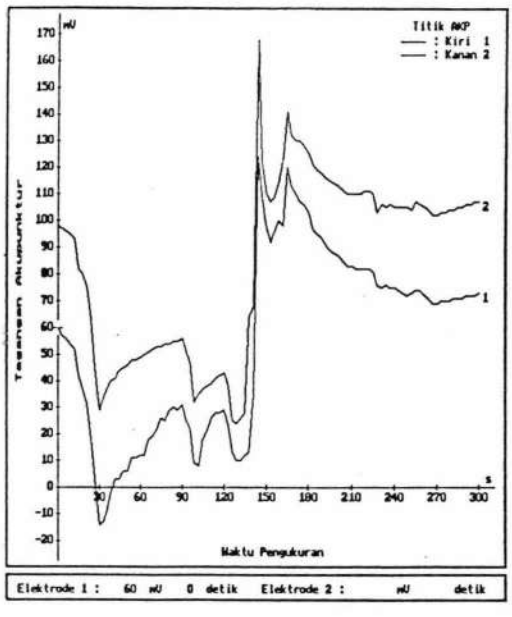
IR-PERPUSTAKAAN UNIVERSITAS AIRLANGGA

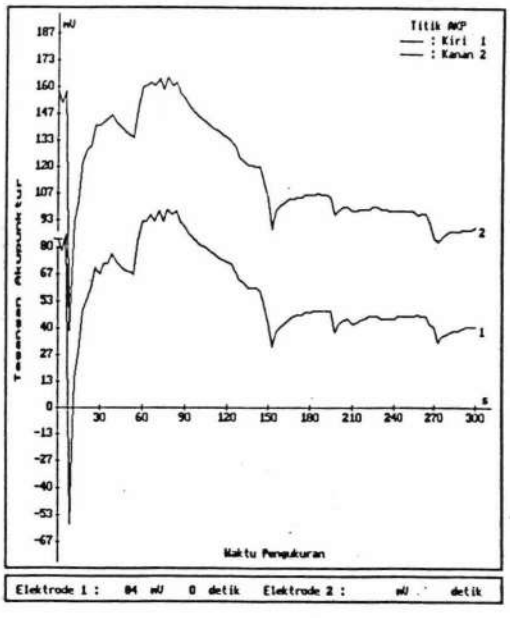
Lampiran : 5B

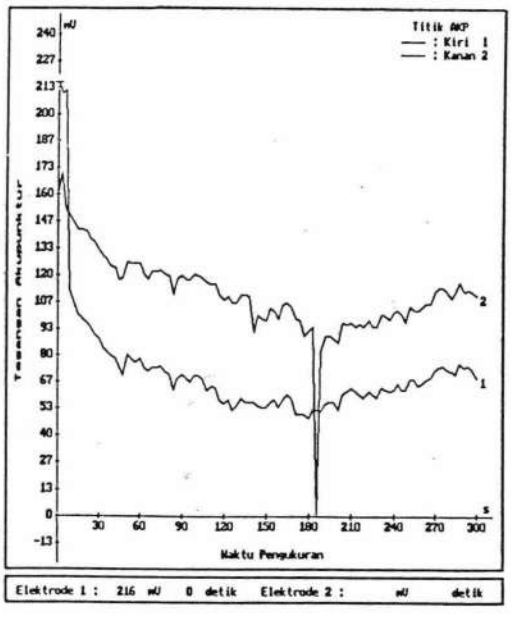
Profil beda tegangan listrik titik kontrol (bukan titik akupunktur)

Kiri blok verapamil – kanan tanpa blok









IR-PERPUSTAKAAN UNIVERSITAS AIRLANGGA

Lampiran : 6

Pengukuran beda tegangan listrik titik kontrol kiri blok ITP

dan kanan tanpa blok

t-tests for independent samples of KLP kelompok perlakuan

Variable	Number of Cases	Mean	SD	SE of Mean
KRKN_3.2 Bukan ttk akup. kr-blok kn-tanpa				
kanan tanpa blok	808	171.2475	49.014	1.724
kiri blok isotop	808	169.0903	40.109	1.411

Mean Difference = 2.1572

Levene's Test for Equality of Variances: F= 97.350 P= .000

	t-test for Equality of Means				95%
Variances	t-value	df	2-Tail Sig	SE of Diff	CI for Diff
Equal	.97	1614	.333	2.228	(-2.214, 6.528)
Unequal	.97	1553.20	.333	2.228	(-2.214, 6.528)

Keterangan Grafik :

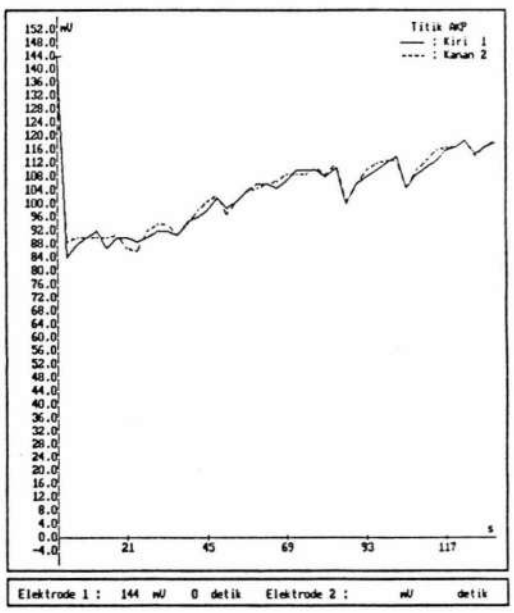
Angka 1 (elektrode 1) = profil beda tegangan listrik titik akupunktur no. 49 kiri dengan blok 0,1 ml isotop teknesium perteknetat 50 μCi

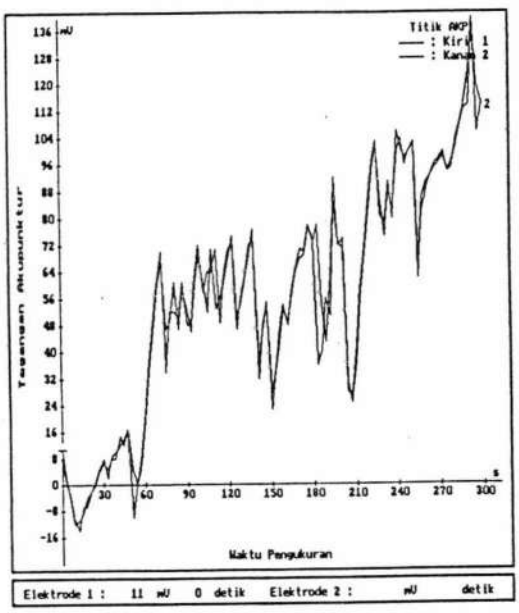
Angka 2 (elektrode 2) = profil beda tegangan listrik titik akupunktur no. 49 kanan tanpa blok sebagai titik kontrol

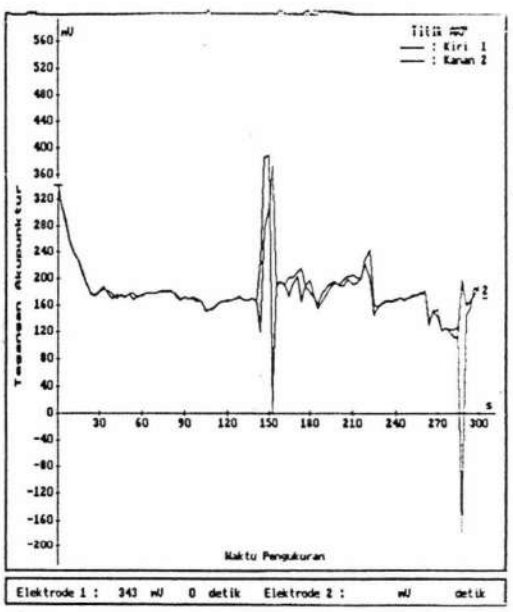
IR-PERPUSTAKAAN UNIVERSITAS AIRLANGGA

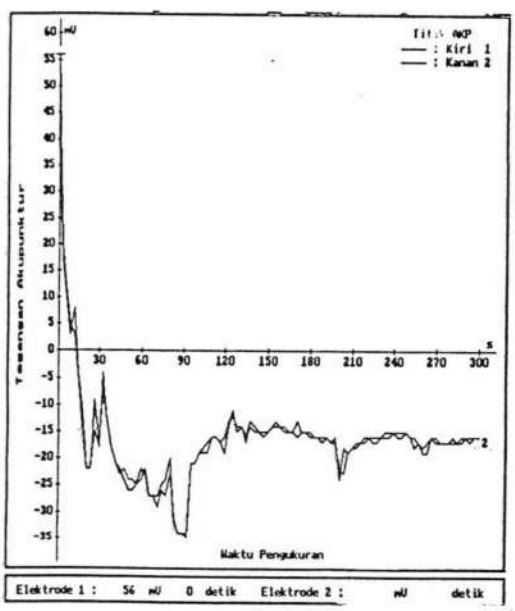
Lampiran : 6A

Profil beda tegangan listrik titik kontrol kiri blok ITP dan kanan tanpa blok





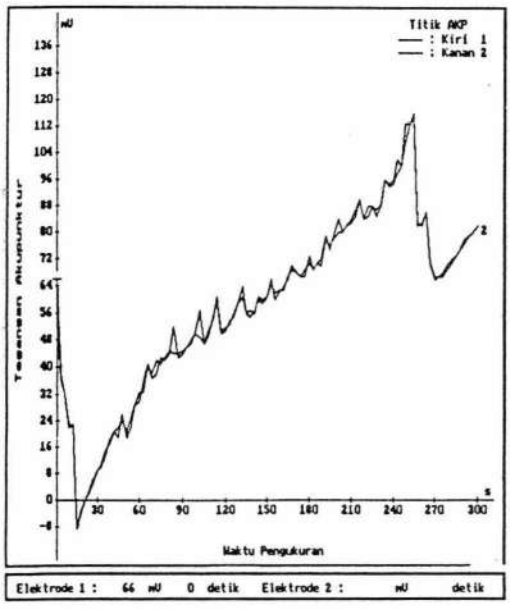


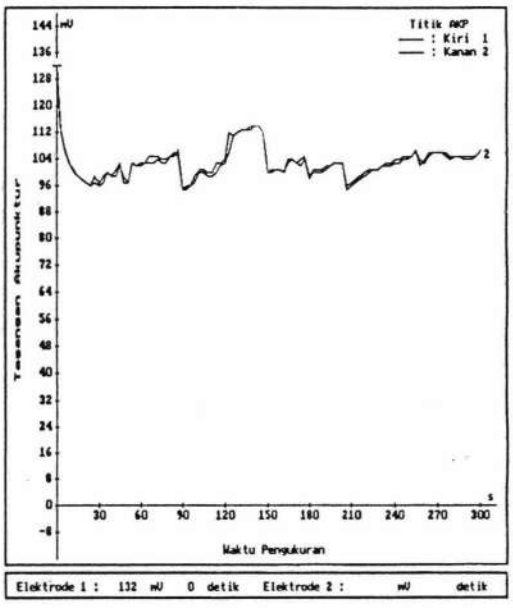


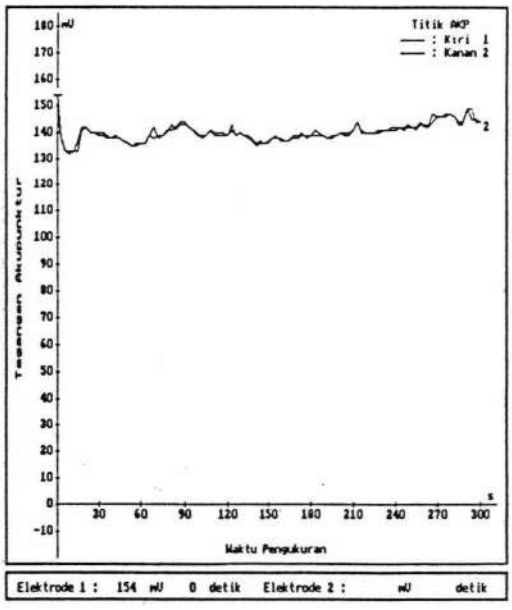
IR-PERPUSTAKAAN UNIVERSITAS AIRLANGGA

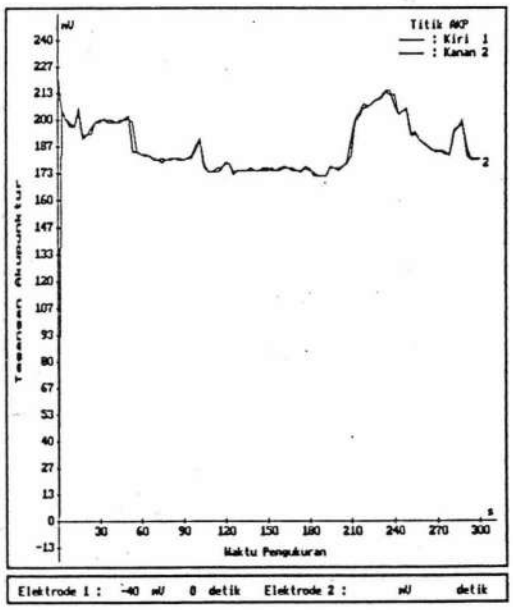
Lampiran : 6B

Profil beda tegangan listrik titik kontrol kiri blok ITP dan kanan tanpa blok









IR-PERPUSTAKAAN UNIVERSITAS AIRLANGGA

Lampiran : 7

Uji beda pemeriksaan dengan SPECT pada titik akupunktur no. 49

kiri dan kanan dengan 0,1 ml ITP 50 μCi

t-tests for independent samples of KLP2 kelompok

Variable	Number of Cases	Mean	SD	SE of Mean
KAKI0TC kiri tanpa blok Isotop TC99mO4; 50mCi/0,1 cc				
kanan tanpa blok	240	341,6292	76,271	4,923
kiri tanpa blok	240	339,1500	87,694	5,661

Mean Difference = 2,4792
Levene's Test for Equality of Variances: F= 11,178 P= ,001

t-test for Equality of Means

Variances	t-value	df	2-Tail Sig	SE of Diff	95% CI for Diff
Equal	,33	478	,741	7,502	(-12,265; 17,224)
Unequal	,33	468,98	,741	7,502	(-12,266; 17,224)

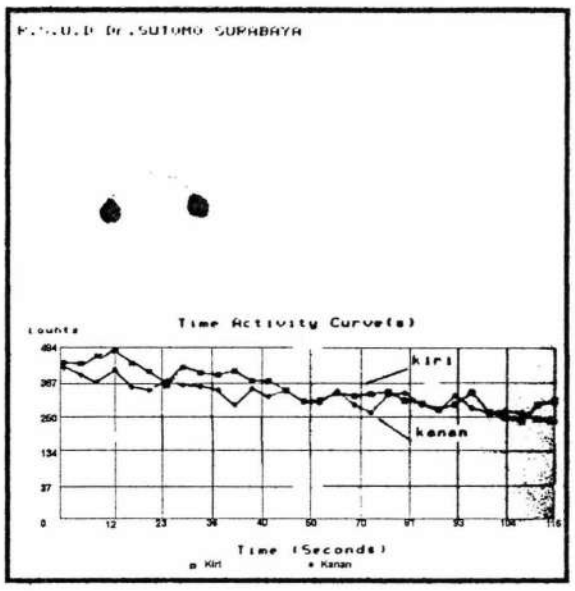
Keterangan : Cara penyuntikan (bergantian / menyilang)
Tangan kiri dan kanan pada kaki kiri
Tangan kiri dan kanan pada kaki kanan

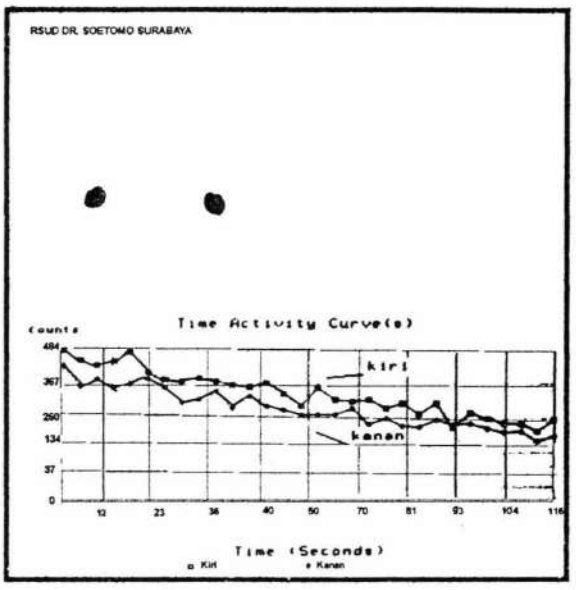
- pengukuran aktivitas migrasi isotop teknesium perteknetat dosis 50 μCi dalam 0,1 ml cairan garam fisiologis
- alat pengukuran : SPECT (Single Photon Emmission Computerize Tomography)

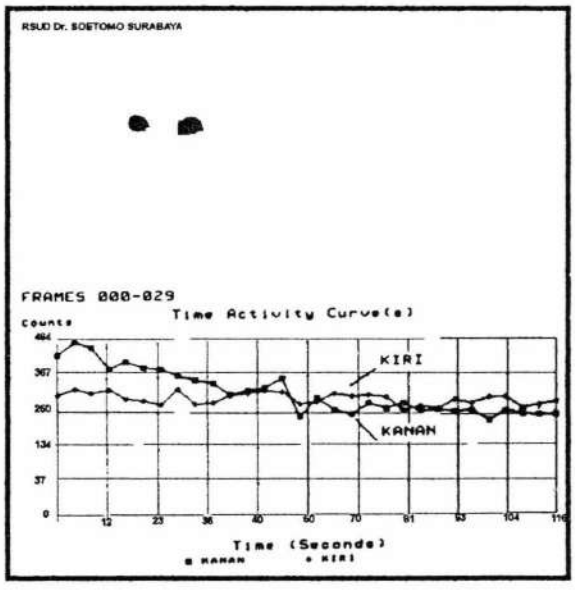
IR-PERPUSTAKAAN UNIVERSITAS AIRLANGGA

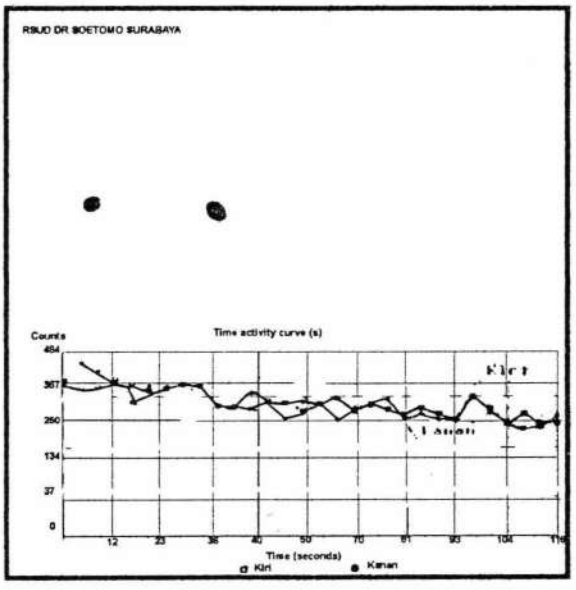
Lampiran :7A

Profil uji beda pemeriksaan dengan SPECT pada titik akupunktur no. 49 kiri dan kanan dengan 0,1 ml ITP 50μCi





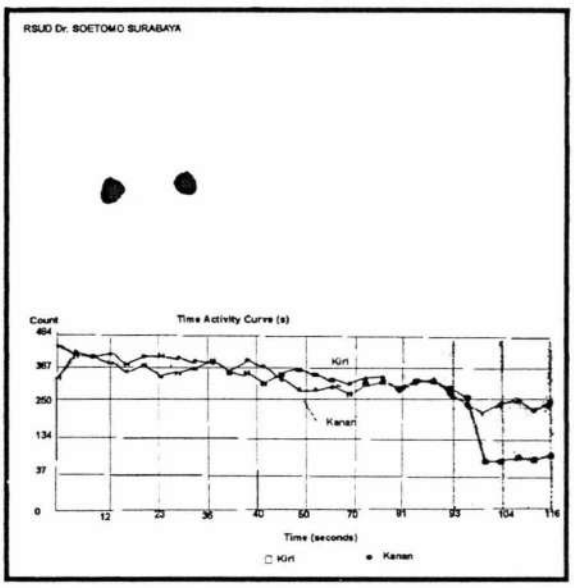


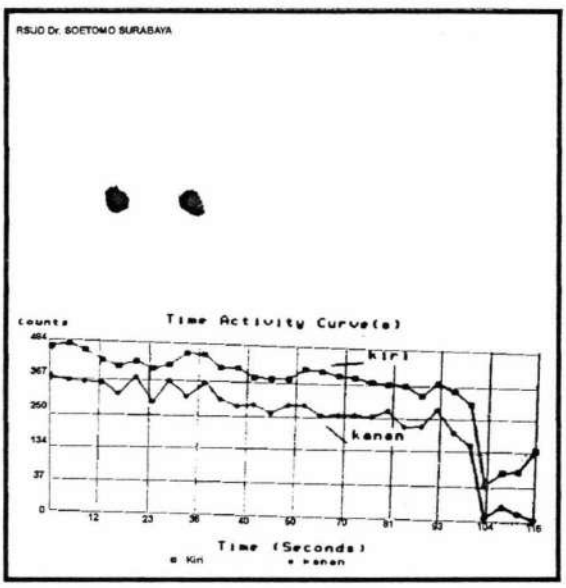


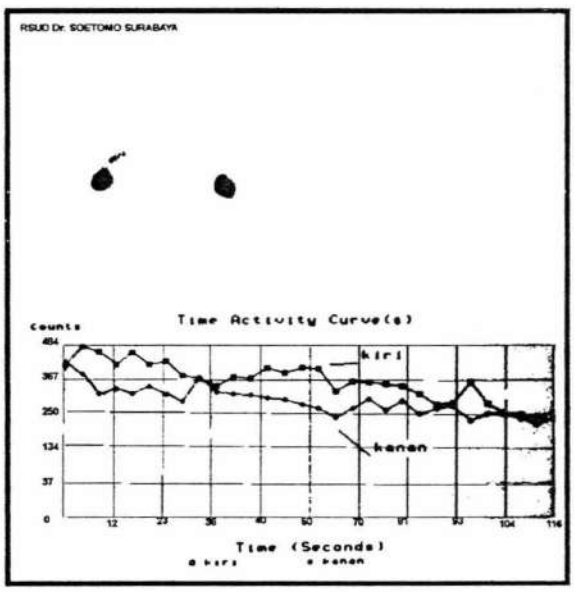
IR-PERPUSTAKAAN UNIVERSITAS AIRLANGGA

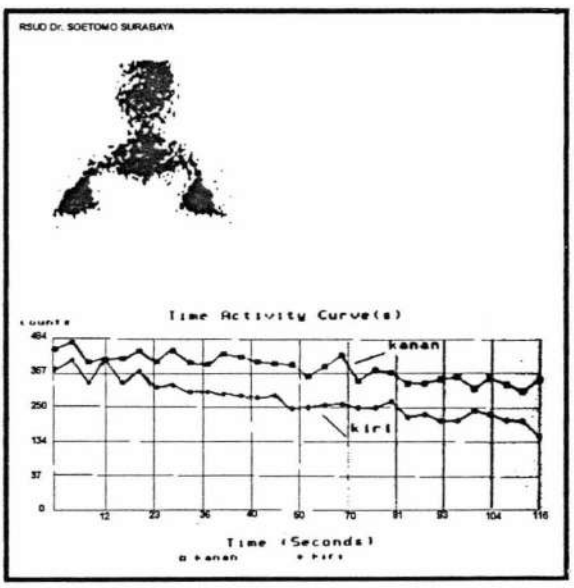
Lampiran :7B

Profil uji beda pemeriksaan dengan SPECT pada titik akupunktur no. 49 kiri dan kanan dengan 0,1 ml ITP 50μCi









IR-PERPUSTAKAAN UNIVERSITAS AIRLANGGA

Lampiran : 8

Uji beda pemeriksaan dibawah SPECT.

Profil migrasi ITP pada titik kontrol (bukan titik akupunktur)

Kiri : ITP 50 μCi/0,1 ml larutan garam fisiologis
Kanan : ITP 50 μCi/0,1 ml larutan garam fisiologis

t-tests for independent samples of KLP KELOMPOK PENELITIAN

Variable	Number of Cases	Mean	SD	SE of Mean
UJI2_4 UJI BEDA 2.4.				
KANAN	240	512.9750	169.479	10.940
KIRI	240	567.0125	85.537	5.521

Mean Difference = -54.0375

Levene's Test for Equality of Variances: F= 86.045 P= .000

	t-test for Equality of Means				95%
Variances	t-value	df	2-Tail Sig	SE of Diff	CI for Diff
Equal	-4.41	478	.000	12.254	(-78.122, -29.953)
Unequal	-4.41	353.34	.000	12.254	(-78.143, -29.932)

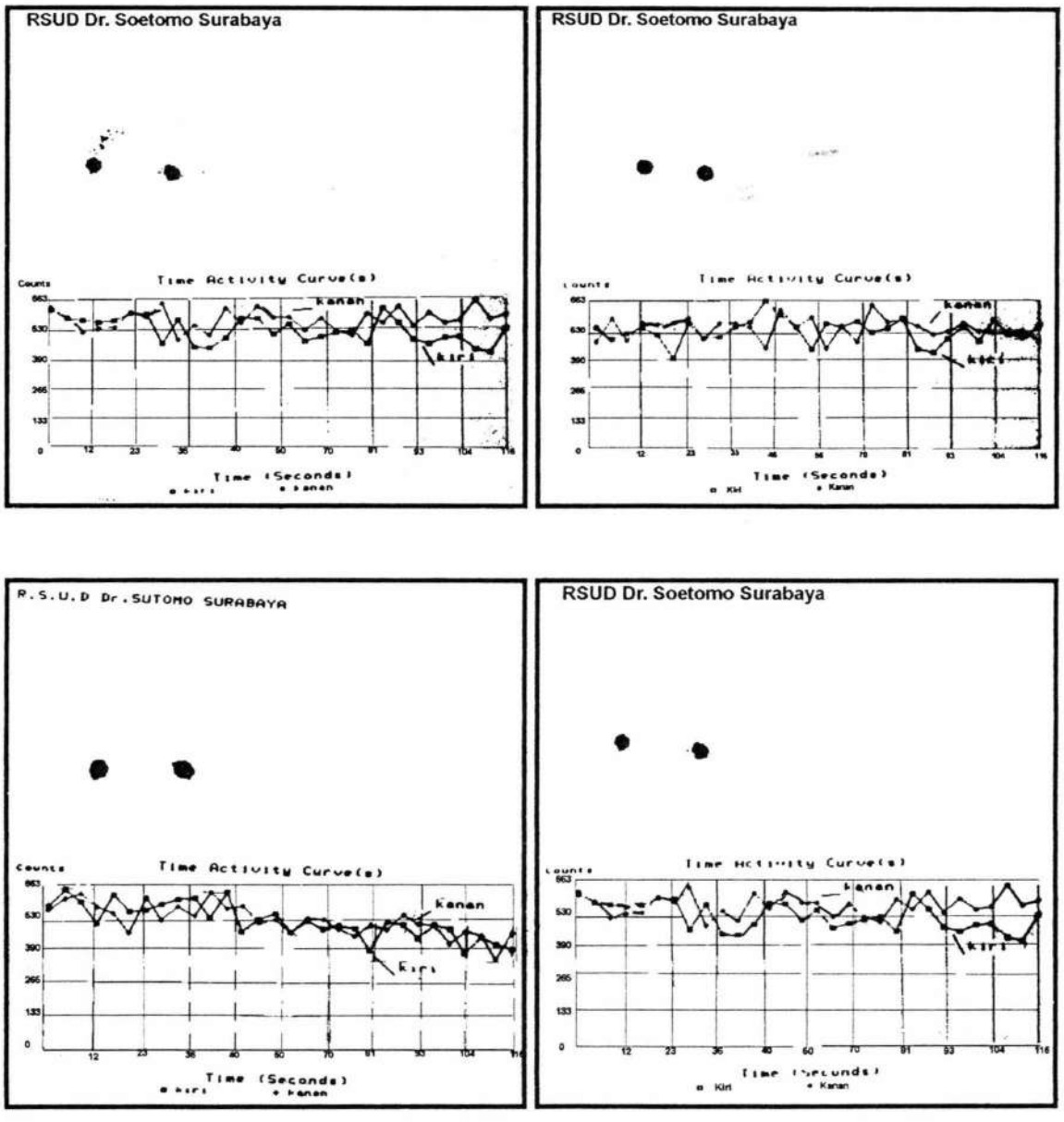
Keterangan :

- pengukuran aktivitas migrasi isotop teknesium perteknetat dosis 50 μCi dalam 0,1 cc cairan garam fisiologis
- alat pengukuran : SPECT (Single Photon Emmission Computerize Tomography)

IR-PERPUSTAKAAN UNIVERSITAS AIRLANGGA

Lampiran : 8A

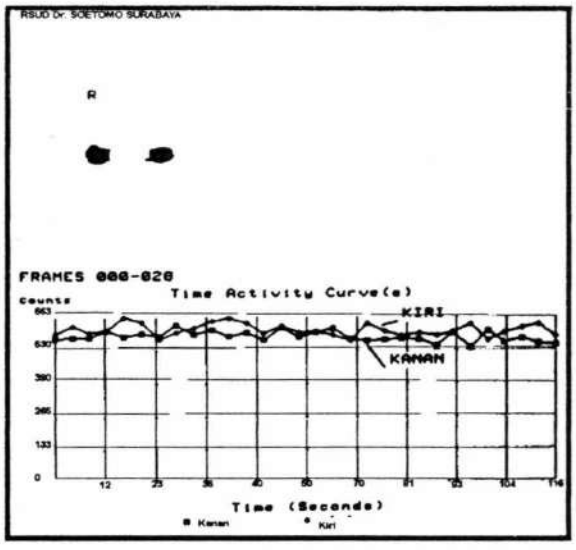
Profil uji beda pemeriksaan dengan SPECT profil migrasi ITP pada titik kontrol

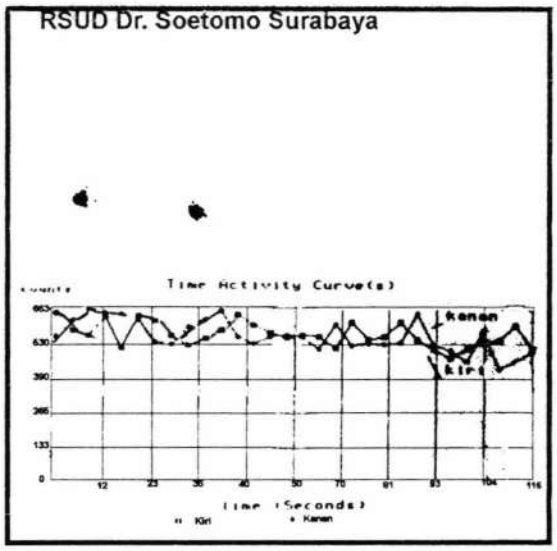


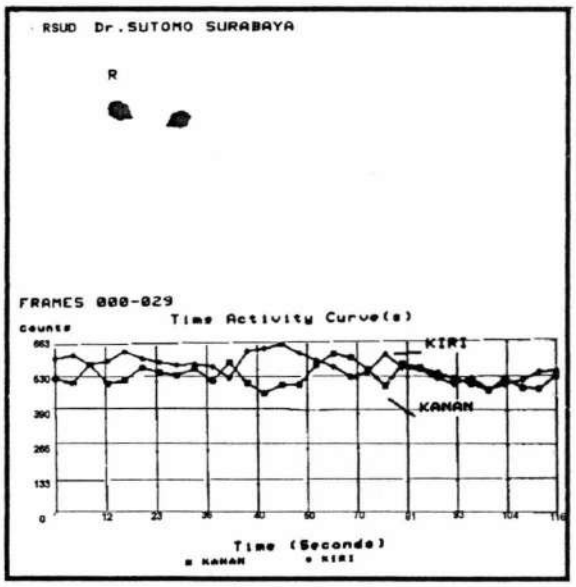
IR-PERPUSTAKAAN UNIVERSITAS AIRLANGGA

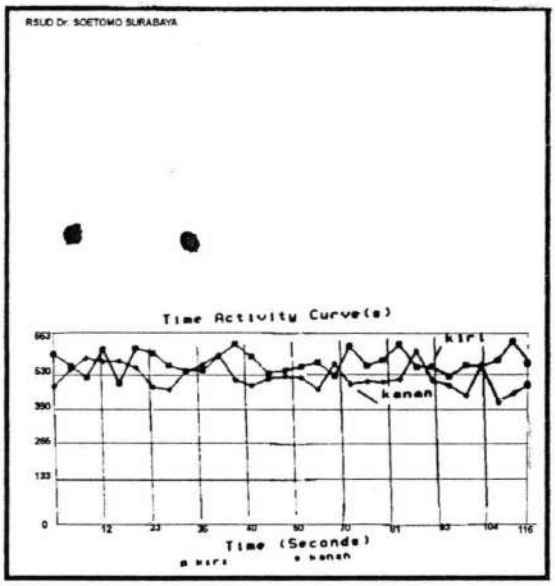
Lampiran : 8B

Profil uji beda pemeriksaan dengan SPECT profil migrasi ITP pada titik kontrol









IR-PERPUSTAKAAN UNIVERSITAS AIRLANGGA

Lampiran : 9

Beda tegangan listrik titik akupunktur no. 49 kiri tanpa blok dengan

bukan titik akupunktur kiri tanpa blok

t-tests for independent samples of KLP3

Variable	Number of Cases	Mean	SD	SE of Mean
N_AKPKI0 akupunktur dan non akupunktur kiri tanpa blok				
titik 49 kiri tanpa blok	808	51,3874	91,341	3,213
non akp kiri tanpa blok	808	92,1399	61,962	2,180

Mean Difference = -40,7525

Levene's Test for Equality of Variances: F=264,539 P= ,000

t-test for Equality of Means					95%
Variances	t-value	df	2-Tail Sig	SE of Diff	CI for Diff
Equal	-10,50	1614	,000	3,883	(-48,370; -33,135)
Unequal	-10,50	1419,93	,000	3,883	(-48,371; -33,134)

IR-PERPUSTAKAAN UNIVERSITAS AIRLANGGA

Lampiran : 10

Beda aktivitas migrasi ITP pada titik akupunktur no. 49 kiri

dan titik kontrol (bukan titik akupunktur) kiri tanpa perlakuan

t-tests for independent samples of KLP1 klp. penelitian kiri blok kanan tanpa

Variable	Number of Cases	Mean	SD	SE of Mean
VAR00001 kiri blok isotop dan kontrol blok isotop				
kontrol kiri blok iso	240	567,0125	85,537	5,521
Akupunktur kiri blok	240	339,1500	87,694	5,661

Mean Difference = 227,8625

Levene's Test for Equality of Variances: F= ,151 P= ,698

t-test for Equality of Means					95%
Variances	t-value	df	2-Tail Sig	SE of Diff	CI for Diff
Equal	28,82	478	,000	7,907	(212,321; 243,404)
Unequal	28,82	477,70	,000	7,907	(212,321; 243,404)

IR-PERPUSTAKAAN UNIVERSITAS AIRLANGGA

Lampiran : 11

Beda tegangan listrik relatif titik akupunktur no.49 dengan verapamil dan titik akupunktur no.49 tanpa verapamil terhadap titik referensi no.16

t-tests for independent samples of KLP kelompok perlakuan

Variable	Number of Cases	Mean	SD	SE of Mean
TNP_VER beda tanpa blok dg beda verap.				
verapamil	808	-41,8688	33,502	1,179
tanpa verpamil	808	-3,0149	17,254	,607

Mean Difference = -38,8540

Levene's Test for Equality of Variances: F=355,176 P= ,000

t-test for Equality of Means					95%
Variances	t-value	df	2-Tail Sig	SE of Diff	CI for Diff
Equal	-29,31	1614	,000	1,326	(-41,455; -36,253)
Unequal	-29,31	1206,95	,000	1,326	(-41,455; -36,252)

IR-PERPUSTAKAAN UNIVERSITAS AIRLANGGA

Lampiran : 12

Beda tegangan listrik relatif titik akupunktur no.49 dengan ITP dan titik akupunktur no.49 tanpa ITP terhadap titik referensi no.16

t-tests for independent samples of KLP kelompok perlakuan

Variable	Number of Cases	Mean	SD	SE of Mean
TNP_IS beda tanpa blok dg beda isotop				
isotop	808	34,4109	26,068	,917
tanpa blok	808	-3,0149	17,254	,607

Mean Difference = 37,4257

Levene's Test for Equality of Variances: F=177,950 P= ,000

	t-test for Equality of Means				95%
Variances	t-value	df	2-Tail Sig	SE of Diff	CI for Diff
Equal	34,03	1614	,000	1,100	(35,268; 39,583)
Unequal	34,03	1400,20	,000	1,100	(35,268; 39,584)

IR-PERPUSTAKAAN UNIVERSITAS AIRLANGGA

Lampiran : 13

Beda tegangan listrik relatif titik kontrol dengan verapamil dan titik kontrol tanpa verapamil terhadap titik referensi no.16

t-tests for independent samples of KLP kelompok perlakuan

Variable	Number of Cases	Mean	SD	SE of Mean
KTR0VER0 beda tanpa blok non dan beda verap. non				
Kontrol blok ver	808	-59,3441	61,621	2,168
Kontrol tanpa blok	808	-3,8923	22,144	,779

Mean Difference = -55,4517

Levene's Test for Equality of Variances: F=395,378 P= ,000

t-test for Equality of Means					95%
Variances	t-value	df	2-Tail Sig	SE of Diff	CI for Diff
Equal	-24,07	1614	,000	2,304	(-59,971; -50,933)
Unequal	-24,07	1012,02	,000	2,304	(-59,973; -50,930)

IR-PERPUSTAKAAN UNIVERSITAS AIRLANGGA

Lampiran : 14

Beda tegangan listrik relatif titik kontrol dengan ITP dan

titik kontrol tanpa ITP terhadap titik referensi no.16

t-tests for independent samples of KLP kelompok perlakuan

Variable	Number of Cases	Mean	SD	SE of Mean
KTR0IS tanpa blok non akp dg isotop non akp				
blok isotop non a	808	-2,1572	60,817	2,140
tanpa blok non	808	-3,8923	22,144	,779

Mean Difference = 1,7351

Levene's Test for Equality of Variances: F=743,847 P= ,000

t-test for Equality of Means Variances	t-value	df	2-Tail Sig	SE of Diff	95% CI for Diff
Equal	,76	1614	,446	2,277	(-2,732; 6,202)
Unequal	,76	1017,28	,446	2,277	(-2,734; 6,204)

IR-PERPUSTAKAAN UNIVERSITAS AIRLANGGA

Lampiran : 15

Beda aktivitas migrasi ITP pada titik akupunktur no.49 dan titik kontrol

t-tests for independent samples of KLP KELOMPOK PENELITIAN

Variable	Number of Cases	Mean	SD	SE of Mean
TNP_KTR tanpa blok akup. dg tanpa blok non				
tanpa blok non	240	54,0375	179,947	11,616
tanpa blok akup	240	-,9958	35,327	2,280

Mean Difference = 55,0333

Levene's Test for Equality of Variances: F=518,345 P= ,000

	t-test for Equality of Means				95%
Variances	t-value	df	2-Tail Sig	SE of Diff	CI for Diff
Equal	4,65	478	,000	11,837	(31,769; 78,298)
Unequal	4,65	257,40	,000	11,837	(31,718; 78,349)

IR-PERPUSTAKAAN UNIVERSITAS AIRLANGGA

Lampiran : 16

SIGMA®
CHEMICAL COMPANY
THE WORLD'S FOREMOST MANUFACTURER OF RESEARCH BIOCHEMICALS AND DIAGNOSTIC REAGENTS

DATE: 02/20/97

CERTIFICATE OF ANALYSIS

PRODUCT NAME: (+-)-VERAPAMIL HYDROCHLORIDE

PRODUCT NUMBER: V4629 LOT: 056H0925 CAS NO: 23313-68-0

FORMULA: $C_{27}H_{38}N_2O_4 \cdot HCl$

FORMULA WEIGHT: 491.1

APPEARANCE	WHITE POWDER
SOLUBILITY	CLEAR COLORLESS SOLUTION AT 100 MG IN 4.0 ML OF WATER

USP 22 TEST RESULTS: *

ID TESTS	POSITIVE
MELTING RANGE	144.0 DEG C
PH	5.4
LOSS ON DRYING	0.02%
RESIDUE ON IGNITION	0.01%
CHROMATOGRAPHC PURITY	
LARGEST IMPURITY	NMT 0.3%
TOTAL IMPURITIES	NMT 0.5%
ORGANIC VOLATILE IMPURITIES	NONE DETECTED (NMT 0.05%)
ASSAY	100.0%

* SUPPLIER INFORMATION

QC ACCEPTANCE DATE JUN 1996

KEVIN W. KROSLEY, PH.D.
ANALYTICAL DEPARTMENT
1412/970220#1/FEB0

CONTINUED ON NEXT PAGE-----

DISERTASI PROFIL TRANSDUKSI RANGSANG KOOSNADI SAPUTRA4/1

IR-PERPUSTAKAAN UNIVERSITAS AIRLANGGA

CONTINUATION OF - -

PRODUCT NAME: (+-)-VERAPAMIL HYDROCHLORIDE

PRODUCT NUMBER: V4629 LOT: 056H0925 CAS NO: 23313-68-0

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DISERTASI PROFIL TRANSDUKSI RANGSANG KOOSNADI SAPUTRA4/1

IR-PERPUSTAKAAN UNIVERSITAS AIRLANGGA

PT. BATAN Teknologi
(Persero)

KANTOR PUSAT Telp. : (62-21) 5253762
5251109 Pesawat : 377,
Faks : (62-21) 5253762
KAWASAN PUSPIPTEK SERPONG
Telp. : (62-21) 7563141
7560547, 7560562 Pesawat : 2092

Lampiran : 17

SERTIFIKAT KENDALI KUALITAS ^{99m}Tc

Nomor Batch : 7J03P100

1. Ukuran Generator : 208 mCi, Tanggal : 06-10-1997 Pukul : 09:00 BBWI
2. % Yield : 99,91 %
3. pH : 6,00
4. Kemurnian Radiokimia : 99,01 % dari total aktivitas pada $^{99m}TcO_4^-$
5. Kemurnian Radionuklida

^{99}Mo	: 0,014891	µ Ci/mCi	^{99m}Tc pada 8 jam setelah elusi
^{103}Ru	: 0,001986	µ Ci/mCi	^{99m}Tc pada 8 jam setelah elusi
^{131}I	: 0,000984	µ Ci/mCi	^{99m}Tc pada 8 jam setelah elusi
^{89}Sr	: TTD	µ Ci/mCi	^{99m}Tc pada 8 jam setelah elusi
^{90}Sr	: TTD	µ Ci/mCi	^{99m}Tc pada 8 jam setelah elusi
Jumlah pemancar gamma yang lain	: 0,000043	µ Ci/mCi	^{99m}Tc pada 8 jam setelah elusi

Waktu elusi : 5 menit Tanggal : 03-10-1997 Pukul :22.42 BBWI

6. Kemurnian Kimia :
   Kandungan Al^{3+} : < 2 ppm
7. Sterilitas : Steril (Sterilitas Eluat tidak dijamin setelah hari ke 10)
8. Uji Pirogen : Bebas Pirogen

DISETUJUI OLEH : Drs. MOERIDUN
QA/QC

TANGGAL : 03-10-1997

Kantor Pusat : Jl. Kuningan Barat, Mampang Prapatan, Jakarta 12710. Kotak Pos : 4390 Jakarta 12043 INDONESIA
Kawasan Puspiptek Serpong, Tangerang, Indonesia : ⊕ Divisi Produksi Radioisotop ⊕ Divisi Elemen Bakar Nuklir ⊕ Divisi Instrumentasi dan Rekayasa Nuklir

FROM : PT. NUSA TRIUTAMA-Surabaya PHONE NO. : +62031566139 Jun. 09 1998 09:48AM P01

IR-PERPUSTAKAAN UNIVERSITAS AIRLANGGA

PT. BATAN Teknologi
(Persero)

KANTOR PUSAT Telp. : (62-21) 5253762
5251109 Pesawat : 377,
Faks : (62-21) 5253762
KAWASAN PUSPIPTEK SERPONG
Telp. : (62-21) 7563141
7560547, 7560562 Pesawat : 2092

Lampiran : 17A

SERTIFIKAT KENDALI KUALITAS ^{99m}Tc

Nomor Batch : 7J30P100

1. Ukuran Generator : 300 mCi, Tanggal : 03-11-1997 Pukul : 09:00 WIB
2. % Yield : 91,94 %
3. pH : 5,50
4. Kemurnian Radiokimia : 99,90 % dari total aktivitas pada $^{99m}TcO_4^-$
5. Kemurnian Radionuklida :

^{99}Mo	0,008239 µCi/mCi	^{99m}Tc pada 8 jam setelah elusi
^{103}Ru	0,000317 µCi/mCi	^{99m}Tc pada 8 jam setelah elusi
^{131}I	0,011547 µCi/mCi	^{99m}Tc pada 8 jam setelah elusi
^{89}Sr	TTD µCi/mCi	^{99m}Tc pada 8 jam setelah elusi
^{90}Sr	TTD µCi/mCi	^{99m}Tc pada 8 jam setelah elusi

Jumlah pemancar gamma yang lain : 0,039832 µCi/mCi ^{99m}Tc pada 8 jam setelah elusi

Waktu elusi : 5 menit Tanggal : 30-10-1997 Pukul : 13.50 WIB

6. Kemurnian Kimia
   Kandungan Al^{3+} : 2 ppm
7. Sterilitas : Steril (Sterilitas Fluat tidak dijamin setelah hari ke 10)
8. Uji Pirogen : Bebas Pirogen

DISETUJUI OLEH : DRS. MOERIDUN
QA/QC

TANGGAL : 31-10-1997

Kantor Pusat : Jl. Kuningan Barat, Mampang Prapatan, Jakarta 12710, Kotak Pos : 4390 Jakarta 12043 INDONESIA
Kawasan Puspiptek Serpong, Tangerang 15310, Indonesia : ⊙ Divisi Produksi Radioisotop ⊙ Divisi Produksi Elemen Bakar Nuklir ⊙ Divisi Produksi Instrumentasi & Rekayasa Nuklir

FROM : PT. NUSA TRIUTAMA-Surabaya. PHONE NO. : +62031566139Z Jun. 09 1998 09:46AM

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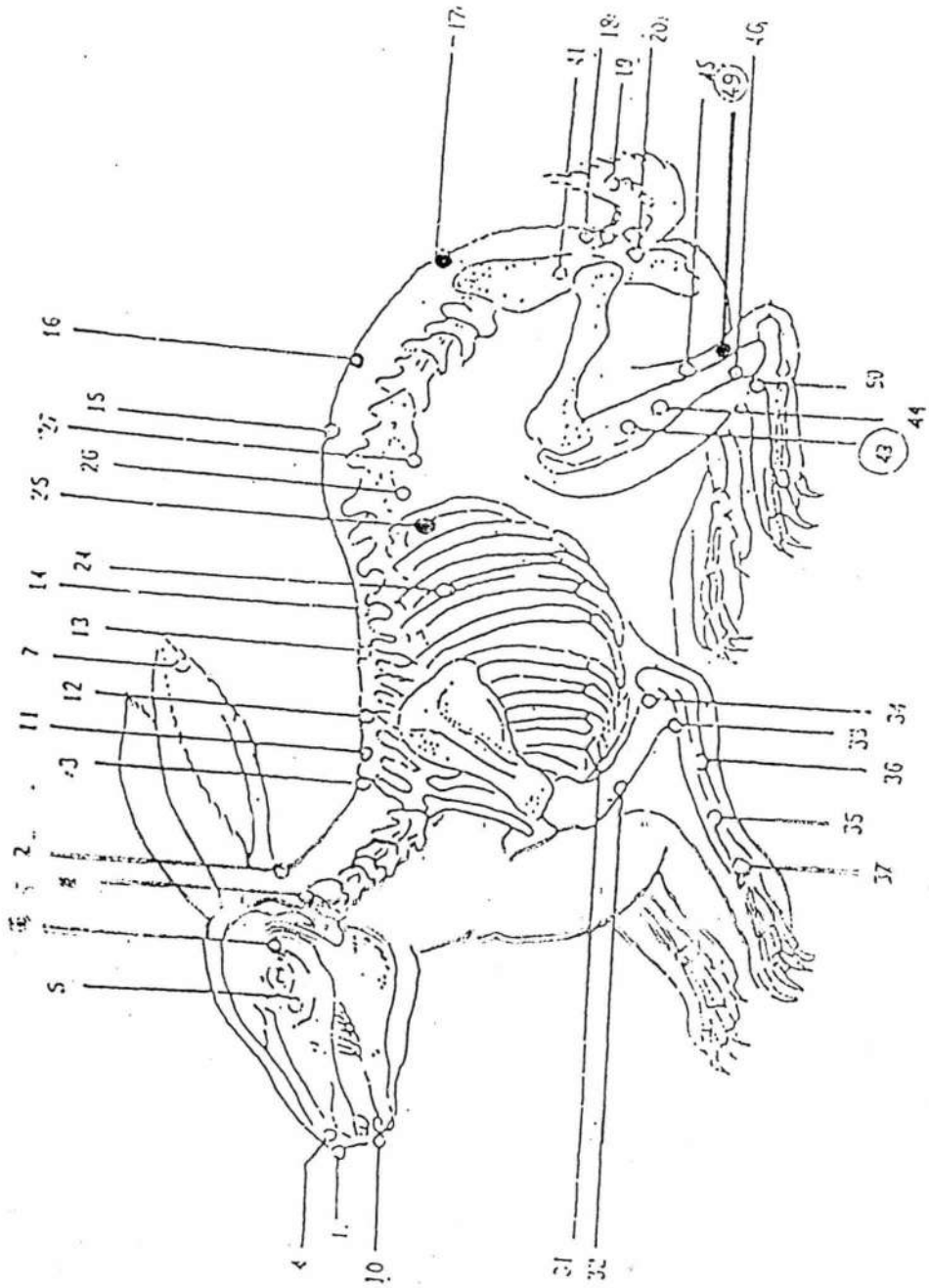
Lampiran : 18

Gambar Titik akupunktur dilihat dari arah lateral



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Lampiran : 18A

Titik Akupunktur yang Digunakan dalam Penelitian

Titik Nomer 16

Nama	Yang Kuan (gerbang Yang)
Lokasi	Garis tengah tulang punggung antara prosesus spinosum vertebra L IV-V
Letak anatomi	Dibawah kulit
Cara penusukan	2 – 3 mm

Titik Nomer 49

Nama	San Yin Ciao (titik pertemuan 3 Yin)
Lokasi	Ujung malleolus medialis
Letak anatomi	Tepi caudal malleolus medialis diantara muskulus flexor digitorum longus pedis dan tendo achiles
Cara penusukan	Tegak lurus sedalam 2-3 mm

Sumber :

1. Anonymous, 1975. Handbook of Chinese Veterinary
2. David CC dan WC Dorothy. 1975. The Principle of Chinese acupuncture medicine lige science medical laboratory, Hongkong

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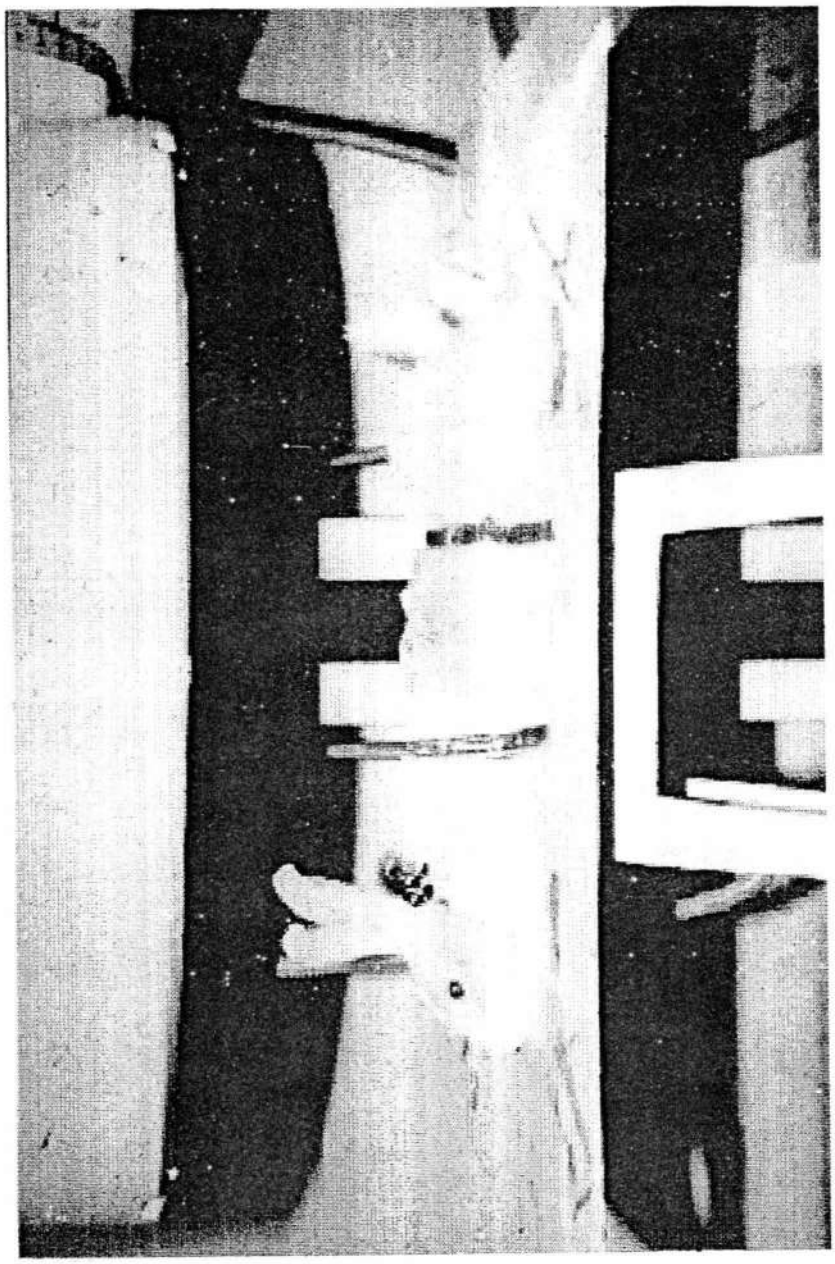
Lampiran : 19

Gambar Posisi kelinci pada pemeriksaan Kamera Gamma/SPECT



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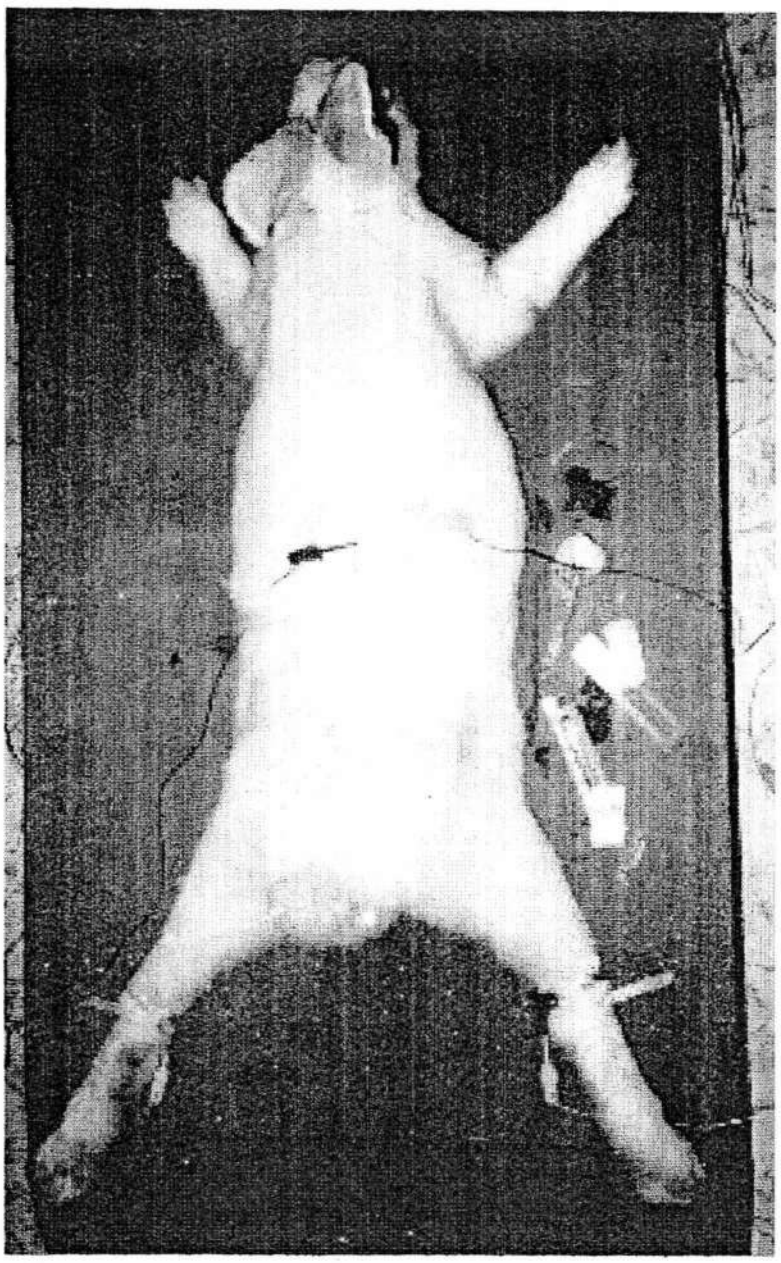
Lampiran : 20

Gambar posisi kelinci pada pemeriksaan Profil Kelistrikan



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Lampiran : 21

Gambar pemeriksaan dengan alat pengukur profil beda tegangan listrik dengan perangkat lunak komputer