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LAMPIRAN

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/Fax. 024-8318350

RSUP Dr. KARIADI

ETHICAL CLEARANCE
No. 535/EC/FK-RSDK/2016

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

"EFEK REMOTE ISCHEMIC PRECONDITIONING TERHADAP KADAR CKMB TIKUS WISTAR PASCA INFARK MIOKARD YANG DIINDUKSI ISOPROTERENOL"

Peneliti Utama : *Muhammad Fa'iz Ramadhan*

Pembimbing : -dr. Novi Anggriyani, Sp.JP, FIHA
-dr. Noor Wijayahadi, M.Kes, PhD

Penelitian : Dilaksanakan di Lab. Biologi Fakultas Matematika dan Ilmu Pengetahuan Alam (FMIPA) Universitas Negeri Semarang

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

Pada laporan akhir peneliti harus melampirkan cara pemeliharaan & dekapitasi hewan coba dan melaporkan ke KEPK bahwa penelitian sudah selesai dilampiri Abstrak Penelitian.

Semarang, 0 2 MAY 2016
Komisi Etik Penelitian Kesehatan
Fakultas Kedokteran Undip-RS. Dr. Kariadi
Ketua,

Prof. Dr. dr. Suprihati, M.Sc, Sp.THT-KL(K)
NIP. 19500621 197703 2 001

Lampiran 2. Izin Penelitian

KEMENTERIAN RISET, TEKNOLOGI DAN PENDIDIKAN TINGGI
UNIVERSITAS NEGERI SEMARANG
FAKULTAS MATEMATIKA DAN ILMU PENGETAHUAN ALAM
LABORATORIUM JURUSAN BIOLOGY
Gedung D 11 Kampus Sekaran Gunungpati Semarang
Website : http://biologi.unnes.ac.id

Semarang, 29 Maret 2016

Nomor   : 371 / UN.37.1.4.5 /PT/2016
Lampiran   :
Perihal   : Permohonan Ijin Tempat Penelitian

Yth.
Pembantu Dekan I
Universitas Diponegoro

Dengan hormat,
Menjawab Surat saudara No. 2275/UN7.3.4/DI/PP/2016 tanggal 21 Maret 2016 perihal permohonan ijin tempat penelitian dengan menggunakan hewan percobaan, atas nama:

1. Nama : Muhammad Faiz Ramadhan
   NIM   : 22010112130085
2. Nama : Rachmatu Bill Multazam
   NIM   : 22010113130177
   Judul : Efek Remote Ischemic Preconditioning terhadap Kadar CKMB dan Luas Kematian Otot Jantung Tikus Wistar Pasca Infark Miokard yang Diinduksi Isoproterenol

Dengan ini kami beritahukan bahwa permohonan ijin tersebut dapat kami setujui sesuai peraturan yang berlaku. Adapun pelaksanaannya akan dibantu oleh teknisi kami sdri. Kartika Widya.

Demikian kami sampaikan, atas perhatian dan kerjasamanya di ucapkan terimakasih
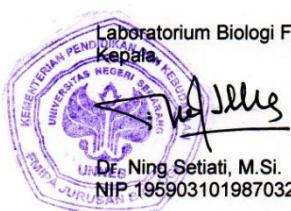
Laboratorium Biologi FMIPA Unnes
Kepala,

Dr. Ning Setiati, M.Si.
NIP.195903101987032001

Pengelola Kandang Hewan Coba

drh. Wulan Christijanti, M.Si
NIP. 196809111996032001

Lampiran 3. Dokumentasi Penelitian

Lampiran 4. Luaran Analisis Program Statistik

Kadar CKMB

Descriptives				Statistic	Std. Error
	Kelompok			Statistic	Std. Error
CKMB	Kontrol	Mean		217,29	17,548
		95% Confidence Interval for Mean	Lower Bound	174,35	
			Upper Bound	260,22	
		5% Trimmed Mean		216,04	
		Median		215,00	
		Variance		2155,571	
		Std. Deviation		46,428	
		Minimum		152	
		Maximum		305	
		Range		153	
		Interquartile Range		41	
		Skewness		,883	,794
		Kurtosis		2,429	1,587
	Perlakuan 1	Mean		224,57	35,922
		95% Confidence Interval for Mean	Lower Bound	136,67	
			Upper Bound	312,47	
		5% Trimmed Mean		223,02	
		Median		199,00	
		Variance		9032,619	
		Std. Deviation		95,040	
		Minimum		117	
		Maximum		360	
		Range		243	
		Interquartile Range		192	
		Skewness		,245	,794
		Kurtosis		-1,621	1,587
	Perlakuan 2	Mean		141,14	22,938
		95% Confidence Interval for Mean	Lower Bound	85,01	
			Upper Bound	197,27	
		5% Trimmed Mean		136,94	

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		Median	118,00	
		Variance	3683,143	
		Std. Deviation	60,689	
		Minimum	93	
		Maximum	265	
		Range	172	
		Interquartile Range	77	
		Skewness	1,781	,794
		Kurtosis	3,076	1,587

Tests of Normality kadar CKMB

	Kelompok	Shapiro-Wilk		
		Statistic	df	Sig.
Kadar CKMB	Kontrol	,912	7	,410
	Perlakuan 1	,923	7	,496
	Perlakuan 2	,782	7	,027

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

a. Lilliefors Significance Correction

Tests of Normality kadar CKMB yang ditransformasi menggunakan fungsi Log 10

	Kelompok	Shapiro-Wilk		
		Statistic	df	Sig.
Transfor masi Log_10	Kontrol	,940	7	,639
	Perlakuan 1	,916	7	,442
	Perlakuan 2	,866	7	,171

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

a. Lilliefors Significance Correction

Test of Homogeneity of Variances Kadar CKMB

yang ditransformasi

Levene Statistic	df1	df2	Sig.
2,510	2	18	,109

ANOVA

Kadar CKMB yang ditransformasi

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	,188	2	,094	3,937	,038
Within Groups	,430	18	,024		
Total	,617	20			

Multiple Comparisons

Dependent Variable: Kadar CKMB yang ditransformasi

LSD

(I) Kelompok	(J) Kelompok	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
Kontrol	Perlakuan 1	,013376231	,082573017	,873	-,16010324	,18685570
	Perlakuan 2	,207021471*	,082573017	,022	,03354200	,38050094
Perlakuan 1	Kontrol	-,013376231	,082573017	,873	-,18685570	,16010324
	Perlakuan 2	,193645240*	,082573017	,031	,02016577	,36712471
Perlakuan 2	Kontrol	-,207021471*	,082573017	,022	-,38050094	-,03354200
	Perlakuan 1	-,193645240*	,082573017	,031	-,36712471	-,02016577

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

Lampiran 5. Biodata Mahasiswa

Identitas

Nama   : Muhammad Fa'iz Ramadhan

NIM   : 22010112130085

Tempat/Tanggal Lahir   : Kebumen, 8 Maret 1994

Jenis Kelamin   : Laki-laki

Alamat   : Jl. Sersan Suharmaji 05/01 Polaman, Manisrenggo,

                                           Kota Kediri

Nomor HP   : 085785776787

Email   : mufara99@gmail.com

Riwayat Pendidikan Formal

1. SD   : SD N Kras 1, Kabupaten Kediri, lulus tahun 2006

2. SMP   : MTs N Kediri 2, Kota Kediri, lulus tahun 2009

3. SMA   : SMA N 2 Kediri, Kota Kediri, lulus tahun 2012

4. Perguruan Tinggi   : Fakultas Kedokteran UNDIP masuk tahun 2012

Keanggotaan Organisasi

1. MALADICA KU UNDIP dilantik tahun 2014