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LAMPIRAN

Lampiran 1. Surat keterangan kelaikan etik (*Ethical Clearance*)

KOMISI ETIK PENELITIAN
FAKULTAS KEDOKTERAN GIGI–RSGM UGM PROF. SOEDOMO
UNIVERSITAS GADJAH MADA

Sekip Utara, Yogyakarta 55281
Telepon 081228783235, *E-mail*: ke.fkg@ugm.ac.id

KETERANGAN KELAIKAN ETIK PENELITIAN
ETHICS COMMITTEE APPROVAL
Nomor 78/UN1/KEP/FKG-RSGM/EC/2024

Komisi Etik Penelitian Fakultas Kedokteran Gigi – RSGM UGM Prof Soedomo, Universitas Gadjah Mada, telah mengkaji dengan seksama rancangan penelitian yang diusulkan:

The Ethics Committee of the Faculty of Dentistry – Prof Soedomo Dental Hospital, Universitas Gadjah Mada, has carefully reviewed the proposed research design:

Judul *Title of research protocol*	:	Pengaruh Pemakaian *Tray Chlorine Dioxide* Terhadap Keberhasilan Perawatan Periodontitis Diabetika
Peneliti Utama *Principal investigator*	:	Dr. drg. Ahmad Syaify, Sp.Perio. Subsp.RPID(K), FISID
Anggota Penelitian *Member of research*	:	1. drg. Rezmelia Sari, M.Sc., Sp. Perio., Subsp. RPID (K) 2. Prof. drg. Supriatno, M.Kes., MDSc., Ph.D 3. drg. Muhammad Fauzi Adityawan Pritama, MDSc 4. drg. Muhammad Nabeel Wildan, MdSc 5. drg. Feby Monika, MDSc
Penanggung Jawab Penelitian *Responsible person of research*	:	Dr. drg. Ahmad Syaify, Sp.Perio. Subsp.RPID(K), FISID
Unit/Lembaga *Institution*	:	Fakultas Kedokteran Gigi UGM
Tempat Penelitian *Place of research*	:	1. RSGM Prof. Soedomo FKG UGM 2. Klinik Dokter keluarga KORPAGAMA 3. Laboratorium Riset Terpadu FKG UGM

Maka dengan ini menyatakan bahwa protokol penelitian tersebut telah disetujui. Persetujuan laik etik berlaku satu tahun dari tanggal persetujuan.

Thus declares that this research protocol has been approved Ethical approval is valid for one year from the date of approval.

Peneliti wajib mengumpulkan:
The investigator(s) is/are obliged to submit:

- ☐ Laporan tahunan untuk penelitian tahun jamak
  Annual report for multi-years research
- ☐ Laporan mengenai adanya efek samping
  Report of any serious adverse events (SAE)
- ☑ Laporan akhir setelah penelitian selesai
  Final report upon the completion of the study

Yogyakarta, 13 Mei 2024
Ketua
Chairman

drg. Riyna Dwi Yanuaryska, Ph.D.

Lampiran 2. Surat permohonan melakukan penelitian

UNIVERSITAS GADJAH MADA
FAKULTAS KEDOKTERAN GIGI
Sekip Utara, Yogyakarta 55281, Indonesia
Telp./Faks. +62-274-515307, e-mail:fkg@ugm.ac.id, website: https://fkg.ugm.ac.id

Nomor : 8507/ UN1/FKG/SP/PT/2024 2 Juli 2024
Hal : Permohonan izin penelitian

Yth. Kepala Klinik Dokter Keluarga Korpagama
Universitas Gadjah Mada

Dalam rangka penyusunan Tesis dengan judul

KADAR CALPROTECTIN PASIEN PERIODONTITIS DM TIPE 2 SETELAH PEMAKAIAN GEL KLORIN DIOKSIDA MENGGUNAKAN *TRAY* PASKA *SCALLING ROOT PLANNING*

bagi mahasiswa Fakultas Kedokteran Gigi Universitas Gadjah Mada

nama	:	drg. Muhammad Nabeel Wildan
NIM	:	21/491218/PKG/01553
program studi	:	Spesialis Periodonsia
dosen pembimbing utama	:	Dr. drg. Ahmad Syaify, Sp. Perio., Subsp. RPID., FISID
dosen pembimbing pendamping	:	drg. Sri Pramestri Lastianny, MS., SP. Perio (K)

bersama ini kami mohon izin bagi mahasiswa tersebut diatas untuk melakukan penelitian di Klinik Dokter Keluarga Korpagama Universitas Gadjah Mada pada tanggal 10 Juli s.d 10 Oktober 2024.

Segala biaya yang timbul akibat kegiatan ini dibebankan pada yang bersangkutan.

Demikian atas perhatian dan kerjasamanya kami ucapkan terima kasih.

Dekan,

Prof. drg. Suryono, SH., MM., Ph.D

Tembusan:
1. Ketua Program Studi Spesialis Periodonsia
2. Dosen Pembimbing Tesis
3. Enumerator PRISMA
4. Mahasiswa yang bersangkutan
5. Sekretariat PPDGS

Fakultas Kedokteran Gigi Universitas Gadjah Mada

Visi: Menjadi Fakultas Kedokteran Gigi terkemuka di Indonesia yang berkelas dunia, mengabdi kepada kepentingan bangsa dan kemanusiaan dijiwai nilai-nilai budaya berdasarkan Pancasila

UNIVERSITAS GADJAH MADA
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Nomor : 8508/ UN1/FKG/SP/PT/2024 2 Juli 2024
Hal : Permohonan izin penelitian

Yth. Kepala Laboratorium Riset Terpadu
Fakultas Kedokteran Gigi Universitas Gadjah Mada

Dalam rangka penyusunan Tesis dengan judul

KADAR CALPROTECTIN PASIEN PERIODONTITIS DM TIPE 2 SETELAH PEMAKAIAN GEL KLORIN DIOKSIDA MENGGUNAKAN *TRAY* PASKA *SCALLING ROOT PLANNING*

bagi mahasiswa Fakultas Kedokteran Gigi Universitas Gadjah Mada

nama	:	drg. Muhammad Nabeel Wildan
NIM	:	21/491218/PKG/01553
program studi	:	Spesialis Periodonsia
dosen pembimbing utama	:	Dr. drg. Ahmad Syaify, Sp. Perio., Subsp. RPID., FISID
dosen pembimbing pendamping	:	drg. Sri Pramestri Lastianny, MS., SP. Perio (K)

bersama ini kami mohon izin bagi mahasiswa tersebut diatas untuk melakukan penelitian di Laboratorium Riset Terpadu Fakultas Kedokteran Gigi Universitas Gadjah Mada pada tanggal 10 Juli s.d 10 Oktober 2024.

Segala biaya yang timbul akibat kegiatan ini dibebankan pada yang bersangkutan.

Demikian atas perhatian dan kerjasamanya kami ucapkan terima kasih.

Dekan,

Prof. drg. Suryono, SH., MM., Ph.D

Tembusan:
1. Ketua Program Studi Spesialis Periodonsia
2. Dosen Pembimbing Tesis
3. Enumerator PRISMA
4. Mahasiswa yang bersangkutan
5. Sekretariat PPDGS

Fakultas Kedokteran Gigi Universitas Gadjah Mada

Visi: Menjadi Fakultas Kedokteran Gigi terkemuka di Indonesia yang berkelas dunia, mengabdi kepada kepentingan bangsa dan kemanusiaan dijiwai nilai-nilai budaya berdasarkan Pancasila.

Lampiran 3. Surat bebas tanggungan laboratorium

UNIVERSITAS GADJAH MADA
LABORATORIUM RISET TERPADU FAKULTAS KEDOKTERAN GIGI
Gedung DLC Lt. 1 dan 5 Sayap Barat, Jl. Denta No. 1, Sekip Utara, Yogyakarta 55281 Telp/ faks: +62 274 515307
Website: http//:fkg.ugm.ac.id E-mail: labrisetfkg@ugm.ac.id

SURAT KETERANGAN
BEBAS TANGGUNGAN ADMINISTRASI LABORATORIUM

Nama yang tercantum dibawah ini menerangkan bahwa :

Nama	: Muhammad Nabeel Wildan
NIM	: 21/491218/PKG/01553
Program Studi	: PPDGS Periodonsia

Telah bebas dari semua tanggungan administrasi laboratorium untuk Praktikum serta telah memenuhi persyaratan untuk mengikuti Yudisium PPDGS Periodonsia Fakultas Kedokteran Gigi Universitas Gadjah Mada.

Yogyakarta, 15 Oktober 2024
Kepala Lab. Riset Terpadu FKG UGM

Dr. drg. Anne Handrini Dewi, M.Kes

Lampiran 4. Data penelitian

SRP+T Before	SRP+T After	SRP+S Before	SRP+S After	SRP Before	SRP After
7,986	6,361	6,304	5,116	5,610	5,280
7,765	6,039	6,361	5,207	6,228	6,039
6,039	4,543	6,783	5,592	6,590	6,399
6,686	5,098	6,648	5,518	6,171	5,908
5,592	4,104	7,765	6,705	6,686	6,399
6,860	5,170	6,114	4,917	6,152	5,889
6,171	4,596	6,228	4,899	6,437	6,209
6,802	5,062	6,096	4,971	6,552	6,152
6,437	4,863	6,821	5,610	6,494	6,114
6,918	5,170	6,533	5,316	6,725	6,247

Lampiran 5. Hasil SPSS

Case Summaries

Perlakuan		H0	H30	Penurunan
SRP+T	N	10	10	10
	Mean	6,7210	5,0970	1,6240
	Std. Deviation	,73579	,67455	,09686
SRP+S	N	10	10	10
	Mean	6,5610	5,3800	1,1810
	Std. Deviation	,49552	,53703	,07187
SRP	N	10	10	10
	Mean	6,3610	6,3110	,0500
	Std. Deviation	,33418	,36471	,08498
Total	N	30	30	30
	Mean	6,5477	5,5960	,9517
	Std. Deviation	,54892	,74178	,67905

Tests of Normality

		Kolmogorov-Smirnov[a]			Shapiro-Wilk		
Perlakuan		Statistic	df	Sig.	Statistic	df	Sig.
Penurunan	SRP+T	,163	10	.200*	,894	10	,186
	SRP+S	,194	10	.200*	,947	10	,637
	SRP	,422	10	.200*	,628	10	,537

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

a. Lilliefors Significance Correction

Test of Homogeneity of Variance

		Levene Statistic	df1	df2	Sig.
Penurunan	Based on Mean	1,116	2	27	,342
	Based on Median	,746	2	27	,484
	Based on Median and with adjusted df	,746	2	21,247	,486
	Based on trimmed mean	1,034	2	27	,369

ANOVA

Penurunan

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	13,176	2	6,588	907,875	,000
Within Groups	,196	27	,007		
Total	13,372	29			

Post Hoc Tests

Multiple Comparisons

Dependent Variable:

LSD

(I) Perlakuan		Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
SRP+T	SRP+S	.44300*	,03810	,000	,3648	,5212
	SRP	1.57400*	,03810	,000	1,4958	1,6522
SRP+S	SRP+T	-.44300*	,03810	,000	-,5212	-,3648
	SRP	1.13100*	,03810	,000	1,0528	1,2092
SRP	SRP+T	-1.57400*	,03810	,000	-1,6522	-1,4958
	SRP+S	-1.13100*	,03810	,000	-1,2092	-1,0528

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

Tests of Normality

		Kolmogorov-Smirnov[a]			Shapiro-Wilk		
	Kelompok	Statistic	df	Sig.	Statistic	df	Sig.
PD	SRP+T	.282	10	.023	.890	10	.172
	SRP+S	.192	10	.200*	.887	10	.158
	SRP	.326	10	.003	.838	10	.052

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

a. Lilliefors Significance Correction

Test of Homogeneity of Variances

		Levene Statistic	df1	df2	Sig.
PD	Based on Mean	1.197	2	27	.318
	Based on Median	1.061	2	27	.360
	Based on Median and with adjusted df	1.061	2	21.737	.363
	Based on trimmed mean	1.199	2	27	.317

ANOVA

PD

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	14.467	2	7.233	4.164	.027
Within Groups	46.900	27	1.737		
Total	61.367	29			

Multiple Comparisons LSD

Dependent Variable: PD

(I) Kelompok	(J) Kelompok	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
SRP+T	SRP+S	.80000	.58941	.186	-.4094	2.0094
	SRP	1.70000*	.58941	.008	.4906	2.9094
SRP+S	SRP+T	-.80000	.58941	.186	-2.0094	.4094
	SRP	.90000	.58941	.138	-.3094	2.1094
SRP	SRP+T	-1.70000*	.58941	.008	-2.9094	-.4906
	SRP+S	-.90000	.58941	.138	-2.1094	.3094

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

Tests of Normality

		Kolmogorov-Smirnov[a]			Shapiro-Wilk		
	Kelompok	Statistic	df	Sig.	Statistic	df	Sig.
CAL	SRP+T	.265	10	.055	.844	10	.059
	SRP+S	.206	10	.200*	.916	10	.325
	SRP	.153	10	.200*	.969	10	.882

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

a. Lilliefors Significance Correction

Test of Homogeneity of Variances

		Levene Statistic	df1	df2	Sig.
CAL	Based on Mean	.306	2	27	.739
	Based on Median	.068	2	27	.934
	Based on Median and with adjusted df	.068	2	24.967	.934
	Based on trimmed mean	.265	2	27	.769

ANOVA - CAL

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	20.067	2	10.033	3.300	.042
Within Groups	82.100	27	3.041		
Total	102.167	29			

POS HOC

Multiple Comparisons LSD

(I) Kelompok	(J) Kelompok	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
SRP+T	SRP+S	.90000	.77984	.259	-.7001	2.5001
	SRP	2.00000*	.77984	.016	.3999	3.6001
SRP+S	SRP+T	-.90000	.77984	.259	-2.5001	.7001
	SRP	1.10000	.77984	.170	-.5001	2.7001
SRP	SRP+T	-2.00000*	.77984	.016	-3.6001	-.3999
	SRP+S	-1.10000	.77984	.170	-2.7001	.5001

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

Lampiran 6. Dokumentasi Penelitian