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Lampiran 1. Surat Izin Penelitian



KEMENTERIAN PENDIDIKAN DAN KEBUDAYAAN
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 Jl. Perintis Kemerdekaan Km. 10, Makassar 90245
 Telepon (0411) 586012, 584641 Faximile. (0411) 584641
 Website : <http://dent.unhas.ac.id>, Email: fk@unhas.ac.id

No : 3105/UN4.13.1/PT.01.04/2020
 Perihal : **Izin Penelitian**

20 November 2020


Kepada Yth.
 - **Direktur RSGMP Unhas**
 di Tempat

Dengan hormat kami sampaikan bahwa mahasiswa Program Pendidikan Dokter Gigi Spesialis (PPDGS) Bedah Mulut dan Maksilofasial, Fakultas Kedokteran Gigi Universitas Hasanuddin bermaksud untuk melakukan penelitian dalam rangka penyusunan tesis.

Sehubungan dengan hal tersebut, kiranya dapat diberikan **izin penelitian** kepada Mahasiswa Fakultas Kedokteran Gigi Universitas Hasanuddin:

Nama & Stambuk : **drg. Nurmaifah (J045182004)**
 Waktu Penelitian : 23 November 2020 s.d. 23 Maret 2021
 Tempat Penelitian : Departemen Radiologi RSGMP Unhas
 Judul Penelitian : "Perbandingan Pencitraan CBCT dengan Panoramik dalam Mengklasifikasikan Impaksi Gigi Caninus".

Demikian permohonan kami atas perhatian dan kerjasamanya diucapkan terima kasih.

a.n. Dekan
 Wakil Dekan Bidang Akademik, Riset dan Inovasi,

Prof. Dr. drg. Edy Machmud, Sp. Pros(K)
 NIP 19631104199401 1 001

Tembusan Yth:
 1. Dekan FKG Unhas;
 2. Ketua Departemen Radiologi FKG Unhas;
 3. Kepala Bagian Tata Usaha FKG Unhas

Lampiran 2. Ethical Clearance

KEMENTERIAN RISET, TEKNOLOGI DAN PENDIDIKAN TINGGI
UNIVERSITAS HASANUDDIN
FAKULTAS KEDOKTERAN GIGI
RUMAH SAKIT GIGI DAN MULUT
KOMITE ETIK PENELITIAN KESEHATAN
Sekretariat : Lantai 2, Gedung Lama RSGM Unhas
Jl. Kande No. 5 Makassar
Contact Person: drg. Muhammad Iqbal, Sp.Prost/Or Aedab AR TELP. 08134297103/0814919791

REKOMENDASI PERSETUJUAN ETIK
Nomor: 0111/PL.09/KEPK FKG-RSGM UNHAS/2020
Tanggal: 30 November 2020

Dengan ini menyatakan bahwa protokol dan dokumen yang berhubungan dengan protokol berikut ini telah mendapatkan persetujuan etik:

No. Protokol	UH 17120396	No Protokol Sponsor	
Peneliti Utama	Drg. Nurmaifah	Sponsor	Pribadi
Judul Peneliti	Perbandingan Pencitraan CBCT dengan Panoramik dalam Mengklasifikasikan Impaksi Gigi Incisivus, Caninus dan Premolar		
No. Versi Protokol	1	Tanggal Versi	20 November 2020
No. Versi Protokol		Tanggal Versi	
Tempat Penelitian	RSGMP Unhas, RSGM UGM, RSGM UNPAD		
Dokumen Lain			
Jenis Review	<input type="checkbox"/> Exempted <input checked="" type="checkbox"/> Expedited <input type="checkbox"/> Fullboard	Masa Berlaku 30 November 2020-30 November 2021	Frekuensi Review Lanjutan
Ketua Komisi Etik Penelitian	Nama: Dr. drg. Marhamah, M. Kes	Tanda Tangan	Tanggal
Sekretaris Komisi Etik Penelitian	Nama: drg. Muhammad Iqbal, Sp.Prost	Tanda Tangan	Tanggal

Kewajiban peneliti utama:

- Menyerahkan Amandemen Protokol untuk persetujuan sebelum diimplementasikan
- Menyerahkan laporan SAE ke Komisi Etik dalam 24 jam dan dilengkapi dalam 7 hari dan lapoe SUSAR dalam 72 jam setelah peneliti utama menerima laporan.
- Menyerahkan laporan kemajuan (*progress report*) setiap 6 bulan untuk penelitian resiko tinggi dan setiap setahun untuk penelitian resiko rendah.
- Menyerahkan laporan akhir setelah penelitian berakhir.
- Melaporkan penyimpangan dari protokol yang disetujui (*protocol deviation/violation*)
- Mematuhi semua aturan yang berlaku.

Lampiran 3. Surat Selesai Penelitian



KEMENTERIAN PENDIDIKAN, KEBUDAYAAN,
RISET, DAN TEKNOLOGI
UNIVERSITAS HASANUDDIN
RUMAH SAKIT GIGI DAN MULUT PENDIDIKAN

Jl. Kandeo No. 5, Makassar 90156
Tlp : 0411-3616336/3622523, Fax. : 0411-3635302, Careline: 0811-4429191
Laman: <http://rsgm.unhas.ac.id/> e-mail: care.rsgm@unhas.ac.id

SURAT KETERANGAN

Nomor: 00030/UN4.25/PT.01.05/2023

Yang bertanda tangan di bawah ini,

Nama : A. Tajrin, drg.,M.Kes.,Sp.B.M.M.,Subsp.C.O.M.(K)
NIP : 19741010 200312 1 002
Pangkat dan : Penata Tk. I/ III.d
Golongan
Jabatan : Direktur

Dengan ini menerangkan bahwa,

Nama : drg. Nurmaifah
NIM : J045182004
Judul : "Perbandingan Pencitraan Orthopantomografi dan Cone Beam Computed Tomography Dalam Mengklasifikasikan Gigi Impaksi Kaninus Rahang Atas"

Bahwa yang bersangkutan telah melakukan penelitian di Rumah Sakit Gigi dan Mulut Pendidikan Universitas Hasanuddin sejak 27 November 2020 - 28 Januari 2023.

Demikian surat keterangan ini dibuat untuk dipergunakan sebagaimana mestinya.

3 Februari 2023

Direktur Rumah Sakit Gigi dan Mulut Pendidikan Unhas,



A. Tajrin, drg., M.Kes., Sp.B.M.M., Subsp.C.O.M.(K)
NIP.19741010 200312 1 002

Tembusan:

1. Komite Etik Penelitian
2. Arsip



Lampiran 4. *Informed consent*



KEMENTERIAN RISET, TEKNOLOGI DAN PENDIDIKAN TINGGI
 UNIVERSITAS HASANUDDIN
 FAKULTAS KEDOKTERAN GIGI
 RUMAH SAKIT GIGI DAN MULUT
 KOMITE ETIK PENELITIAN KESEHATAN
 Sekretariat : Lantai 2, Gedung Lama RSGM Unhas
 JL.Kandea No. 5 Makassar



Contact Person: drg. Muhammad Ikbal, Sp.Pros/Ayu Trysnawati TELP. 081342971011/085394448438

FORMULIR PERSETUJUAN

Yang bertanda tangan di bawah ini :

Nama :
 Umur :
 Jenis Kelamin :
 Pekerjaan :

Telah mendapat keterangan secara terperinci dan jelas mengenai :

1. Penelitian yang berjudul “ Pencitraan Ortopantomografi dan *Cone Beam Computed Tomography* dalam mengklasifikasikan impaksi gigi kaninus rahang atas
2. Perlakuan yang akan diterapkan pada subyek
3. Prosedur Penelitian

Mendapat kesempatan mengajukan pertanyaan mengenai segala sesuatu yang berhubungan dengan penelitian tersebut. Oleh karena itu saya bersedia/tidak bersedia* secara sukarela untuk menjadi subyek penelitian dengan penuh kesadaran serta tanpa paksaan Demikian pernyataan ini saya buat dengan sebenarnya tanpa ada tekanan dari pihak manapun.

Makassar,

2020

Peneliti

Responden

Lampiran 5 Data Sampel Penelitian

No	Tanggal	Nama	Umur	JK	Diagnosis	Keterangan
1	27 -11-20	Muh Akbar	30	L	Impaksi 23	Operasi
2	30-04-21	Rita Wita S		P	Impaksi Gigi 23	Operasi
3	08 Des 2020	Reski Aprianti	19	P	Impaksi gigi 23	Operasi
4	10-02-2021	Liyen Gri Yanti	23	P	Impaksi gigi 23	Operasi
5	27 -03-2021	Aisyah Syarafina	18	P	Impaksi gigi 13	Operasi
6	15/ 09/2021	Aisyah Ayu Puteri	13	P	Impaksi Gigi 13	Operasi
7	22/09/2021	Nurul Fauziah	17	P	Impaksi Gigi 13	Belum op
8	18-06-21	Eli Riani	26	P	Impaksi Gigi 23	Operasi
9	11/2/2022	Aisyah Ulfah Imran	29	P	Impaksi Gigi 13	Operasi
10	23/03/22	Nur Amaliah Amal	18	P	Impaksi Gigi 13	Operasi
11	20 Juli 2022	Baso Safaruddin	22	L	Impaksi gigi 23	Belum op
12	22-Sep-22	Saidah	33	P	Impaksi 23	Belum op
13	19-Apr-22	Ikhsan Suhandy	18	L	Impaksi Gigi 13	Belum op
14	19-Apr-22	Ikhsan Suhandy	18	L	Impaksi Gigi 23	Belum op
15	19-Juli-22	M.Ichsan Nawawi	30	L	impaksi 13	Belum op
16	19-Juli-22	M.Ichsan Nawawi	30	L	impaksi 23	Belum op
17	Oktober 22	Anis Anjani	31	L	impaksi 13	Operasi
18	Oktober 22	Anis Anjani	31	L	impaksi 23	Operasi
19	Oktober 22	Alfian Indrasakti	20	L	impaksi 23	Operasi
20	5-Jan-23	Nurwahyudi	22	L	impaksi 23	Operasi
21	12 Okt 2022	Anggun	21	P	impaksi 13	Belum op
22	9-Jul-22	Sharunif	23	P	impaksi 13	Belum op
23	5-Jan-23	Seybatul	15	P	impaksi 13	Belum op
24	5-Jan-23	Seybatul	15	P	impaksi 23	Belum op
25	Des 22	Ros	34	P	impaksi 13	Belum op
26	11 Agus 2022	Arfandi	23	L	impaksi 13	Operasi
27	12/12/2022	Sitti Nurkamar	30	P	impaksi 13	Operasi
28	12/12/2022	Sitti Nurkamar	30	P	impaksi 23	Operasi
29	15 Des 22	Winda Oktaviani	30	P	impaksi 13	Operasi
30	10-Jan-23	dr. Horsiani	23	P	impaksi 23	Operasi

Lampiran 6. Data Statistik Sampel Penelitian

UJI DESKRIPTIF

Statistics

		Posisi OPG 2	Posisi CBCT 2	Long axis OPG 2	Long axis CBCT 2
N	Valid	30	30	30	30
	Missing	0	0	0	0
Mean		2.13	2.20	3.73	4.27
Std. Deviation		.571	.714	1.856	2.434
Minimum		1	1	1	1
Maximum		3	3	7	7

Jenis Kelamin

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Laki-laki	13	43.3	43.3	43.3
	Perempuan	17	56.7	56.7	100.0
	Total	30	100.0	100.0	

Letak Gigi Impaksi

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Kanan	15	50.0	50.0	50.0
	Kiri	15	50.0	50.0	100.0
	Total	30	100.0	100.0	

Bilateral Unilateral

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Unilateral	22	73.3	73.3	73.3
	Bilateral	8	26.7	26.7	100.0
	Total	30	100.0	100.0	

Frequency Table

Uji Kappa Klasifikasi Archer

Jenis				Total	Nilai Kappa		Nilai p	
				1.00	4.00			
OPG	P1_Archer	1.00	n	1	0	1	0.626	0.000
			%	100.0%	0.0%	100.0%		
		2.00	n	4	0	18		
			%	22.2%	0.0%	100.0%		
		3.00	n	1	0	6		
			%	16.7%	0.0%	100.0%		
		4.00	n	0	3	5		
			%	0.0%	60.0%	100.0%		
	Total		n	6	3	30		
			%	20.0%	10.0%	100.0%		
CBCT	P1_Archer	1.00	n	6	0	6	0.903	0.000
			%	100.0%	0.0%	100.0%		
		2.00	n	0	0	7		
			%	0.0%	0.0%	100.0%		
		3.00	n	0	0	13		
			%	0.0%	0.0%	100.0%		
		4.00	n	0	3	4		
			%	0.0%	75.0%	100.0%		
	Total		n	6	3	30		
			%	20.0%	10.0%	100.0%		

Jenis				P2_Yamamoto							Total	Nilai Kappa	Nilai p
				1.00	2.00	3.00	4.00	5.00	6.00	7.00			
OPG	P1_Yamamoto	1.00	n	1	0	0	0	0	0	0	1	0.823	0.000
			%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%		
		2.00	n	0	8	1	1	0	0	0	10		
			%	0.0%	80.0%	10.0%	10.0%	0.0%	0.0%	0.0%	100.0%		
		3.00	n	0	0	3	0	0	0	0	3		
			%	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	0.0%	100.0%		
		4.00	n	0	2	0	8	0	0	0	10		
			%	0.0%	20.0%	0.0%	80.0%	0.0%	0.0%	0.0%	100.0%		
		5.00	n	0	0	0	0	1	0	0	1		
			%	0.0%	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	100.0%		
		6.00	n	0	0	0	0	0	1	0	1		
			%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%	0.0%	100.0%		
		7.00	n	0	0	0	0	0	0	4	4		
			%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%	100.0%		
Total			n	1	10	4	9	1	1	4	30		
			%	3.3%	33.3%	13.3%	30.0%	3.3%	3.3%	13.3%	100.0%		
CBCT	P1_Yamamoto	1.00	n	3	0	0	0	0	0	0	3	0.957	0.000

		%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%
	2.00	n	0	6	0	0	0	0	0	6
		%	0.0%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%
	3.00	n	0	0	1	0	0	0	0	1
		%	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	0.0%	100.0%
	4.00	n	0	0	0	6	0	0	1	7
		%	0.0%	0.0%	0.0%	85.7%	0.0%	0.0%	14.3%	100.0%
	5.00	n	0	0	0	0	2	0	0	2
		%	0.0%	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	100.0%
	6.00	n	0	0	0	0	0	1	0	1
		%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%	0.0%	100.0%
	7.00	n	0	0	0	0	0	0	10	10
		%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%	100.0%
	Total	n	3	6	1	6	2	1	11	30
		%	10.0%	20.0%	3.3%	20.0%	6.7%	3.3%	36.7%	100.0%

* Marginal Homogeneity

P1_Archer_OPG		P1_Archer_CBCT				Total	Nilai p
		Klas 1	Klas 2	Klas 3	Klas 4		
Klas 1	n	0	1	0	0	1	1.000
	%	0.0%	100.0%	0.0%	0.0%	100.0%	
Klas 2	n	5	6	7	0	18	
	%	27.8%	33.3%	38.9%	0.0%	100.0%	
Klas 3	n	0	0	6	0	6	
	%	0.0%	0.0%	100.0%	0.0%	100.0%	
Klas 4	n	1	0	0	4	5	
	%	20.0%	0.0%	0.0%	80.0%	100.0%	
Total	n	6	7	13	4	30	
	%	20.0%	23.3%	43.3%	13.3%	100.0%	

P1_Archer_OPG		P2_Archer_CBCT				Total	Nilai p
		Klas 1	Klas 2	Klas 3	Klas 4		
Klas 1	n	0	0	1	0	1	0.853
	%	0.0%	0.0%	100.0%	0.0%	100.0%	
Klas 2	n	5	6	7	0	18	
	%	27.8%	33.3%	38.9%	0.0%	100.0%	
Klas 3	n	0	0	6	0	6	
	%	0.0%	0.0%	100.0%	0.0%	100.0%	
Klas 4	n	1	1	0	3	5	
	%	20.0%	20.0%	0.0%	60.0%	100.0%	
Total	n	6	7	14	3	30	
	%	20.0%	23.3%	46.7%	10.0%	100.0%	

P2_Archer_OPG		P1_Archer_CBCT				Total	Nilai p
		Klas 1	Klas 2	Klas 3	Klas 4		
Klas 1	n	2	1	3	0	6	0.105
	%	33.3%	16.7%	50.0%	0.0%	100.0%	
Klas 2	n	3	6	5	2	16	
	%	18.8%	37.5%	31.3%	12.5%	100.0%	
Klas 3	n	0	0	5	0	5	
	%	0.0%	0.0%	100.0%	0.0%	100.0%	
Klas 4	n	1	0	0	2	3	
	%	33.3%	0.0%	0.0%	66.7%	100.0%	
Total	n	6	7	13	4	30	
	%	20.0%	23.3%	43.3%	13.3%	100.0%	

P2_Archer_OPG	P2_Archer_CBCT				Total	Nilai p
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		Klas 1	Klas 2	Klas 3	Klas 4		
Klas 1	n	2	1	3	0	6	0.139
	%	33.3%	16.7%	50.0%	0.0%	100.0%	
Klas 2	n	3	6	5	2	16	
	%	18.8%	37.5%	31.3%	12.5%	100.0%	
Klas 3	n	0	0	5	0	5	
	%	0.0%	0.0%	100.0%	0.0%	100.0%	
Klas 4	n	1	0	0	2	3	
	%	33.3%	0.0%	0.0%	66.7%	100.0%	
Total	n	6	7	13	4	30	
	%	20.0%	23.3%	43.3%	13.3%	100.0%	

P2_Yamamoto_OPG		P1_Yamamoto_CBCT							Total	Nilai p
		Type 1	Type 2	Type 3	Type 4	Type 5	Type 6	Type 7		
Type 1	n	1	0	0	0	0	0	0	1	0.011
	%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%	
Type 2	n	2	5	0	3	0	0	0	10	
	%	20.0%	50.0%	0.0%	30.0%	0.0%	0.0%	0.0%	100.0%	
Type 3	n	0	0	1	0	1	0	2	4	
	%	0.0%	0.0%	25.0%	0.0%	25.0%	0.0%	50.0%	100.0%	
Type 4	n	0	1	0	4	0	0	4	9	
	%	0.0%	11.1%	0.0%	44.4%	0.0%	0.0%	44.4%	100.0%	
Type 5	n	0	0	0	0	1	0	0	1	
	%	0.0%	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	100.0%	
Type 6	n	0	0	0	0	0	1	0	1	
	%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%	0.0%	100.0%	
Type 7	n	0	0	0	0	0	0	4	4	
	%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%	100.0%	
Total	n	3	6	1	7	2	1	10	30	
	%	10.0%	20.0%	3.3%	23.3%	6.7%	3.3%	33.3%	100.0%	

P2_Yamamoto_OPG		P2_Yamamoto_CBCT							Total	Nilai p
		Type 1	Type 2	Type 3	Type 4	Type 5	Type 6	Type 7		
Type 1	n	1	0	0	0	0	0	0	1	0.007
	%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%	
Type 2	n	2	5	0	3	0	0	0	10	
	%	20.0%	50.0%	0.0%	30.0%	0.0%	0.0%	0.0%	100.0%	
Type 3	n	0	0	1	0	1	0	2	4	
	%	0.0%	0.0%	25.0%	0.0%	25.0%	0.0%	50.0%	100.0%	
Type 4	n	0	1	0	3	0	0	5	9	
	%	0.0%	11.1%	0.0%	33.3%	0.0%	0.0%	55.6%	100.0%	
Type 5	n	0	0	0	0	1	0	0	1	

	%	0.0%	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	100.0%
Type 6	n	0	0	0	0	0	1	0	1
	%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%	0.0%	100.0%
Type 7	n	0	0	0	0	0	0	4	4
	%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%	100.0%
Total	n	3	6	1	6	2	1	11	30
	%	10.0%	20.0%	3.3%	20.0%	6.7%	3.3%	36.7%	100.0%

Lampiran 7 Riwayat Hidup Penulis

DATA PRIBADI

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 2007 – 2012 Jurusan Pendidikan Dokter Gigi, Fakultas Kedokteran Gigi, Universitas
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 2004 – 2007 Sekolah Menengah Atas Negeri 1 Lembang, Kab. Pinrang, Indonesia.
 2001 – 2004 Sekolah Menengah Pertama Negeri 2 Duampanua, Kab. Pinrang, Indonesia.
 1995 – 2001 Sekolah Dasar Negeri 169 Duampanua, Kab. Pinrang, Indonesia.
 1994 – 1995 TK Aisyah Bungi, Kab. Pinrang, Indonesia

PENGALAMAN ORGANISASI

2007 – 2012	Anggota HMI Komisariat Kedokteran Gigi
2009 – 2010	Sekretaris MAPERWA FKG Universitas Hasanuddin.
2010 – 2011	Anggota <i>Asia Pasific Dental Student Association</i> (APDSA)

PENGALAMAN KERJA

2013-2018 : Dokter gigi di Puskesmas Bungi, Kab. Pinrang, Prov. Sulawesi Selatan

KARYA ILMIAH

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1. *Management submandibular abcess with cutaneous fistula:a Case Report*, dibawakan pada Gotrasawala, Dies Natalis FKG Unpad ke 61, 2020
 2. *Impacted maxillary central incisors: Surgery or conservative management-report of two cases with current literature. 6th Joint Scientific Meeting in dentistry, JSMID 2021*
 3. *Bleeding after extraction teeth. Serial Case*, dibawakan pada *5th International Conference on Biophysical Technology in Dentistry, 9th Makassar Scientific Meeting*, tahun 2022
 4. *Bleeding oral hemangioma in children: a Case Report*, dibawakan pada Kongres Nasional 2020, Persatuan Ahli Bedah Mulut dan Maksilofasial Indonesia, tahun 2022.
 5. *The use of application mesh titanium in oral and maxillofacial surgery (Multidisciplinary Collaborative). 4th International conference Brawijaya Dentistry(ICBD)*, tahun 2022

