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Lampiran 1. Lembar Etik Penelitian



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.Prost/Nur Aedah AR TELP. 081342971011/08114919191

REKOMENDASI PERETUJUAN ETIK

Nomor: 0002/PL.09/KEPK FKG-RSGM UNHAS/2023

Tanggal: 10 Januari 2023

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

No. Protokol	UH 17120741	No Protokol Sponsor	
Peneliti Utama	Drg. R. Alfian Djamaludin	Sponsor	Pribadi
Judul Peneliti	Pengaruh Penambahan Hidroksiapatit dari Serbuk Cangkang Kepiting Bakau terhadap Kekerasan Core Build-Up Semen Ionomer Kaca		
No. Versi Protokol	1	Tanggal Versi	28 Desember 2022
No. Versi Protokol		Tanggal Versi	
Tempat Penelitian	Laboratorium Kimia dan Pharmasetik STIFA Makassar, Laboratorium Teknik Metalurgi Unhas Gowa		
Dokumen Lain			
Jenis Review	<input checked="" type="checkbox"/> Exempted <input type="checkbox"/> Expedited <input type="checkbox"/> Fullboard	Masa Berlaku 10 Januari 2023-10 Januari 2024	Frekuensi Review Lanjutan
Ketua Komisi Etik Penelitian	Nama: Dr. drg. Marhamah, M.Kes	Tanda Tangan 	Tanggal
Sekretaris Komisi Etik Penelitian	Nama: drg. Muhammad Ikbal, 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 lapor 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 2. Lembar Perbaikan Ujian Seminar Proposal dan Ujian Seminar Hasil PPDGS Prosthodontia

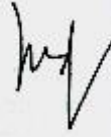
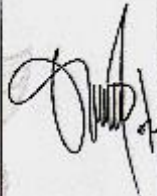
LEMBAR PERBAIKAN

**KARYA TULIS AKHIR (KTA) / PROPOSAL TESIS
PROGRAM PENDIDIKAN DOKTER GIGI SPESIALIS (PPDGS)
PROSTODONSIA**

Nama Mahasiswa : **Anisah Nabilah Ferry**

Stambuk : **J015 211 00 5**

No.	Tim Penguji	Catatan Perbaikan/ Saran	Halaman	Tanda Tangan
1.	Drg. Irfan Dammar., Sp.Prost., Subs.MFP(K).	<ol style="list-style-type: none"> 1. Tambahkan kelemahan GIC selain sifat mekanisnya 2. Latar belakang → menggunakan formulasi HA konsentrasi 9% 3. Kerangka teori → komposisi GIC universal 4. Hipotesis harus berupa kalimat deklaratif 5. Menjabarkan angka formulasi pada sampel 6. Tinjauan Pustaka → Menambahkan referensi mengenai Diatom 	<p>Hal 8-9</p> <p>Hal 5</p> <p>Hal 26</p> <p>Hal 27</p> <p>Hal 28</p> <p>Hal 1-16</p>	
2.	Drg. Eri Hendra Jubhari, M.kes, Sp.Prost. Subs. PKIKG(K)	<ol style="list-style-type: none"> 1. Tambahkan fungsi dan pemanfaatan kitosan dalam bidang kedokteran gigi 2. Tambahkan "kelembaban penyimpanan sampel" pada variabel kendali 3. Tidak memasukkan pembuatan sampel pada pengujian sampel 4. Cara dan hasil pengukuran uji → definisi operasional 	<p>Hal 22</p> <p>Hal 29</p> <p>Hal 30</p> <p>Hal 29-30</p>	

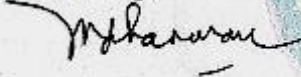
No.	Tim Pembimbing	Catatan Perbaikan/ Saran	Halaman	Tanda Tangan
1.	Prof. drg. Moh. Dharmautama, Ph.D., Sp.Prof., Subs.PKIKG(K)	<ol style="list-style-type: none"> Mengganti 97% menjadi 91% pada tabel formulasi GIC Judul tesis disederhanakan (Induktif) 	Hal 28 Cover	
2.	drg. Rifaat Nurrahma, Sp.Prof., Subs.MFP(K)	<ol style="list-style-type: none"> Tambahkan pada Variabel Kendali → Alat ukur Pembuatan GIC Daftar Pustaka dominan Bahasa Inggris dan pertahankan apabila berkesinambungan dengan penelitian 	Hal 29 Hal 37-40	

Makassar,

Februari 2024

Mengetahui,

Pembimbing I

Prof.drg.Moh.Dharmautama,Ph.D.,Sp.Prof.,
Subs.PKIKG(K)

Pembimbing II

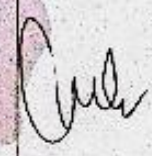
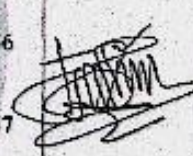
drg.Rifaat Nurrahma,Sp.Prof.,Subs.MFP(K)

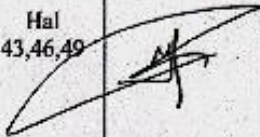
LEMBAR PERBAIKAN

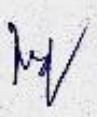
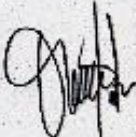
KARYA TULIS AKHIR (KTA) / TESIS PROGRAM PENDIDIKAN DOKTER GIGI SPESIALIS (PPDGS) PROSTODONSIA

Nama Mahasiswa : **Anisah Nabilah Ferry**

Stambuk : **J015 211 005**

No.	Tim Penguji	Catatan Perbaikan/ Saran	Halaman	Tanda Tangan
1.	Prof.Dr. Bahruddin Thalib, drg., M.Kes., Sp.Pro., Subsp.PKIKG (K).	<ol style="list-style-type: none"> 1. Pada latar belakang, urgensi penelitian core build-up pada bidang prostodontik 2. Cantumkan yang mendasari pembuatan formulasi GIC yang berbeda dari gold standar 3. Sinkronkan kesimpulan sesuai rumusan masalah 	<p style="text-align: center;">Hal 2</p> <p style="text-align: center;">Hal 32</p> <p style="text-align: center;">Hal 56</p>	
2.	Drg. Eri Hendra Jubhari, M.Kes., Sp. Pro s., Subsp.PKIKG(K).	<ol style="list-style-type: none"> 1. Memperbaiki penggunaan tanda desimal 2. Jelaskan makna "tenang" pada hal 55 3. Menambahkan pada kesimpulan tentang perbandingan GIC konvensional dan GIC modifikasi 4. Update buku dental material yang paling baru 	<p style="text-align: center;">Hal 41 - 49</p> <p style="text-align: center;">Hal 56</p> <p style="text-align: center;">Hal 57</p> <p style="text-align: center;">Hal 61</p>	

3.	Drg.Irfan Dammar, Sp.Pro., Subsp.MFP(K).	<ol style="list-style-type: none"> 1. Memperbaiki kerangka konsep, cantumkan di kerangka konsep kontrol positif 2. Cantumkan perbandingan GIC konvensional dan setiap formulasi GIC modifikasi 3. Perbaiki kata "Inomer" menjadi "Ionomer" 	<p>Hal 30</p> <p>Hal 43,46,49</p> <p>Cover judul</p>	
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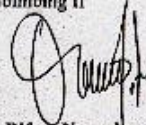
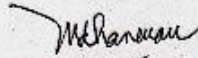
No.	Tim Pembimbing	Catatan Perbaikan/ Saran	Halaman	Tanda Tangan
1.	Prof. Moh. Dharmautama, drg.,Ph.D.,Sp.Pro., Subsp.PKJKG(K)	<ol style="list-style-type: none"> 1. Memberbaiki statistik data hasil penelitian 2. Penyesuaian rumusan masalah, tujuan, hipotesis dan kesimpulan 	<p>Hal 43 - 50</p> <p>Hal 8,9,31-32, 59</p>	
2.	Rifaat Nurrahma, drg.,Sp.Pro., Subsp.MFP(K).	<ol style="list-style-type: none"> 1. Masukkan GIC konvensional pada tabel Uji Post Hoc 2. Memperbaiki keterbatasan penelitian 3. Kata "Fuji IX" di perbaiki menjadi "Fuji VI" 	<p>Hal 44,47,50</p> <p>Hal 56</p> <p>Hal 31</p>	

Makassar, 6 Juni 2024

Mengetahui,

Pembimbing I

Pembimbing II

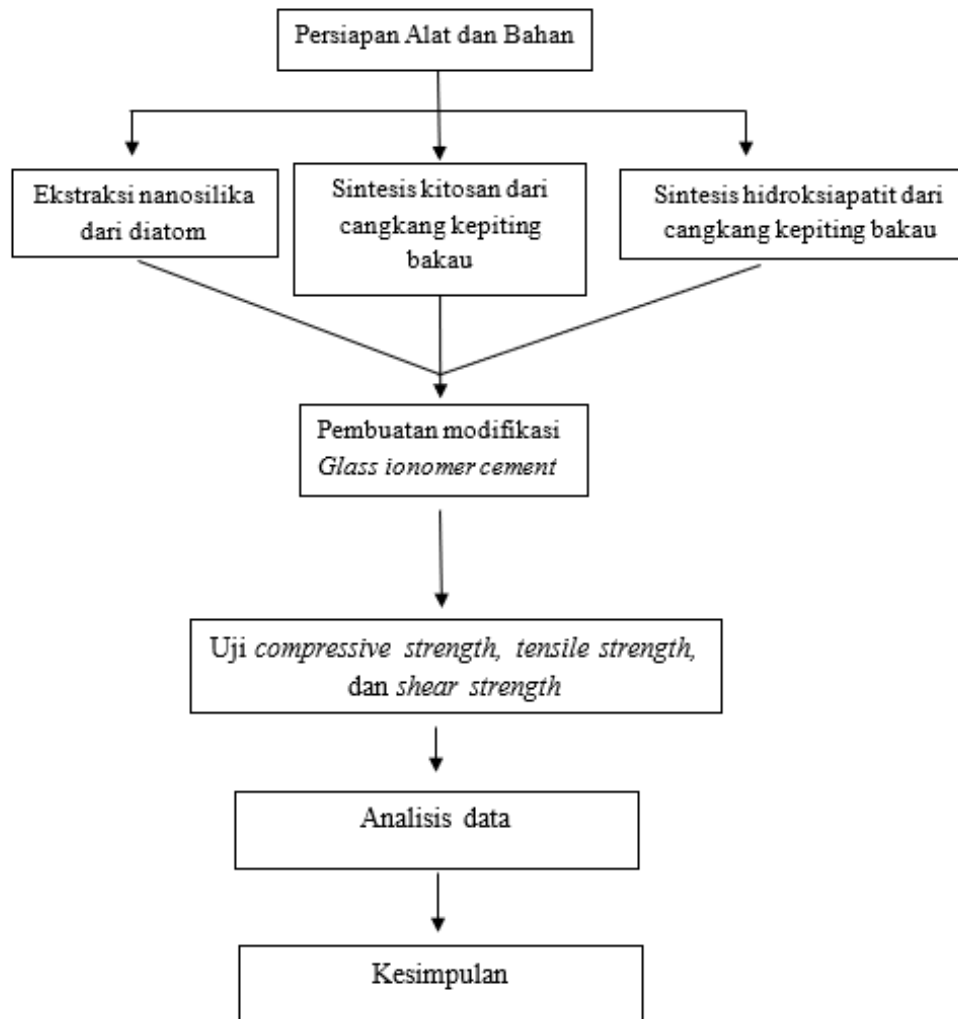


Prof. drg. Moh. Dharmantama, Ph.D.
Sp. Pros. Subs.PKIKG (K)

drg. Rifaat Nurrahmah, Sp.Pros.
Subs.MFP (K)



Lampiran 3a. Alur Penelitian



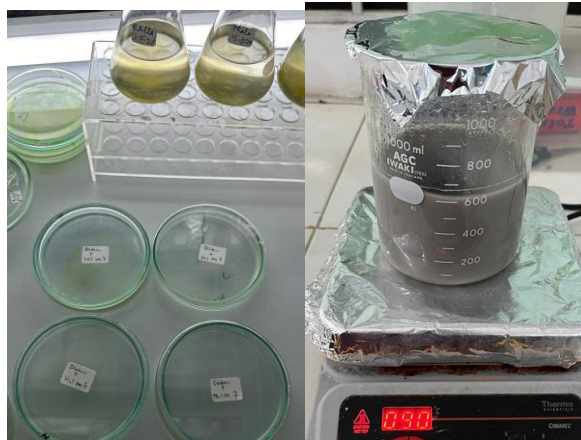
Lampiran 3b. Foto Pelaksanaan Penelitian



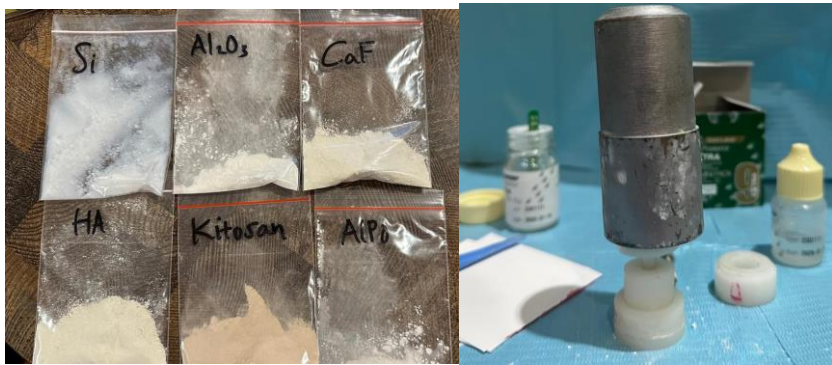
Gambar 1: Proses pembuatan serbuk cangkang kepiting bakau hingga menjadi Hidroksiapatit



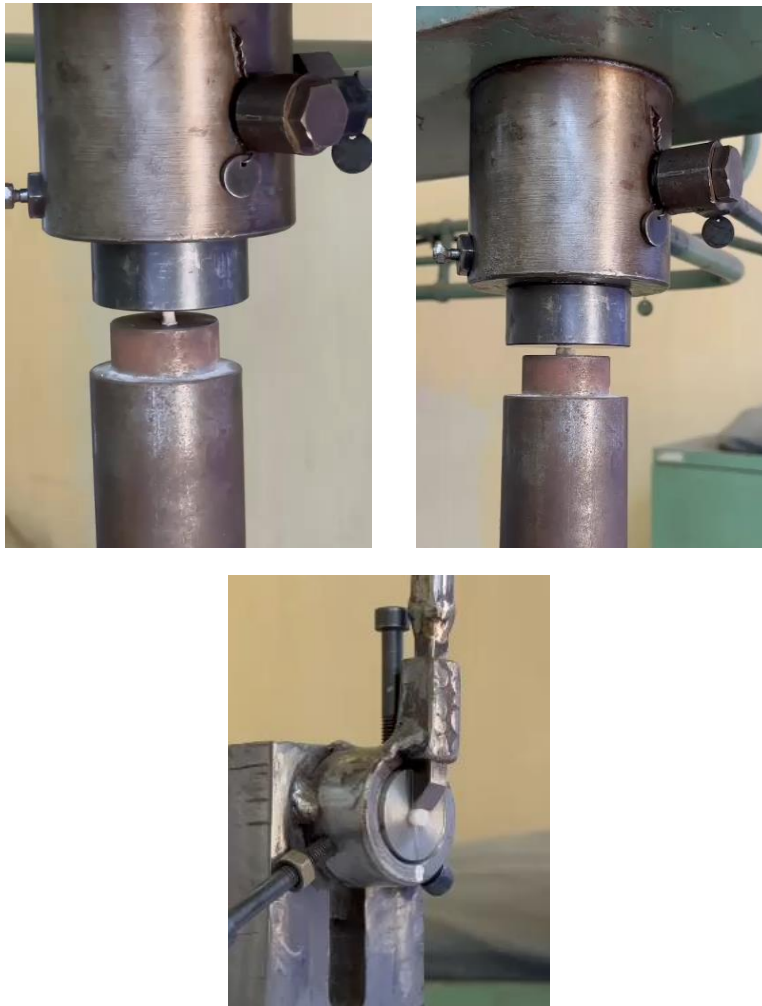
Gambar 2: Proses pembuatan kitosan dari cangkang Kepiting



Gambar 3: Proses isolasi dan pembuatan silika dari diatom



Gambar 4: Proses pembuatan sampel *Glass Ionomer Cement* modifikasi



Gambar 5: Proses pengujian Compressive Strength, Tensile Strength, Shear Bond Strength