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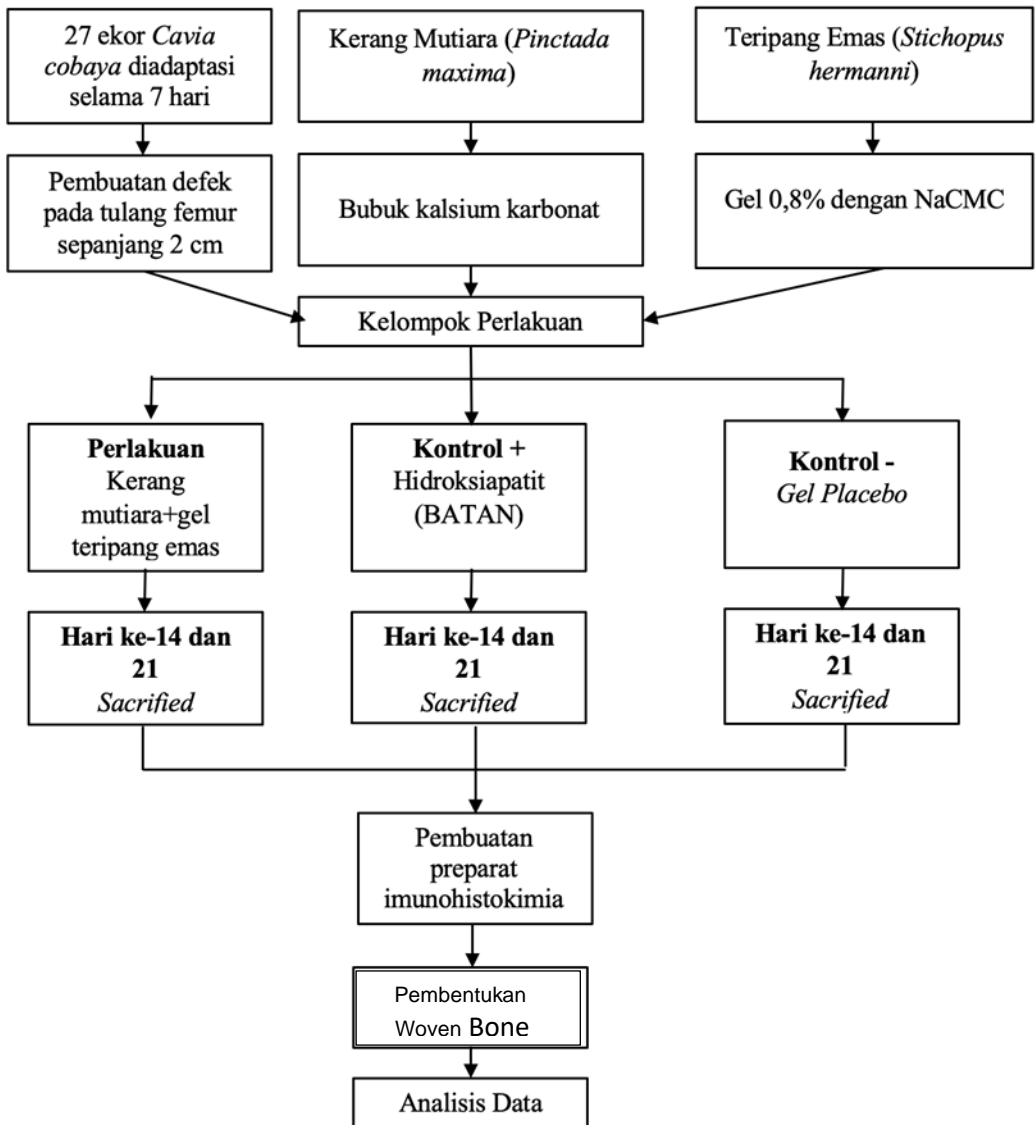
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## **LAMPIRAN**




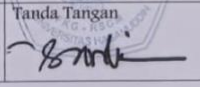


## LAMPIRAN

Lampiran 1. Alur penelitian



## Lampiran 2. Rekomendasi persetujuan etik

		<p style="text-align: center;">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'a No. 5 Makassar Contact Person: drg. Muhammad Iqbal, Sp.Pros/Nur Aedah AR TELP. 081342971011/08114919191</p>			
<b>REKOMENDASI PERSETUJUAN ETIK</b> Nomor: O114/PL.09/KEPK FKG-RSGM UNHAS/2023 Tanggal: 23 Juni 2023					
Dengan ini menyatakan bahwa protokol dan dokumen yang berhubungan dengan protokol berikut ini telah mendapatkan persetujuan etik:					
No. Protokol	UH 171208	No Protokol Sponsor			
Peneliti Utama	drg. Juli Fitriani	Sponsor		Pribadi	
Judul Peneliti	Efektivitas Kombinasi Bone Graft yang Mengandung Cangkang Kerang Mutiara (Pinctada Maxima) Dengan Gel Teripang Emas Terhadap Pembentukan Woven Bone Pada Regenerasi Tulang				
No. Versi Protokol	1	Tanggal Versi		19 Juni 2023	
No. Versi Protokol		Tanggal Versi			
Tempat Penelitian	1. Laboratorium Biokimia Politani Politeknik Negeri Pangkep 2. Laboratorium Lembaga Penelitian dan Pengembangan Sains Fak.MIPA UNHAS 3. Laboratorium Terpadu Dept.Kimia, Fak.MIPA UNHAS 4. Klinik Hewan Docpet Jl.AP.Pettarani,Makassar 5. Laboratorium PA RSP Universitas Hasanuddin 6. Laboratorium Biokimia-Biomolekuler Fakultas Kedokteran Universitas Brawijaya				
Dokumen Lain					
Jenis Review	<input type="checkbox"/> Exempted <input checked="" type="checkbox"/> Expedited <input type="checkbox"/> Fullboard	Masa Berlaku 23 Juni 2023-23 Juni 2024		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.Pros	Tanda Tangan 		Tanggal	
Kewajiban peneliti utama: <ul style="list-style-type: none"> <li>▪ Menyerahkan Amandemen Protokol untuk persetujuan sebelum diimplementasikan</li> <li>▪ 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.</li> <li>▪ Menyerahkan laporan kemajuan (<i>progress report</i>) setiap 6 bulan untuk penelitian resiko tinggi dan setiap setahun untuk penelitian resiko rendah.</li> <li>▪ Menyerahkan laporan akhir setelah penelitian berakhir.</li> <li>▪ Melaporkan penyimpangan dari protokol yang disetujui (<i>protocol deviation/violation</i>)</li> </ul>					

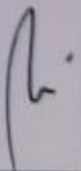
## Lampiran 3. Lembar Perbaikan Ujian Seminar Hasil


Nama : Juli Fitriani

NIM : J035211004

Tanggal Ujian : 22 Maret 2024

Judul : Kombinasi Bone Graft Yang Mengandung Cangkang Kerang Mutiara (Pinctada Maxima) Dengan Gel Teripang Emas Terhadap Pembentukan Woven Bone Pada Regenerasi Tulang.

No.	Nama Dosen Penguji/ Pembimbing	Koreksi Tesis	Paraf
1.	drg. Surijana Mappangara, M.Kes.,Sp.Perio (K)	1. Judul setiap tabel diperbaiki pada hasil penelitian di perbaiki 2. Hipotesis di perbaiki • <b>Jawaban :</b> Penulis sudah mengganti dengan judul yang sesuai • Penulis sudah menambahkan Hipotesis	
2.	Dr.Arni Irawaty Djais, drg., Sp.Perio., Subsp.R.P.I.D (K)	1. Perbaiki Penulisan tanda baca • <b>Jawaban :</b> Penulis sudah memperbaiki penulisan, tanda baca	
3.	Dr.Asdar Gani, drg., M.Kes	1. Perbaiki citation pada penulisan daftar pustaka	

		<p>2. Kerangka konsep dan alur penelitian ditambahkan</p> <ul style="list-style-type: none"><li>• <b>Jawaban</b><ul style="list-style-type: none"><li>- Penulis sudah memperbaiki citation dan daftar pustaka</li><li>- Penulis sudah menambahkan kerangka konsep dan alur penelitian</li></ul></li></ul>	

#### Lampiran 4. Proses ekstraksi cangkang kerang Mutiara



a



b



c



c



d



f



g

**Keterangan gambar:** (a)Cangkang kerang Mutiara di bersihkan dengan cara disikat; (b)Cangkang kerang Mutiara di keringkan dan di jemur di bawah sinar matahari; (c)Proses penepungan Cangkang kerang Mutiara; (d)Proses kalnasi; (e)sampel setelah di kalnasi; (f)Penambahan akuades hingga menjadi suspensi; (g) Penyaringan suspensi

**Lampiran 4. Perlakuan hewan coba dan pengambilan jaringan**

a



b



c



d



e



f



g



h



i



j



k



l

**Keterangan gambar:** (a) Adaptasi hewan; (b) Penimbangan hewan; (c) Pencukuran bulu hewan; (d) Pemberian anastesi; (e) Persiapan operasi pada femur kanan hewan; (f) Insisi; (g) Pembuatan defek; (h) Pemberian gel teripang emas; (i) Pemberian bubuk HA cangkang kerang mutiara; (j) Penjahitan; (k dan l) Persiapan eter untuk *sacrifice*; (m) Pengambilan tulang femur; (n) Sampel di masukan ke formalin; (o) Penjahitan