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LAMPIRAN

Lampiran 1. Surat Izin Penelitian



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Nomor : 05405/UN4.13/PT.01.04/2023
Hal : Izin Penelitian

20 Desember 2023

Yth.

1. Dekan Fakultas Kedokteran Gigi
 2. Dekan Fakultas Teknik
- Universitas Hasanuddin
Makassar

Dengan hormat kami sampaikan bahwa sehubungan dengan kewajiban penyelesaian tugas akhir (Skripsi) mahasiswa Program Studi Pendidikan Dokter Gigi (S1) Fakultas Kedokteran Gigi Universitas Hasanuddin, maka mahasiswa kami bermaksud akan melakukan penelitian.

Sehubungan dengan hal tersebut, mohon kiranya dapat diberikan izin penelitian kepada mahasiswa di bawah ini:

Nama / NIM : Fitri Ramadani / J011211107
Waktu Penelitian : Februari s.d. September 2024
Tempat Penelitian : Laboratorium Konservasi dan Laboratorium Oral Biologi Fakultas Kedokteran Gigi Universitas Hasanuddin, Laboratorium Metalurgi Fakultas Teknik Mesin Universitas Hasanuddin
Pembimbing : Wahyuni Suci Dwiandhany, drg., Ph.D., Sp.KG., Subsp., KR (K)
Judul Penelitian : Efek Perendaman Aquades terhadap Kekuatan Ikatan Tarik Bahan *Self Etch Adhesive* Universal Dua Tahap dengan Kandungan Non-Hema

Demikian permohonan kami, atas perhatian dan kerja sama yang baik diucapkan terima kasih.

a.n. Dekan,
Wakil Dekan Bidang Akademik dan Kemahasiswaan



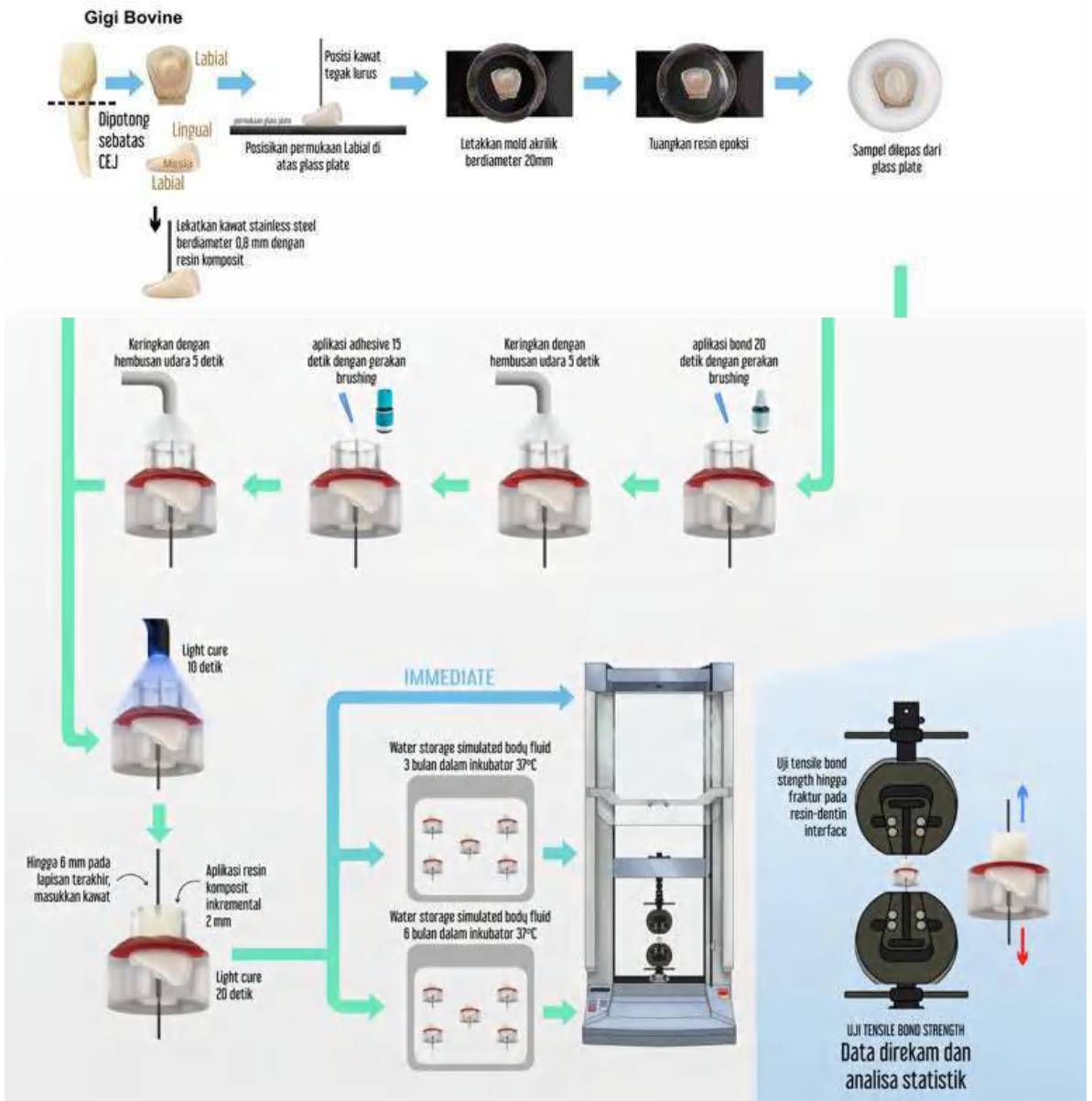
Acing Habibic Mude, drg., Ph.D., Sp.Pro., Subsp. OGST(K).
NIP 198102072008121002

Tembusan:

1. Ketua Departemen Konservasi Gigi FKG Unhas;
2. Ketua Departemen Oral Biologi FKG Unhas
3. Kepala Bagian Tata Usaha FKG Unhas.



Lampiran 2. Gambar Alur Penelitian



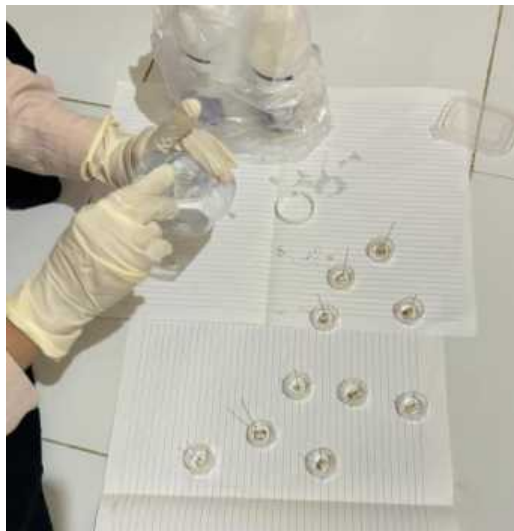
Lampiran 3. Dokumentasi Penelitian



Pemotongan Gigi Sapi (*bovine*)



Peletakan gigi sapi pada maould akrilik



Proses penuangan resin epoksi



Proses membersihkan sampel





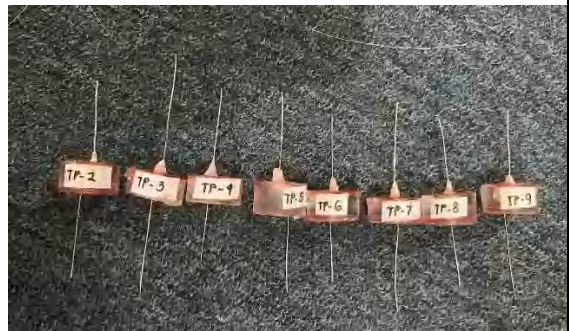
Setelah pengaplikasian bahan adhesif



Pengaplikasian bahan komposit



Proses *Light Cure*



Pengelompokan sampel sebelum uji





Proses inkubasi sampel (37° C)



Proses Uji tarik (*Tensile Bond Strength*)



Keadaan sampel setelah diuji



Lampiran 4. Data Hasil Penelitian

HASIL UJI TARIK BAHAN ADHESIVE NON HEMA (Tanpa Perendaman)				
Kode Sampel	Max. Force	Max. Disp.	Break Force	Break Disp.
	N	mm	N	mm
TP 1	37,9	2,41	25,4	2,42
TP 2	42,4	4,77	41,8	4,78
TP 3	39,3	0,93	9,1	0,97
TP 4	42,8	1,13	19,8	1,14
TP 5	40,2	1,37	5,2	1,38
TP 6	45,7	0,97	12,5	0,98
TP7	42,3	1,27	21,2	1,28
TP8	46,5	3,37	45,8	3,38
TP9	38,2	1,53	32,1	1,57

HASIL UJI TARIK BAHAN ADHESIVE NON HEMA (Perendaman 3 Bulan)				
Kode Sampel	Max. Force	Max. Disp.	Break Force	Break Disp.
	N	mm	N	mm
P3.1	35,7	0,10	35,6	0,10
P3.2	37,4	0,34	6,90	0,35
P3.3	39,7	0,46	5,60	0,48
P3.4	35,9	0,09	38,2	0,14
P3.5	28,8	2,19	22,60	2,22
P3.6	33,8	0,12	1,70	0,13
P3.7	36,2	3,27	9,10	3,31
P3.8	38,3	0,64	6,20	0,66
P3.9	35,6	0,16	35,5	0,16



**HASIL UJI TARIK BAHAN ADHESIVE NON HEMA
(Perendaman 6 Bulan)**

Kode Sampel	Max. Force	Max. Disp.	Break Force	Break Disp.
	N	mm	N	mm
P6.1	33,5	0,17	3,40	0,18
P6.2	34,8	0,86	12,80	0,86
P6.3	35,0	1,02	23,90	1,03
P6.4	30,7	1,17	1,60	1,18
P6.5	37,4	3,11	37,30	3,16
P6.6	28,1	0,19	1,90	0,20
P6.7	30,6	2,02	23,5	2,07
P6.8	31,9	0,09	32,6	0,33
P6.9	33,6	0,15	33,8	0,09



Lampiran 5. Kartu Kontrol Skripsi



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KARTU KONTROL SKRIPSI

Nama : Fitria Ramadani
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 Judul : Efek Perendaman pada Aquades terhadap Kekuatan Ikatan Tarik Bahan *Self-Etch Adhesive* Universal Dua Tahap dengan Kandungan Non-Hema

No.	Hari/Tanggal	Materi Konsultasi	Paraf	
			Pembimbing	Mahasiswa
1.	Rabu, 6 September 2023	Konsultasi dan Pengajuan Judul		
2.	Kamis, 9 November 2023	Bimbingan BAB I, II dan III		
3.	Selasa, 5 Desember 2023	Revisi BAB I, II, III dan PPT		
4.	Selasa, 12 Desember 2023	Seminar Proposal		
5.	Jumat, 11 Oktober 2024	Bimbingan BAB III dan BAB IV		
6.	Selasa, 15 Oktober 2024	Revisi BAB III, IV dan PPT		
7.	Selasa, 21 Oktober 2024	Seminar Hasil		
8.	Jumat, 1 November 2024	Revisi seminar Hasil		
9.	Jumat, 15 November 2024	Pembuatan Skripsi		

Makassar, 15 November 2024
 Pembimbing,

Wahyuni Suci Dwiandhany, drg.,
 Ph.D., Sp.KG., Subsp.KR(K).

