

DAFTAR PUSTAKA

1. Cuccia A, Caradonna C. The relationship between the stomatognathic system and body posture. *Journal Clinics*. 2009;64:61–6.
2. Sobojeva U, Lauriņa L, Slaidiņa A. The masticatory system - an overview. *Stomatologija, Baltic Dental and Maxillofacial Journal*. 2005;7
3. Pasinato F, de Oliveira AG, Santos-Couto-Paz CC, Zeredo JLL, Bolzan G de P, Macedo SB, et al. Study of the kinematic variables of unilateral and habitual mastication of healthy individuals. *Codas*. 2017;29(2).
4. Yalçın Yeler D, Yılmaz N, Koraltan M, Aydin E. A survey on the potential relationships between TMD, possible sleep bruxism, unilateral chewing, and occlusal factors in Turkish university students. *Journal of Craniomandibular Practice*. 2017 Sep 3;35(5):308–14.
5. Pankaj V, Arora A, Das D, & Kaira D. The Correlation of Unilateral Chewing Habit with Temporomandibular Joint Disorder. 2017;5(1).
6. Sari DL, Yunisa F. Gambaran Kejadian Temporo Mandibular Disorder (TMD) pada Pasien Kebiasaan Mengunyah Satu Sisi dan Dua Sisi yang Berkunjung Di Rumah Sakit Gigi Dan Mulut Universitas Muhammadiyah Yogyakarta Bulan Februari-Maret 2018: Fakultas Kedokteran dan Ilmu Kesehatan Universitas Muhammadiyah Yogyakarta; 2018
7. Aktaş F, Özmen Z, Aktaş T, Altunkaş A, Sönmezgöz F, Albayrak E. Bilateral Temporomandibular Joint Dislocation Secondary to Epileptic Seizure. *Acta Med Anatol*. 2016;4(3):132–4.
8. Shofi N, Cholil & Sukmana BI., 'Deskripsi Kasus Temporomandibular Disorder Pada Pasien', 2014;2:70- 73.
9. Rheni Safira. Relationship of One Side Cheeing Habits to Temporomandibular Joint Disorders Occurance : *Journal of Health and Dental Sciences.e-ISSN 2807-3126*. 2022;02(2):279-302.
10. Santana-Mora U, López-Cedrún J, Suárez-Quintanilla J, Varela-Centelles P, Mora MJ, Da Silva JL, et al. Asymmetry of dental or joint anatomy or impaired chewing function contribute to chronic temporomandibular joint disorders. *Annals of Anatomy*. 2021 Nov 1;238.
11. Okeson JP. Management of Temporomandibular Disorders and Occlusion edisi 8. Vol. 8. Kentucky: Elsevier; 2020.
12. Valentić-Peruzović M. Temporomandibular Disorders-Problems In Diagnostics.
13. Sari D, Ariyanto A. Hubungan Kebiasaan Mengunyah dengan Satu Sisi terhadap Gangguan Sendi Temporomandibular pada Mahasiswa Kebidanan di Universitas 'Aisyiyah Yogyakarta. Naskah Publ Univ 'Aisyiyah Yogyakarta. 2019.

14. Hamudeng AM, Bakri I. Prevalensi Gingivitis terhadap Kebiasaan Mengunyah Satu Sisi pada Anak Usia 6- 12 Tahun. Makassar Dent J. 2016 Mar;5:76–81.
15. Von Piekartz H, Schwidder J, Reineke L, Armijo-Olivio S, Bevilaqua-Grossi D, Biasotto Gonzalez DA, et al. International consensus on the most useful assessments used by physical therapists to evaluate patients with temporomandibular disorders: A Delphi study. J Oral Rehabil. 2020;47(6):685- 702. DOI: 10.1111/joor.12959.
16. Mude AH, Iqbal M, Dammar I, Rasul MI, Febriany M. Prevalence and Severity of the Temporomandibular Disorder among Senior High School Students in Indonesia. Sys Rev Pharm. 2020 Aug;11:17–20.
17. Gauer RL, Semidey MJ. Diagnosis and treatment of temporomandibular disorders. Am Fam Physician. 2015; 91(6): 378-86.
18. Ujin Yap A, Cao Y, Zhang MJ, Lei J, Fu KY. Age-related differences in diagnostic categories, psychological states and oral health-related quality of life of adult temporomandibular disorder patients. J Oral Rehabil. 2021; 48(4): 361-8. DOI: 10.1111/joor.13121
19. Ivković N, Racic M, Lecic R, Bozovic D, Kulic M. Relationship Between Symptoms of Temporomandibular Disorders and Estrogen Levels in Women With Different Menstrual Status. J Oral Facial Pain Headache. 2018; 32(2): 151-8. DOI: 10.11607/ofph.1906.
20. Riyanti N, Nizar E. Uji Validitas dan Reliabilitas Kuesioner Gejala TMD (SQ TMD) pada Populasi Usia 19-21 Tahun di Jabodetabek. J Kedok Gigi Terpadu. 2020;2(2):21-5.
21. Tiwari S, Nambiar S, Unnikrishnan B., ‘Chewing side preference -Impact on facial symmetry, dentition and temporomandibular joint and its correlation with handedness’, J Orofac Sci. 2017;9(1):22–7.
22. Rahmadanti B, Rachmawati YL, Damaryanti E, Kurniawati S. Dampak Mengunyah Satu Sisi Terhadap Asimetri Wajah: Tinjauan Literatur. Sinnun Maxillofacial Journal. 2021 Oct;03(02):66–75.
23. Mayil M, Keser G, Demir A, Pekiner FN. Assessment of Masseter Muscle Appearance and Thickness in Edentulous and Dentate Patients by Ultrasonography. Open Dent J. 2018 Oct 10;12(1):723–34.
24. Yamasaki Y, Kuwatsuru R, Tsukiyama Y, Matsumoto H, Oki K, Koyano K. Objective assessment of actual chewing side by measurement of bilateral masseter muscle electromyography. Arch Oral Biol. 2015 Dec 1;60(12):1756–62.
25. Ispir NG, Toraman M. the relationship of masseter muscle thickness with face morphology and parafunctional habits: an ultrasound study. Dentomaxillofacial Radiology. 2022;51(8).

26. Arıkan B, Dedeoğlu N, Keskinrüzgar A. Ultrasonographic evaluation of the masseter muscle in patients with temporomandibular joint degeneration. *Imaging Sci Dent.* 2023;53(4):355.
27. Park KM, Choi E, Kwak EJ, Kim S, Park W, Jeong JS, et al. The relationship between masseter muscle thickness measured by ultrasonography and facial profile in young Korean adults. *Imaging Sci Dent.* 2018 Sep 1;48(3):213–21.
28. Pedrizzetti G, Busato A, Balconi G, Vismara V, Bertelè L, Toni G, Et Al. Strain Analysis Of Masseter Muscle By Ultrasound. *Journal Of Biological Regulators & Homeostatic Agents.* 2015;29
29. Gawrołek K, Klatkiewicz T, Przystańska A, Maciejewska-Szaniec Z, Gedrange T, Czajka-Jakubowska A. Standardization of the ultrasound examination of the masseter muscle with size-independent calculation of records. *Advances in Clinical and Experimental Medicine.* 2021 Apr 1;30(4):441–7.
30. Duráo APR, Morosolli A, Brown J, Jacobs R. Masseter muscle measurement performed by ultrasound: A systematic review. *Dentomaxillofacial Radiology.* British Institute of Radiology; 2017;46.
31. Şatiroğlu F, Arun T, İşık F. Comparative data on facial morphology and muscle thickness using ultrasonography. *Eur J Orthod.* 2005 Dec;27(6):562–7.
32. Rani S, Ravi MS. Masseter muscle thickness in different skeletal morphology: An ultrasonographic study. *Indian Journal of Dental Research.* 2010 Jul;21(3):402–7.
33. Lucena CV, Silva HJ. Mastication: physiology and development aspects *Neurobiologia.* 2011;74:139–43.
34. Gu Y, Bai Y, Xie X. Bite Force Transducers and Measurement Devices. *Frontiers in Bioengineering and Biotechnology.* Frontiers Media S.A.; 2021;9
35. Ratnasari A, Hasegawa K, Oki K, Kawakami S, Yanagi Y, Asaumi JI, et al. Manifestation of preferred chewing side for hard food on TMJ disc displacement side. *J Oral Rehabil.* 2011 Jan;38(1):12–7.
36. Santana-Mora U, López-Cedrún J, Mora MJ, Otero XL, Santana-Penín U. Temporomandibular Disorders: The Habitual Chewing Side Syndrome. *PLoS One.* 2013 Apr 8;8(4).
37. William C, Simone GFG, fernando F, Renata CMRG. Occlusal Force, Electromyographic activity of masticatory muscles and mandibular flexure of subjects with different facial types. *Journal of applied Oral science.* 2011;19(4):343-9.
38. Martinez-Gomis J, Lujan-Climent M, Palau S, Bizar J, Salsench J, Peraire M. Relationship between chewing side preference and handedness and lateral asymmetry of peripheral factors. *Arch Oral Biol.* 2009 Feb;54(2):101–7.

39. Diernberger S, Benhardt O, Schwan C, Kordass B. Self-reported chewing side preference and its associations with occlusal, temporomandibular and prosthetic factors: results from the populationbased Study of Health in Pomerania (SHIP-O). *J Oral Rehabil.* 2008;35:613–20.
40. Suhartini. Kelainan Pada Temporo Mandibular Joint (TMJ). *Stomatognatic.* 2011;8(2).
41. Hardjono J, Rohana S. 'Perbedaan Pengaruh Penambahan Mobilisasi Roll Side pada Intervensi Ultra Sonik (US) terhadap Pengurangan Nyeri pada kasus Disfungsi Discus Temporo Mandibular Joint (TMJ). *Jurnal Fisioterapi Indonusa.* 2008;8.
42. Hiatt JL, Gartner LP. *Textbook of Head and Neck Anatomy.* 4th ed. Philadelphia: Lippincott Williams & Wilkins. 2010:209–214.
43. Stocum DL, Roberts WE. Part I: Development and Physiology of the Temporomandibular Joint. Vol. 16, *Current Osteoporosis Reports.* Current Medicine Group LLC 1; 2018;16:360–8.
44. Ara Syeda A, Katti G, Ahmed Syed R, Arora V. Prevalence of Temporomandibular Joint Disorders in Outpatients at Al-Badar Dental College and Hospital and Its Relationship to Age, Gender, Occlusion and Psychological Factors. *Journal of Indian Academy of Oral Medicine and Radiology.* 2012 Oct 15;24:261–8.
45. Ângelo DF, Mota B, João RS, Sanz D, Cardoso HJ. Prevalence of Clinical Signs and Symptoms of Temporomandibular Joint Disorders Registered in the Euro Tmj Database: A Prospective Study in a Portuguese Center. *J Clin Med.* 2023 May 1;12(10).
46. Scrivani SJ, keith DA, Kaban LB. Temporomandibula disorders. *N Eng J Med* 2008;359(25):3693-705. DOI: 10.1056/NEJMra0802472.
47. Srivastava D, Singh H, Mishra S, Sharma P, Kapoor P, Chandraa L. Facial asymmetry revisited: part I-diagnosis and treatment planning. *J Oral Biol Craniofac Res* 2018 Jan-Apr;8(1):7–14.
48. Sharma S, Gupta D, Pal U, Jurel S. Etiological factors of temporomandibular joint disorders. *Natl J Maxillofac Surg.* 2011;2(2):116.
49. Fillingim RB, Ohrbach R, Greenspan JD, Knott C, Diatchenko L, Dubner R, et al. Psychological factors associated with development of TMD: The Oppera prospective cohort study. *Journal of Pain.* 2013;14(12 SUPPL.).
50. Alomar X, Medrano J, Cabrata J, Clavero JA, Lorente M, Serra I, et al. Anatomy of the Temporomandibular Joint. *Seminars in Ultrasound, CT and MRI.* 2007 Jun;28(3):170–83.
51. Mazza D, Marini M, Impara L, Cassetta M, Scarpato P, Barchetti F, et al. Anatomic examination of the upper head of the lateral pterygoid muscle using magnetic resonance imaging and clinical data. *Journal of Craniofacial Surgery.* 2009 Sep;20(5):1508–11.

52. Arsenina OI, Komarova AV, Popova NV, Popova AV, Egorova DO. Elimination of discoordination of the masticatory muscles work in patients with muscular-articular dysfunction of the temporomandibular joint by using «elastocorrector» appliance. Stomatologija (Mosk). 2020;99:61–5.
53. Li GW, Liu CK, Liu P, Deng TG, Li JL, Hu KJ. Anatomical study of rat trigeminal motor nucleus-lateral pterygoid muscle projection pathway. Zhonghua Kou Qiang Yi Xue Za Zhi . 2020 Apr;55:259–63.
54. Roberts WE, Goodacre CJ. The Temporomandibular Joint: A Critical Review of Life-Support Functions, Development, Articular Surfaces, Biomechanics and Degeneration. Journal of Prosthodontics. Blackwell Publishing Inc. 2020;29:772–9.
55. Thiesen G, Gribel BF, Freitas MPM. Facial asymmetry: A current review. Dental Press J Orthod. 2015 Nov 1;20(6):110–25.
56. Bishara SE. Textbook of Orthodontics. Philadelphia: W.B. Saunders Company; 2001.
57. Chia MS, Naini FB, Gill DS. The aetiology, diagnosis and management of mandibular asymmetry. Ortho Update. 2008;1(1):44–52.
58. Haraguchi S, Iguchi Y, Takada K. Asymmetry of the face in orthodontic patients. . Angle Orthod. 2008 May;78(3):421–6.
59. La Touche R, Losana-Ferrer A, Pascual-Vaquerizo E, Suso-Martí L, Paris-Alemany A, hamorro-Sánchez J. Orofacial sensorimotor behaviour in unilateral chewing: A comparative analysis in asymptomatic population. . Physiol Behav. 2019;212.
60. Moraes KJR de, Cunha DA da, Albuquerque LCA, Carvalho CC de, Silva HJ da. Chewing preference and its relationship with postural muscular electric potential. Rev CEF AC. 2018 May;20:648–56.
61. Hokry S, Salam ZA, Ahmed AW, Ali EI. Task dependent muscular volume in unilateral edentulous patients by magnetic resonance imaging (MRI). Arch oral res. 2012;103–9.
62. Balcioglu HA, Uyanikgil Y, Yuruker S, Tuna HS, Karacayli U. Volumetric assessment of lateral pterygoid muscle in unilateral chewing: a stereologic study. . J Craniofac Surg. 2009 May;20:1346–66.
63. Dimova-Gabrovska M, Dimitrova D. Ultrasound Diagnostic Of Musculus Masseter. Journal Of Imab - Annual Proceeding (Scientific Papers) [Internet]. 2017 Jun 26;23(2):1611–5. Available From: <http://www.journal-imab-bg.org/issues-2017/issue2/vol23issue2p1611-1615.html>
64. Reda R, Zanza A, Cicconetti A, Bhandi S, Miccoli G, Gambarini G, et al. Ultrasound imaging in dentistry: A literature overview. Vol. 7, Journal of Imaging. MDPI; 2021.

65. Aldrich JE. Basic physics of ultrasound imaging. Critical Care Medicine. 2007;35
66. Zhen H, Liu Z, Wang H. Research progress in effect of chewing-side preference on temporomandibular joint and its relationship with temporo-mandibular disorders. Journal of Zhejiang University. 2023 Jun;386–97.
67. Nawawi AP, Meliawaty F, Putri VW. Differences in symptoms of men and women temporomandibular joint disorders in students of medical faculty universitas jenderal achmad yani batch 2020. Journal of Health and dental science. 2022;123–32.
68. Padmaja BI, Neeharika S, Bindu GH, Babu NS, Madhulika SD. Predilection of chewing side preferences and clinical assessment of its impact on temporomandibular joint . Journal of Dental and Allied Sciences (Medknow Publications). 2018 Jul;7(2):65.
69. Capenakas SG, Vich M, Pereira CP, Silveira V. Unilateral vicious mastication – The importance and resolution: a case report . - Journal of Research in Dentistry (Universidade do Sul de Santa Catarina - Unisul) -. 2018 Dec;6(6):132–7.
70. T. Suprajith, Wali A, Jain A, Patil KN, Mahale P, Niranjan V. Effect of Temporomandibular Disorders on Cortisol Concentration in the Body and Treatment with Occlusal Equilibrium. Journal of Pharmacy and Bioallied Scienc. 14(5):483–5.
71. Ginting R, Napitupulu FMN. Gejala Klinis dan Faktor Penyebab Kelainan Temporomandibular Joint pada Kelas I Oklusi Angle. . J Kedokt Gigi Univ Padjadjaran. 2019 Feb;31:108–19.
72. Łuszczuk M. Czy (a)symetria w obrębie kompleksu orofacialnego może być związana z preferencją ręki? Logopedia . 2020;83–94.
73. Lotze M, Domin M, Kordass B. Symmetry of MRI activation in the primary sensorimotor cortex during unilateral chewing. Clinical Oral Investigations. 2017 May;2.
74. Wieckiewicz M, Grychowska N, Wojciechowski K, Pelc A, Augustyniak M, Słeboda A. Prevalence and Correlation Between TMD Based On RDC/TMD Diagnoses, Oral Parafunctions and Psychoemotional Stress in Polish University Students. . Biomed Res Int. 2014 Jul;20.
75. Tircoveluri S, Singh JR, Rayapudi N, Karra A, Begum M, Challa P. Correlation of masseter muscle thickness and intermolar width: An ultrasonography study. J Int Oral Health. 2013 Feb;5:28–34.
76. Strini PJ, Strini PJ, de Sousa Barbosa T, Gavião MB. Assessment of thickness and function of masticatory and cervical muscles in adults with and without temporomandibular disorders. Arch Oral Biol. 2013 Sep;58:1100–8.
77. Schiffman E, Ohrbach R, Truelove E. International RDC/TMD Consortium Network; International Association for Dental Research; Orofacial Pain Special Interest Group; International Association for the Study of Pain. Diagnostic Criteria for

Temporomandibular Disorders (DC/TMD) for clinical and research applications: Recommendations of the International RDC/TMD Consortium Network and Orofacial Pain Special Interest Group. . J Oral Facial Pain Headache. 2014 Jan;28:6–27.

78. Xie Y, Zhou J, Li H, Cheng C, Herrler T, Li Q. Classification of masseter hypertrophy for tailored botulinum toxin type A treatment. Plast Reconstr Surg. 2014 Feb;134:209–18.
79. Lee K, Chon S. Assessments of muscle thickness and tonicity of the masseter and sternocleidomastoid muscles and maximum mouth opening in patients with temporomandibular disorder. Healthcare (Switzerland). 2021 Dec 1;9(12).
80. Olchowy A, Wieckiewicz M, Winocur E. Great potential of ultrasound elastography for the assessment of the masseter muscle in patients with temporomandibular disorders: A systematic review. . Dentomaxillofac Radiol. 2020 Aug;49.

Lampiran 1. Lembar Etik Penelitian

 <p style="font-size: 10pt; margin: 0;">KEMENTERIAN PENDIDIKAN, KEBUDAYAAN, RISET, DAN TEKNOLOGI UNIVERSITAS HASANUDDIN FAKULTAS KEDOKTERAN GIGI RUMAH SAKIT GIGI DAN MULUT PENDIDIKAN KOMITE ETIK PENELITIAN KESEHATAN</p> <p style="font-size: 8pt; margin: 0;">Sekretariat : JL.Kandeia No. 5 Makassar Lantai 2, Gedung Lama RSGM Unhas Contact Person: drg. Muhammad Ikbal, Sp.Pros/Nur Aedah AR TELP. 081342971011/08114919191</p> 																																											
REKOMENDASI PERSETUJUAN ETIK Nomor: 0102/PL.09/KEPK FKG-RSGM UNHAS/2024																																											
Tanggal: 14 Mei 2024																																											
<p>Dengan ini menyatakan bahwa protokol dan dokumen yang berhubungan dengan protokol berikut ini telah mendapatkan persetujuan etik:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">No. Protokol</td> <td style="width: 40%;">UH 17121112</td> <td style="width: 20%;">No Protokol Sponsor</td> <td style="width: 20%;"></td> </tr> <tr> <td>Peneliti Utama</td> <td>Andi Mirna Nasliah</td> <td>Sponsor</td> <td>Pribadi</td> </tr> <tr> <td>Judul Peneliti</td> <td colspan="3">Hubungan Antara Ketebalan Otot Masseter Dengan Kebiasaan Mengunyah Satu Sisi Pada Mahasiswa Yang Memiliki Dan Tidak Memiliki Tanda Dan Gejala Temporomandibular Disorder: Suatu Evaluasi Ultrasonografi (USG)</td> </tr> <tr> <td>No. Versi Protokol</td> <td>1</td> <td>Tanggal Versi</td> <td>29 April 2024</td> </tr> <tr> <td>No. Versi Protokol</td> <td></td> <td>Tanggal Versi</td> <td></td> </tr> <tr> <td>Tempat Penelitian</td> <td colspan="3">Departemen Prostodonsia RSGMP UNHAS</td> </tr> <tr> <td colspan="4">Dokumen Lain</td> </tr> <tr> <td>Jenis Review</td> <td> <input checked="" type="checkbox"/> Exempted <input type="checkbox"/> Expedited <input type="checkbox"/> Fullboard </td> <td>Masa Berlaku 14 Mei 2024 - 14 Mei 2025</td> <td>Frekuensi Review Lanjutan</td> </tr> <tr> <td>Ketua Komisi Etik Penelitian</td> <td>Nama: Dr. drg. Marhamah, M.Kes</td> <td>  Tanda Tangan </td> <td>Tanggal 14 Mei 2024</td> </tr> <tr> <td>Sekretaris Komisi Etik Penelitian</td> <td>Nama: drg. Muhammad Ikbal, Sp.Pros</td> <td>  Tanda Tangan </td> <td>Tanggal 14 Mei 2024</td> </tr> </table>				No. Protokol	UH 17121112	No Protokol Sponsor		Peneliti Utama	Andi Mirna Nasliah	Sponsor	Pribadi	Judul Peneliti	Hubungan Antara Ketebalan Otot Masseter Dengan Kebiasaan Mengunyah Satu Sisi Pada Mahasiswa Yang Memiliki Dan Tidak Memiliki Tanda Dan Gejala Temporomandibular Disorder: Suatu Evaluasi Ultrasonografi (USG)			No. Versi Protokol	1	Tanggal Versi	29 April 2024	No. Versi Protokol		Tanggal Versi		Tempat Penelitian	Departemen Prostodonsia RSGMP UNHAS			Dokumen Lain				Jenis Review	<input checked="" type="checkbox"/> Exempted <input type="checkbox"/> Expedited <input type="checkbox"/> Fullboard	Masa Berlaku 14 Mei 2024 - 14 Mei 2025	Frekuensi Review Lanjutan	Ketua Komisi Etik Penelitian	Nama: Dr. drg. Marhamah, M.Kes	 Tanda Tangan	Tanggal 14 Mei 2024	Sekretaris Komisi Etik Penelitian	Nama: drg. Muhammad Ikbal, Sp.Pros	 Tanda Tangan	Tanggal 14 Mei 2024
No. Protokol	UH 17121112	No Protokol Sponsor																																									
Peneliti Utama	Andi Mirna Nasliah	Sponsor	Pribadi																																								
Judul Peneliti	Hubungan Antara Ketebalan Otot Masseter Dengan Kebiasaan Mengunyah Satu Sisi Pada Mahasiswa Yang Memiliki Dan Tidak Memiliki Tanda Dan Gejala Temporomandibular Disorder: Suatu Evaluasi Ultrasonografi (USG)																																										
No. Versi Protokol	1	Tanggal Versi	29 April 2024																																								
No. Versi Protokol		Tanggal Versi																																									
Tempat Penelitian	Departemen Prostodonsia RSGMP UNHAS																																										
Dokumen Lain																																											
Jenis Review	<input checked="" type="checkbox"/> Exempted <input type="checkbox"/> Expedited <input type="checkbox"/> Fullboard	Masa Berlaku 14 Mei 2024 - 14 Mei 2025	Frekuensi Review Lanjutan																																								
Ketua Komisi Etik Penelitian	Nama: Dr. drg. Marhamah, M.Kes	 Tanda Tangan	Tanggal 14 Mei 2024																																								
Sekretaris Komisi Etik Penelitian	Nama: drg. Muhammad Ikbal, Sp.Pros	 Tanda Tangan	Tanggal 14 Mei 2024																																								
<p>Kewajiban peneliti utama:</p> <ul style="list-style-type: none"> ▪ 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 (<i>progress report</i>) 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 (<i>protocol deviation/violation</i>) ▪ Mematuhi semua aturan yang berlaku. 																																											

Lampiran 2. Lembar Perbaikan Seminar proposal dan Ujian Hasil PPDGS Prostodonsia

LEMBAR PERBAIKAN

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

Nama Mahasiswa : **Andi Mirna Nasliah**

Stambuk : J015 211 00 7

No.	Tim Pengaji	Catatan Perbaikan/ Saran	Halaman	Tanda Tangan
1.	Prof. drg. Moh. Dharmautama, Ph.D., Sp.Pros, Subs.PKIKG(K)	<ol style="list-style-type: none"> 1. Nama Rahmadanti di latar belakang, di ubah menjadi nama peneliti asli nya. (berbeda nama di ppt dan nama di word proposal). 2. Bagaimana menganulir penyebab lain sehingga hanya aktifitas parafungsi kebiaasaan mengunyah satu sisi? Perjelas kriteria inklusi dan eksklusi, masukkan di kriteria inklusi penyebab lain dari TMD. 3. Pada persiapan pasien lebih diperjelas, tambahkan pasien mengunyah 1 sisi dan pilih pasien kontrol dan eksperimental berdasarkan kriteria inklusi. 4. Mengetahui batas-batas masseter, ditulis di persiapan pasien 	Hal. 6 Hal.31-31 Hal. 35 Hal. 38	
2.	Dr. Ike Damayanti Habar, drg.,Sp.Pros., Subsp.PKIKG(K)	<ol style="list-style-type: none"> 1. Judul jangan menggunakan singkatan (TMD). 2. Latar belakang diperjelas. 79,3 % --> TMD, apakah 	Hal 1 Terlampir	

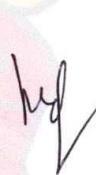
		<p>benar seperti itu? Karena ada penelitian yang dipaparkan oleh S1 berbeda hasilnya.</p> <p>3. Latar belakang diperbaiki, masukkan tentang apa pentingnya penelitian ini dan asimetri wajah dimasukkan ke latar belakang. (Otot masseter --> morfologi wajah, asimetri wajah --> masukkan di latar belakang).</p> <p>4. Pada variabel perancu dihapus saja tingkat keparahan TMD</p>	<p>Hal 2 -11</p> <p>Hal 33</p>	
3.	Drg.Muh Ikbal,Sp.Pros(K)	<p>1. Ketebalan otot masseter dan cara pengukuran, lebih diperjelas disertai sumber jurnalnya.</p> <p>2. Perjelas definisi operasional</p> <p>3. Kriteria inklusi, kelas 1 angle dihapus saja.</p>	<p>Hal. 38-39</p> <p>Hal. 33</p> <p>Hal. 31</p>	

LEMBAR PERBAIKAN

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

Nama Mahasiswa : **Andi Mirna Nasliah**

Stambuk : J015 211 00 7

No.	Tim Pengaji	Catatan Perbaikan/ Saran	Halaman	Tanda Tangan
1.	Prof. drg. Moh. Dharmautama, Ph.D., Sp.Pros, Subs.PKIKG(K)	<ul style="list-style-type: none"> 1. Rumusan masalah tidak sesuai dengan kesimpulan. 2. Hasil penelitian yg tidak signifikan, apa perbedaan dengan penelitian yg sudah dilakukan sebelumnya dan dimasukkan ke keterbatasan penelitian. 3. Perhatikan daftar Pustaka No. 18 judul semua huruf besar. 4. Dari hasil penelitian apa yg akan disampaikan ke pasien atau masyarakat. 5. Harus ada jurnal FKG,jurnal pembimbing dalam referensi. 	Hal. 14 dan 67 Hal.66 Hal 69 Hal. 15 Hal 69	
2.	Dr. Ike Damayanti Habar, drg.,Sp.Pros., Subsp.PKIKG(K)	<ul style="list-style-type: none"> 1. Rumusan masalah dengan Kesimpulan tidak sesuai, Rumusan masalah dan kesimpulan diperbaiki. 2. Tujuan khusus dan umum mengikuti rumusan masalah. 3. Penyebab TMD bukan saja karena mengunyah satu sisi, 	Hal 14 dan 67 Hal 15 Hal 66	

		masukkan di penyebab kenapa bisa tidak signifikan hasil TMD dan Non TMD.		
3.	Drg.Muh Ikbal,Sp.Pros(K)	1. Tabel dibahas di pembahasan,kalau ada persamaan dan perbedaan penelitian sebelumnya harus dijelaskan, masukkan 2 atau 3 penelitian sebelumnya yang mendukung.	Hal 62-64	 25/1

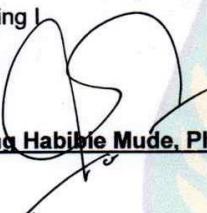
No.	Tim Pembimbing	Catatan Perbaikan/ Saran	Halaman	Tanda Tangan
1.	drg. Acing Habibie Mude, Ph.D.,Sp. Pros.,Subsp.OGST(K)	1. Adapun keterbatasan penelitian kenapa tidak signifikan karena subyek hanya dilakukan pemeriksaan axis 1 dan 2 yang merupakan kuesioner bukan pemeriksaan klinis, sehingga subyek hanya memiliki tanda dan gejala, belum sampai ke diagnosis.	Hal 66	
2.	drg. Vinsensia Launardo,Sp.Pros.,Subs p.MFP(K)	-	-	

UNIVERSITAS HASANUDDIN

Makassar, Juni 2024

Mengetahui,

Pembimbing I

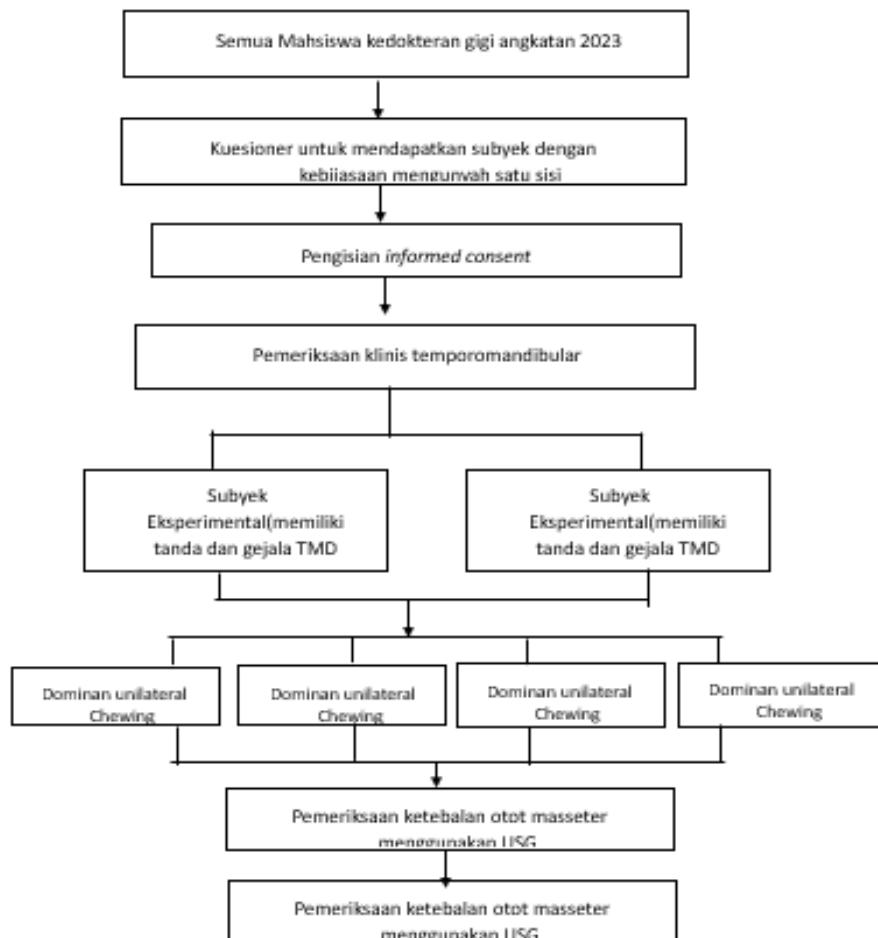

drg. Acing Habibie Mude, Ph.D.,Sp. Pros (K)

Pembimbing II


drg. Vinsensia Launardo,Sp.Pros (K)

Lampiran 3a. Alur Penelitian

|

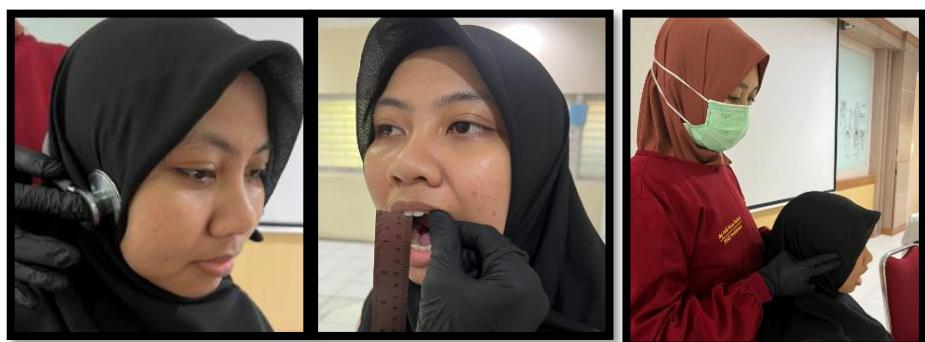


Lampiran 4. Foto Pelaksanaan Penelitian

a. Pengisian Kuesioner



b. Skrining Dan Pemeriksaan Sampel Yang Memiliki Dan Tidak Memiliki Gejala TMD



- c. Pemeriksaan ketebalan otot pada saat relaksasi dan berkontraksi di bagian regio kanan



- d. Pemeriksaan ketebalan otot pada saat relaksasi dan berkontraksi di bagian regio kiri



- e. Pemeriksaan ketebalan otot

