

## DAFTAR PUSTAKA

1. Dubey P., Mittal N. Periodontal disease- A brief review. *International Journal of Oral Health Dentistry* 2020; 6(3): 177-81.
2. Nazir MA. Prevalence of periodontal disease, its association with systemic diseases and prevention; Review Article. *IJHS* 2-17; 1(2): 1, 72, 75.
3. Dye BA., Albino J., D'Souza RN. Oral health problems are global and need to be addressed in the USA. *Lancet* 2022; 399(10320): 128.
4. Kinane DF., Stathopoulou PG. Papapanou PN. Periodontal diseases. *Primer* 2017; 3(17038): 1,3.
5. Bouziane A., Hamdoun R., Abouqual R., Ennibi E. Global prevalence of aggressive periodontitis: A systematic review and meta-analysis; Systematic review. *Journal of Clinical Periodontology* 2020; 47: 406.
6. Apriani LA., Sunarjo L., Widyawati MN., Wiguna RI. Dampak dan terapi non-farmakologis periodontitis pada ibu hamil; Kajian Literatur. *Journal of Holistic Nursing and Health Science* 2022; 5(1): 125.
7. Hienz SA., Paliwal S., Ivanovski S. Mechanisms of bone resorption in periodontitis: Review Article. *Journal of Immunological Research* 2015: 1, 4-6.
8. Desyaningrum H., Epsilawati L., Rusyanti Y. Karakteristik kerusakan tulang alveolar pada penderita periodontitis kronis dan agresif dengan pencitraan cone beam computed tomography. *Padjadjaran J Dent Res Student* 2017;1(2):139.
9. Kwon T., Lamster IB., Levin L. Current concepts in management of periodontitis Concise Clinical Review. *International Dental Journal* 2021; 7(1): 462, 466-71.
10. Etemadi A., Hamidain M., Parker S., Chiniforush N. Blue light photodynamic therapy with curcumin and riboflavin in the management of periodontitis: A systematic review. *Journal of Lasers in Medical Sciences* 2021; 12(E15): 1.
11. Mohammad CA., Ali KM., Al-Rawi RA., Gul SS. Effects of curcumin and tetracycline gel on experimental induced periodontitis as an anti-

- inflammatory, osteogenesis promoter and enhanced bone density through altered iron levels: Histopathological study. *Antibiotics* 2022; 11(521): 2.
12. Mohammad CA., Ali KM., Sha AM., Gul SS. Antioxidant effects of curcumin gel in experimental induced diabetes and periodontitis in rats: Review article. *Hindawi BioMed Research International* 2022: 2.
  13. Nasser GA. Kunyit sebagai agen anti inflamasi. *Wellness and Healthy Magazine* 2020; 2(1): 148.
  14. Kumari A., Kaur M., Sharma S. A review on curcumin and its medical properties. *Acta Scientific Pharmaceutical Sciences* 2021; 5(2): 31, 34-5.
  15. Curylofo-Zotti, F. et al. Differential effects of natural curcumin and chemically modified curcumin on inflammation and bone resorption in model of experimental periodontitis. *Archives of Oral Biology* 2018: 41-8.
  16. Li Y. et al. Curcumin: A review of experimental studies and mechanisms related to periodontitis treatment: Review Article. *Journal of Periodontal Research* 2021; 00: 1.
  17. Deng J. et al. Chemically-modified curcumin 2.24: A novel systemic therapy for natural periodontitis in dogs: *Journal of Experimental Pharmacology* 2020; 12: 47-58.
  18. Wang HH. Et al. Enhanced efficacy of chemically modified curcumin in experimental periodontitis: systemic implications. *Journal of Experimental Pharmacology* 2019; 11: 1-9.
  19. Siddharth M., Singh P., Gupta R., Sinha A., Shree S., Sharma K. Comparative evaluation of subgingivally delivered 2% curcumin and 0.2% chlorhexidine gel adjunctive to scaling and root planing in chronic periodontitis. *The Journal of Contemporary Dental Practice* 2020; 21(5): 494.
  20. Newman MG., Takei HH., Klokkevold PR., Carranza FA. Newman and Carranza's *Clinical Periodontology*. 13<sup>th</sup> ed. Philadelphia: Elsevier. 2019: 181-2, 188-9, 245.

21. Berglundh T., Giannobile WV., Lang NP., Sanz M. Lindhe's Clinical Periodontology and Implant Dentistry. 7<sup>th</sup> ed. India: John Wiley & Sons. 2022: 3-7, 255-6.
22. Cho Y., Kim K., Lee Y., Ku Y., Seol Y. Periodontal wound healing and tissue regeneration: A narrative review. *Pharmaceuticals* 2021; 12(456): 1-2, 4-7.
23. Foster BL. On the discovery of cementum. *J Periodontal Res* 2017; 52(4): 1.
24. Ramalingan S., Sundar C., Jansen JA., Alghamdi H. *Dental Implants and Bone Grafts Materials and Biological Issues*. Elsevier. 2019: 1.
25. Suvan JE., Sabalic M., Araujo MR., Ramseier CA. Behavioral strategies for periodontal health. *Periodontology 2000* 2022; 90: 1.
26. Sedghi LM., Bacino M., Kapila YL. Periodontal Disease: The good, the bad, and the unknown. *Frontiers in Cellular and Infection Microbiology* 2021; 11(766944): 1-3.
27. Liccardo D., et al. Periodontal disease: A risk factor for diabetes and cardiovascular disease. *International Journal of Molecular Sciences* 2019; 20(1414): 2.
28. Kononen E., Gursoy M., Gursoy UK. Periodontitis: A multifaceted disease of tooth-supporting tissues. *Journal of Clinical Medicine* 2019; 8(1135): 2-3.
29. Curtis MA., Diaz PI., Dyke TE. The role of the microbiota in periodontal disease. *Periodontology 2000* 2020; 83: 15.
30. Zaki AA. The new classification of periodontal diseases. *British Dental Association* 2020: 1.
31. Caton JG., et al. A new classification scheme for periodontal and peri-implant diseases and conditions – Introduction and key changes from the 1999 classification. *Wiley Journal of Clinical Periodontology* 2018; 45(45): 2.
32. Usui M., Onizuka S., Sato T., Kokabu S., Ariyoshi W., Nakashima K. Mechanism of alveolar bone destruction in periodontitis — Periodontal bacteria and inflammation: Review article. *Japanese Dental Science Review* 2021; 57: 202.

33. Livada R., Shiloah J., Tipton DA., Dabbous MK. The potential role of curcumin in periodontal therapy: A review of the literature. *Journal of the International Academy of Periodontology* 2017; 19(3): 71-2, 74.
34. Dulbecco P., Savarino V. Therapeutic potential of curcumin in digestive diseases. *World Journal of Gastroenterology* 2013; 19(48): 9256, 61.
35. Stohs SJ., et al. Highly bioavailable forms of curcumin and promising avenues for curcumin-based research and application: A review. *Molecules* 2020; 23(1397): 2.
36. Cas MD., Ghidoni R. Dietary curcumin: Correlation between bioavailability and health potential. *Nutrients* 2019; 11(2147): 3.
37. Zhou Y., et al. Chemically modified curcumin (CMC2.24) alleviates osteoarthritis progression by restoring cartilage homeostasis and inhibiting chondrocyte apoptosis via the NF- $\kappa$ B/HIF-2 $\alpha$  axis. *Journal of Molecular Medicine* 2020; 98(10): 2.
38. Elburki MS., et al. A Chemically Modified Curcumin (CMC 2.24) inhibits nuclear factor  $\kappa$ B activation and inflammatory bone loss in murine models of LPS-induced experimental periodontitis and diabetes-associated natural periodontitis. *Inflammation* 2017; 40(4): 3-11.
39. Deng Jie., et al. A novel modified-curcumin promotes resolvin-like activity and reduces bone loss in diabetes-induced experimental periodontitis. *Journal of Inflammation Research* 2021; 14: 5337-45.
40. Bhatt HD., et al. Efficacy of a novel pleiotropic MMP-inhibitor, CMC2.24, in a long-term diabetes rat model with severe hyperglycemia-induced oral bone loss. *Journal of Inflammatory Research* 2023; 16: 779-89.
41. Brandao D., Spolidorio LC., Johnson F., Golub LM., Guimaraes-Stabili MR., Rossa C. Dose-response assessment of chemically modified curcumin in experimental periodontitis. *Journal of Periodontology* 2019; 90: 535-43.

## LAMPIRAN

### Lampiran 1. Surat Seminar Proposal



KEMENTERIAN PENDIDIKAN, KEBUDAYAAN, RISET, DAN TEKNOLOGI  
UNIVERSITAS HASANUDDIN  
FAKULTAS KEDOKTERAN GIGI  
DEPARTEMEN PERIODONSIA  
Jl. Perintis Kemerdekaan Km.10, Makassar 90245  
Telepon. (0411) 586012 Fax. (0411) 584641  
Website : [www.dent.unhas.ac.id](http://www.dent.unhas.ac.id), Email : [fdhu@unhas.ac.id](mailto:fdhu@unhas.ac.id)

Nomor : 188/UN4.13.7 /TD.06/2022 Makassar, 15 Desember 2022  
Lampiran : -  
Hal : Undangan Penguji Seminar Proposal Skripsi

Kepada Yth.

- Prof. Dr. Andi Mardiana Adam, drg., M.S.
- Dr. Asdar Gani, drg., M.Kes
- Supiaty, drg., M.Kes.

Di -  
Tempat

Dengan Hormat,

Bersama ini kami mengundang Bapak/Ibu Dosen Pembimbing dan Penguji Seminar Proposal Skripsi Departemen Periodonsia, untuk menghadiri Seminar Proposal Skripsi secara luring. Mahasiswa atas nama sebagai berikut:

Nama : Lea Jeane Manggalatung  
Stambuk : J011201033  
Judul : Manfaat Kunyit (*Curcuma longa* L.) dalam Menghambat Resorpsi Tulang Alveolar pada Periodontitis: Literature Review.

Dosen Pembimbing : Prof. Dr. Andi Mardiana Adam, drg., M.S.  
Penguji I : Dr. Asdar Gani, drg., M.Kes.  
Penguji II : Supiaty, drg., M.Kes.

Yang akan dilaksanakan pada :

Hari/tanggal : Senin, 19 Desember 2022  
Waktu : 10:00 Wita – Selesai  
Tempat : Ruang S3 FKG Unhas

Atas kehadiran Bapak/Ibu Dosen Pembimbing dan Penguji Seminar Proposal Skripsi Departemen Periodonsia, kami mengucapkan terima kasih.

Ketua Departemen Periodonsia,  
  
Fakultas Kedokteran Gigi  
Departemen Periodonsia  
**Dr. Asdar Gani, drg., M.Kes**  
NIP: 19661229 199702 100



## Lampiran 2. Surat Seminar Hasil



Nomor : 03318/UN4.13/PT.01.06/2023  
Lampiran: -  
Hal : Undangan Seminar Hasil Skripsi

24 Agustus 2023

Yth.  
Prof. Dr. Andi Mardiana Adam, drg., M.S.  
Dr. Asdar, drg., M.Kes.  
Supiaty, drg., M.Kes.  
Di -  
Tempat

Dengan Hormat, Bersama ini kami mengundang Bapak/Ibu Dosen Pembimbing dan Penguji Seminar Hasil Skripsi Departemen Periodonsia, untuk menghadiri Seminar Hasil Skripsi secara luring. Mahasiswa atas nama sebagai berikut:

Nama : Lea Jeane Manggalatung  
Stambuk : J011201033  
Judul : Manfaat Kunyit (*Curcuma longa* Linn) dalam Menghambat Resorpsi Tulang Alveolar pada Periodontitis: Literature Review

Dosen Pembimbing : Prof. Dr. Andi Mardiana Adam, drg., M.S.  
Penguji I : Dr. Asdar, drg., M.Kes  
Penguji II : Supiaty, drg., M.Kes.

Yang akan dilaksanakan pada:

Hari/Tanggal : Senin, 28 Agustus 2023  
Waktu : 13.30 WITA - Selesai  
Tempat : Ruang S3 FKG Unhas

Atas kehadiran Bapak/Ibu Dosen Pembimbing dan Penguji Seminar Hasil Skripsi Departemen Periodonsia, kami mengucapkan terima kasih.

Ketua Departemen Periodonsia  
Fakultas Kedokteran Gigi



Dr. drg. Asdar, M.Kes.  
NIP: 19661229 199702 100





KEMENTERIAN PENDIDIKAN, KEBUDAYAAN, RISET,  
DAN TEKNOLOGI

UNIVERSITAS HASANUDDIN  
FAKULTAS KEDOKTERAN GIGI













Jalan Perintis Kemerdekaan Km. 10, Makassar 90245  
Telepon (0411) 586012, Faximile (0411) 584641  
Laman [www.unhas.ac.id](http://www.unhas.ac.id) Email [fdhu@unhas.ac.id](mailto:fdhu@unhas.ac.id)

KARTU KONTROL SKRIPSI

Nama	:	Lea Jeane Manggalatung
Stambuk	:	J011201033
Judul	:	Manfaat Kunyit dalam Menghambat Resorpsi Tulang Alveolar pada Periodontitis: <i>Literature Review</i>
Dosen Pembimbing	:	Prof. Dr. Andi Mardiana Adam, drg., M.S.

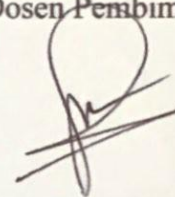
No.	Hari/Tanggal	Materi Konsultasi	Paraf	
			Pembimbing	Mahasiswa
1.	12 September 2022	Perkenalan dan arahan membuat judul		
2.	16 September 2022	Mengajukan judul dan ACC judul		
3.	30 September 2022	Pengajuan BAB I		
4.	2 Oktober 2022	Revisi BAB I		
5.	12 Desember 2022	ACC BAB I		
6.	14 Desember 2022	Pengajuan dan ACC BAB II		
7.	19 Desember 2022	Ujian I/Seminar Proposal		



9.	30 Januari 2023	Pengajuan dan ACC Revisi Proposal		
10.	11 Mei 2023	Pengajuan BAB III-V		
11.	23 Agustus 2023	ACC BAB III-IV		
12.	28 Agustus 2023	Ujian II/Seminar Hasil		
13.	20 Oktober 2023	Pengajuan manuskrip artikel dan revisi penulisan akhir		
14.	2 November 2023	Pengesahan dan Tanda Tangan		

Makassar, 2 November 2023

Dosen Pembimbing,



**Prof. Dr. Andi Mardiana Adam, drg., M.S.**

**NIP. 195510211985032001**