

DAFTAR PUSTAKA

1. Kwee L. Systemic Lupus Erythematosus dengan Manifestasi Tidak Biasa. *Journal of Medicine and Health*. 2021;3(1):73–82.
2. Hidayat ZA, Raveinal. Laporan Kasus : Lupus Eritematosus Sistemik pada Pria. *Majalah Kedokteran Andalas* [Internet]. 2020;43(2). Available from: <http://jurnalmka.fk.unand.ac.id>
3. Kriswiastiny R, Mustofa FL, Esfandiari F, Elvina J. Analisis Tingkat Kecemasan pada Pasien Systemic Lupus Erythematosus (SLE) Di Komunitas Odapus Lampung pada Masa Pandemi Covid-19. *MAHESA : Malahayati Health Student Journal*. 2022 Feb 26;2(1):56–64.
4. Ramadanti ZM, Julizar, Elvira D, Abdiana, Liza RG, Suharti N. Kualitas Hidup Pasien Lupus Eritematosus Sistemik Berdasarkan LupusQoL di RSUP Dr. M. Djamil Padang. *Jurnal Ilmu Kesehatan Indonesia*. 2025 Jun 22;6(2):75–85.
5. Kasjmir YI, Handono K, Wiajaya LK, Hamijoyo L, Albar Z, Halim H, et al. Rekomendasi diagnosis dan pengelolaan lupus eritematosus sistemik. Jakarta: Perhimpunan Reumatologi Indonesia; 2011.
6. Kriswiastiny R, Mustofa FL, Prasetia T, Wajdi MF. Hubungan Aktivitas Penyakit SLE (Systemic Lupus Erythematosus) Berdasarkan Skor Mex Sledai Terhadap IMT (Indeks Masa Tubuh) Di Komunitas Odapus Kota Bandar Lampung. *MAHESA : Malahayati Health Student Journal*. 2022;2(2):278–88.
7. Rahayu DS, Udijono A, Saraswati LD, Martini M. Gambaran Tingkat Stress Penderita Lupus Eritematosus Sistemik. *Jurnal Ilmiah Mahasiswa* [Internet]. 2021;11(2):59–62. Available from: <https://ejournal.undip.ac.id/index.php/jim/index>
8. Tanzilia MF, Tambunan BA, Dewi DNSS. Tinjauan Pustaka : Patogenesis dan Diagnosis Sistemik Lupus Eritomatosus. 2021;11(2):139–64.

9. Gulati S, Kumar V, Rawat P, Chawla K, Dessai R, Jain S. Study of hematological profile of systemic lupus erythematosus. *Int J Res Med Sci*. 2023 Aug 31;11(9):3332–5.
10. Santacruz JC, Mantilla MJ, Rueda I, Pulido S, Rodriguez-Salas G, Londono J. A Practical Perspective of the Hematologic Manifestations of Systemic Lupus Erythematosus. *Cureus*. 2022 Mar 7;
11. El-Zohairy YZ, Ahmed EAA, Rezk AA, Mohamed OH. Neutrophil/Lymphocyte and Platelet/Lymphocyte ratios and their relation with disease activity in Systemic Lupus Erythematosus patients. *Journal of American Science*. 2019;15(12):39–45.
12. Fest J, Ruiter TR, Groot Koerkamp B, Rizopoulos D, Ikram MA, van Eijck CHJ, et al. The neutrophil-to-lymphocyte ratio is associated with mortality in the general population: The Rotterdam Study. *Eur J Epidemiol*. 2019 May;34(5):463–70.
13. Lucius K. Novel and Emerging Markers of Chronic or Low-Grade Inflammation. *Integrative and Complementary Therapies* [Internet]. 2023 Jun 1;29(3):130–42. Available from: <https://doi.org/10.1089/ict.2023.29075.klu>
14. Zinellu A, Paliogiannis P, Mangoni AA. A systematic review and meta-analysis of the diagnostic accuracy of the neutrophil-to-lymphocyte ratio and the platelet-to-lymphocyte ratio in systemic lupus erythematosus. *Clin Exp Med*. 2024 Jul 25;24(1):170.
15. Saha A, Pegu AK, Marak RR, Ahmed Z, Thakuria M. Neutrophil to lymphocyte ratio and platelet to lymphocyte ratio as a marker of disease activity in patients with systemic lupus erythematosus. *International Journal of Advances in Medicine*. 2024 Oct 24;11(6):571–7.
16. Papachristodoulou E, Kakoullis L, Christophi C, Psarelis S, Hajiroussos V, Parperis K. The relationship of neutrophil-to-lymphocyte ratio with health-

related quality of life, depression, and disease activity in SLE: a cross-sectional study. *Rheumatol Int.* 2023 Jul 5;43(10):1841–8.

17. Han BK, Wysham KD, Cain KC, Tyden H, Bengtsson AA, Lood C. Neutrophil and lymphocyte counts are associated with different immunopathological mechanisms in systemic lupus erythematosus. *Lupus Sci Med.* 2020 May 21;7(1):e000382.
18. Wang L, Wang C, Jia X, Yang M, Yu J. Relationship between Neutrophil-to-Lymphocyte Ratio and Systemic Lupus Erythematosus: A Meta-analysis. *Clinics.* 2020;75:e1450.
19. Lauddin EA, Nurulita A, Muhadi D. Analisis rasio netrofil limfosit dan rasio platelet limfosit terhadap penanda gangguan ginjal pada penyakit systemic lupus erythematosus di RSUP dr. Wahidin Sudirohusodo tahun 2017-2018. *Intisari Sains Medis.* 2019 Apr 1;10(1).
20. Su X, Yu H, Lei Q, Chen X, Tong Y, Zhang Z, et al. Systemic lupus erythematosus: pathogenesis and targeted therapy. *Molecular Biomedicine.* 2024 Oct 30;5(1):54.
21. Nimesh S, Ahmad MdI, Dhama S, Kumar P, Akram M, Hasaroeih NEN. Systemic Lupus Erythematosus Disease: An Overview of the Clinical Approach to Pathogenesis, Diagnosis, and Treatment. *Borneo Journal of Pharmacy.* 2021 May 30;4(2):91–8.
22. Giani MT, Septian MR. Diagnosis dan Tata Laksana Nefritis Lupus. *Cermin Dunia Kedokteran.* 2022;49(12):671–6.
23. Tian J, Zhang D, Yao X, Huang Y, Lu Q. Global epidemiology of systemic lupus erythematosus: a comprehensive systematic analysis and modelling study. *Ann Rheum Dis.* 2023 Mar;82(3):351–6.
24. Gergianaki I, Bortoluzzi A, Bertias G. Update on the epidemiology, risk factors, and disease outcomes of systemic lupus erythematosus. *Best Pract Res Clin Rheumatol.* 2018 Apr;32(2):188–205.

25. Rahayu DS, Udiyono A, Saraswati LD. Hubungan Tingkat Pengetahuan dan Tingkat Kepatuhan Minum Obat dengan Tingkat Kekambuhan Lupus Eritematosus Sistemik. *Jurnal Epidemiologi Kesehatan Komunitas*. 2021 Aug 31;6(2):261–8.
26. Mohamed E, Abo-Dahab L, Helmy A, Abas N. Etiology and Pathogenesis of Systemic Lupus Erythematosus. *Sohag Medical Journal*. 2023 Apr 1;27(2):27–30.
27. Xiao XY, Chen Q, Shi YZ, Li LW, Hua C, Zheng H. Risk factors of systemic lupus erythematosus: an overview of systematic reviews and Mendelian randomization studies. *Advances in Rheumatology*. 2023 Aug 18;63(1):42.
28. Aswin A, Riastiti Y, Rahmah Y. Faktor Risiko Systemic Lupus Erythematosus (SLE) di Kalimantan Timur dan Utara. *J Ked Mulawarman*. 2023;10(3):129–37.
29. Al-Gahtani SN. A Review of Systemic Lupus Erythematosus (SLE): Symptoms, Risk Factors, Treatment, and Health Related Quality of Life Issues. *Open J Rheumatol Autoimmune Dis*. 2021;11(04):115–43.
30. Zhang Z, Zhou X, Fang X, Zhou X, Cheng Z, Hu Y. Platelet Disorders and Medication Strategies. *Thromb Haemost*. 2025 May 7.
31. Ameer MA, Chaudhry H, Mushtaq J, Khan OS, Babar M, Hashim T, et al. An Overview of Systemic Lupus Erythematosus (SLE) Pathogenesis, Classification, and Management. *Cureus*. 2022 Oct 15;
32. Accapezzato D, Caccavale R, Paroli MP, Gioia C, Nguyen BL, Spadea L, et al. Advances in the Pathogenesis and Treatment of Systemic Lupus Erythematosus. *Int J Mol Sci*. 2023 Mar 31;24(7):6578.
33. Amirah A. Hubungan Derajat Aktivitas Penyakit dengan Kejadian Anemia pada Pasien Lupus Eritematosus Sistemik di RS Dr. M. Djamil Padang. Universitas Andalas; 2024.

34. Kirwiastiny R, Alfarisi R, Marjaen AAA. Hubungan Derajat Aktivitas Penyakit Lupus Eritematosus Sistemik Berdasarkan Skor MEX-SLEDAI dengan Kejadian Anemia pada Penderita Lupus Eritematosus Sistemik di Komunitas Odapus Lampung. Manuju : Malahayati Nursing Journal. 2021;3(2):192–202.
35. Valliant AAJ, Goyal A, Varacallo MA. Systemic Lupus Erythematosus [Internet]. NCBI. 2023 [cited 2025 Apr 26]. Available from: Systemic Lupus Erythematosus
36. Fijałkowska A, Kadziela M, Żebrowska A. The Spectrum of Cutaneous Manifestations in Lupus Erythematosus: A Comprehensive Review. J Clin Med. 2024 Apr 21;13(8):2419.
37. Sergent JS, Budd RC, Ruddy S, Harris ED, Firestein GS, McInnes IB. Kelley's Textbook of Rheumatology. 8th ed. Philadelphia: Elsevier; 2008.
38. Alharbi S. Gastrointestinal Manifestations in Patients with Systemic Lupus Erythematosus. Open Access Rheumatol. 2022 Oct;Volume 14:243–53.
39. Dai X, Fan Y, Zhao X. Systemic lupus erythematosus: updated insights on the pathogenesis, diagnosis, prevention and therapeutics. Signal Transduct Target Ther. 2025 Mar 17;10(1):102.
40. Atmanto KAA, Muhadi D, Arif M. Lupus Erythematosus Cell Test Magath And Winkle Method: A Diagnostic Test for Systemic Lupus Erythematosus. International Journal Of Scientific Advances. 2022;3(3).
41. Morand EF, Fernandez-Ruiz R, Blazer A, Niewold TB. Advances in the management of systemic lupus erythematosus. BMJ. 2023 Oct 26;e073980.
42. Nimesh S, Ahmad MdI, Dhama S, Kumar P, Akram M, Hasaroeih NEN. Systemic Lupus Erythematosus Disease: An Overview of the Clinical Approach to Pathogenesis, Diagnosis, and Treatment. Borneo Journal of Pharmacy. 2021;4(2):91–8.

43. Ameer MA, Chaudhry H, Mushtaq J, Khan OS, Babar M, Hashim T, et al. An Overview of Systemic Lupus Erythematosus (SLE) Pathogenesis, Classification, and Management. *Cureus*. 2022.
44. You SH, Jang EJ, Cho SK, Sung YK, Jung SY. Trajectories of disease severity and their clinical outcome in real-world patients with systemic lupus erythematosus. *Heliyon*. 2024 Oct;10(20):e38705.
45. Sumariyono, Kalim H, Setyohadi B, Hidayat R, Najirman, Hamijoyo L, et al. *Diagnosis dan Pengelolaan Lupus Eritematosus Sistemik*. Jakarta: Perhimpunan Reumatologi Indonesia; 2019.
46. Suszek D, Dubaj M, Bigosiński K, Dembowska A, Kaniewski M, Sielwanowska W, et al. Usefulness in daily practice of the Systemic Lupus Erythematosus Disease Activity Index 2000 scale and the Systemic Lupus Erythematosus Disease Activity Score index for assessing the activity of systemic lupus erythematosus. *Reumatologia [Internet]*. 2024;62:187–95.
47. Kriswiastiny R, Mustofa FL, Prasetia T, Wajdi MF. Hubungan Aktivitas Penyakit SLE (Systemic Lupus Erythematosus) Berdasarkan Skor Mex Sledai Terhadap IMT (Indekd Masa Tubuh) Di Komunitas Odapus Kota Bandar Lampung. *MAHESA : Malahayati Health Student Journal*. 2022 Apr 13;2(2):278–88.
48. Izzati SA, Sofia O, Wahono CS, Dewi NA, Sofia O. Systemic Lupus Ertyhematosus Disease Activity Correlated With Posterior Segment Manifestations Using MEX-SLEDAI Score. *International Journal of Retina*. 2021;4(1).
49. Hikmah Z, Endaryanto A, Ugrasena IDG. Systemic Lupus Erythematosus Organ Manifestation and Disease Activity in Children based on Mexican Systemic Lupus Erythematosus Disease Activity Index Score at East Java, Indonesia. *Indian J Rheumatol*. 2021 Dec;16(4):408–14.

50. Amelia R, Wasilah F, Suraya NS. Correlation of Platelet to Lymphocyte Ratio and C-Reactive Protein to Albumin Ratio with MEX-SLEDAI Scores in Patients with Systemic Lupus Erythematosus. *Althea Medical Journal*. 2024;11(3):183–7.
51. Buonacera A, Stancanelli B, Colaci M, Malatino L. Neutrophil to Lymphocyte Ratio: An Emerging Marker of the Relationships between the Immune System and Diseases. *Int J Mol Sci*. 2022 Mar 26;23(7):3636.
52. Soliman WM, Sherif NM, Ghanima IM, EL-Badawy MA. Neutrophil to lymphocyte and platelet to lymphocyte ratios in systemic lupus erythematosus: Relation with disease activity and lupus nephritis. *Reumatol Clin*. 2020 Jul;16(4):255–61.
53. Wong MMY, Lam F, Mok CC. The neutrophil-to-lymphocyte ratio as a surrogate marker for disease activity in systemic lupus erythematosus: a correlation study using the SLE-DAS. *Ther Adv Musculoskelet Dis*. 2025 Jun 19;17.
54. Kirwiastiny R, Alfari R, Marjaen AAA. Hubungan Derajat Aktivitas Penyakit Lupus Eritematosus Sistemik Berdasarkan Skor MEX-SLEDAI dengan Kejadian Anemia pada Penderita Lupus Eritematosus Sistemik di Komunitas Odapus Lampung. *Manuju : Malahayati Nursing Journal*. 2021;3(2):192–202.
55. Iaremenko O, Koliadenko D, Matiyashchuk I. Clinical and Immunological Characteristics of Patients with Juvenile-, Adult-, and Late-Onset Systemic Lupus Erythematosus. *Ann Rheum Dis*. 2021 Jun;80:612–3.
56. Kurniawan R erwin. Lymphocyte Level Profile Between Active and Inactive Systemic Lupus Erythematosus Patients Receiving Methylprednisolon Therapy. *JURNAL FARMASIMED (JFM)*. 2025 Nov 13;8(1):153–8.

57. Astini SP, Udayani NNW, Meriyani H. Studi Retrospektif Penggunaan Obat dan Potensi Interaksi Obat Pasien Systemic Lupus Erythematosus. *Jurnal Ilmiah Medicamento*. 2021 Sep 28;7(2):77–83.
58. Aswin A, Riastiti Y, Retnaningrum YR. Faktor Risiko Systemic Lupus Erythematosus (SLE) di Kalimantan Timur dan Utara. *Jurnal Kedokteran Mulawarman*. 2024 Mar 25;10(3):129.
59. Firizal AS, Sugianli AK, Hamijoyo L. Cut off point of neutrophil-to-lymphocyte ratio as a marker of active disease in systemic lupus erythematosus. *Lupus*. 2020 Oct 17;29(12):1566–70.
60. Justiz Vaillant AA, Goyal A, Varacallo MA. Systemic Lupus Erythematosus. Treasure Island (FL): StatPearls Publishing; 2023.
61. Vieira AA, Almada-Correia I, Inácio J, Costa-Reis P, da Rocha ST. Female-bias in systemic lupus erythematosus: How much is the X chromosome to blame? *Biol Sex Differ*. 2024 Oct 7;15(1):76.
62. Malik T, Malik M, Ghani S, Butt NI, Jamil MS, Waris B. Health-Related Quality of Life in Systemic Lupus Erythematosus and Its Relationship With Disease Activity: A Single-Center Cross-Sectional Study From Pakistan. *Cureus*. 2024 Oct 21;
63. Josephine J, Widhani A, Cahyanur R, Karjadi TH. Survei Kebutuhan Edukasi Pasien Lupus Eritematosus Sistemik. *Jurnal Penyakit Dalam Indonesia*. 2023 Dec 31;10(4).
64. Blomjous BS, Gajadin GRS, Voskuyl AE, Falzon L, Hoving JL, Bultink IEM, et al. Work participation in patients with systematic lupus erythematosus: a systematic review. *Rheumatology (Oxford)*. 2022 Jul 6;61(7):2740–54.
65. Calderon O, Giffords ED, Kane K. What Do We Need? Accommodations in the Workplace: People with Lupus Share Their Work Experiences. *Disabil Stud Q*. 2023 Jun 12;42(3–4).

66. Azwinda F, Djuari L, Soegiarto G. An Overview of Knowledge Level Regarding The Systemic Lupus Erythematosus (SLE) in People with Lupus (Odapus). *The Indonesian Journal of Public Health*. 2022 Nov 4;17(3):406–17.
67. Zhang L, Luan W, Geng S, Ye S, Wang X, Qian L, et al. Lack of patient education is risk factor of disease flare in patients with systemic lupus erythematosus in China. *BMC Health Serv Res*. 2019 Dec 13;19(1):378.
68. George A, Wong-Pak A, Peschken CA, Silverman E, Pineau C, Smith CD, et al. Influence of Education on Disease Activity and Damage in Systemic Lupus Erythematosus: Data From the 1000 Canadian Faces of Lupus. *Arthritis Care Res (Hoboken)*. 2017 Jan 21;69(1):124–32.
69. Williams JN, Drenkard C, Lim SS. The impact of social determinants of health on the presentation, management and outcomes of systemic lupus erythematosus. *Rheumatology*. 2023 Mar 29;62(Supplement_1):i10–4.
70. Trisnaramawati F, Satiadarma MP, Soetikno N. Gambaran Kecemasan dan Depresi pada Orang dengan Systemic Lupus Erythematosus (SLE) di Rumah Sakit X. *Jurnal Muara Ilmu Sosial, Humaniora, dan Seni*. 2019 Oct 30;3(2):457–64.
71. Lu M, Liu M, Zhan K, Chen Y, Liu X. Dynamic analysis of the relationship between systemic lupus erythematosus disease activity and psychosocial support. *Front Psychol*. 2024 Aug 14;15.
72. Susanto E, Yuniza, Legiran, Nova Kurniati, Eddy Mart Salim. Systemic Inflammatory Immune Index (SII) Predicts Disease Activity in Systemic Lupus Erythematosus (SLE) Patients: A Cross-Sectional Study. *Bioscientia Medicina : Journal of Biomedicine and Translational Research*. 2025 Jan 16;9(4):6857–70.
73. Hartanto K, Kurniati N, Theodorus, Yuniza, Salim EM. Correlation Between Serum Malondialdehyde Levels and Disease Activity in Patients

with Mild to Moderate Systemic Lupus Erythematosus. *Sriwijaya Journal of Medicine*. 2025;8(3):276–81.

74. Nabila FS, Miro S, Effendi R, Almurdi A, Yulia D, Putra SP. Hubungan Tingkat Aktivitas Penyakit Lupus Eritematosus Sistemik dengan Derajat Gangguan Fungsi Ginjal pada Pasien Lupus Eritematosus Sistemik. *Jurnal Ilmu Kesehatan Indonesia*. 2024 Jun 23;5(2):138–44.
75. Lin A, Wakhlu A, Connelly K. Disease activity assessment in systemic lupus erythematosus. *Frontiers in Lupus*. 2024;2.
76. Kaplan MJ. Neutrophils in the pathogenesis and manifestations of SLE. *Nat Rev Rheumatol*. 2011 Dec 27;7(12):691–9.
77. Han BK, Wysham KD, Cain KC, Tyden H, Bengtsson AA, Lood C. Neutrophil and lymphocyte counts are associated with different immunopathological mechanisms in systemic lupus erythematosus. *Lupus Sci Med*. 2020 May 21;7(1):e000382.
78. Riandy MD, Purba BA, Puspita Y, Zainal R, Siswo L. Hubungan Rasio Neutrofil Limfosit dengan Mortalitas ≤ 28 hari di General Intensive Care Unit RSUP Dr. Mohammad Hoesin Palembang. *Jurnal Anestesi Perioperatif*. 2019 Dec;7(3):188–97.
79. Senggetan A. Hubungan Antara MEX-SLEDAI dengan Neutrophyl Lymphocyte Ratio and Platelet Lymphocyte Ratio pada Penderita Lupus Eritematosus Sistemik. [Yogyakarta]: Universitas Gajah Mada; 2020.
80. Sutanto H, Yuliasih Y. Disentangling the Pathogenesis of Systemic Lupus Erythematosus: Close Ties between Immunological, Genetic and Environmental Factors. *Medicina (B Aires)*. 2023 May 26;59(6):1033.
81. Bolouri N, Akhtari M, Farhadi E, Mansouri R, Faezi ST, Jamshidi A, et al. Role of the innate and adaptive immune responses in the pathogenesis of systemic lupus erythematosus. *Inflammation Research*. 2022 Jun 17;71(5–6):537–54.

82. Li L, Xia Y, Chen C, Cheng P, Peng C. Neutrophil-lymphocyte ratio in systemic lupus erythematosus disease: a retrospective study. *Int J Clin Exp Med*. 2015;8(7):11026–31.

