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DAFTAR PUSTAKA

1. Kim BJ, Hanna MH. Colorectal cancer in young adults. J Surg Oncol. 2023 Jun;127(8):1247–51. doi:10.1002/jso.27320

2. Sung H, Ferlay J, Siegel RL, Laversanne M, Soerjomataram I, Jemal A, et al. Global Cancer Statistics 2020: GLOBOCAN Estimates of Incidence and Mortality Worldwide for 36 Cancers in 185 Countries. CA Cancer J Clin. 2021 May;71(3):209–49. doi:10.3322/caac.21660

3. Bailey CE, Hu CY, You YN, Bednarski BK, Rodriguez-Bigas MA, Skibber JM, et al. Increasing Disparities in the Age-Related Incidences of Colon and Rectal Cancers in the United States, 1975-2010. JAMA Surg. 2015 Jan 1;150(1):17. doi:10.1001/jamasurg.2014.1756

4. Hua H, Jiang Q, Sun P, Xu X. Risk factors for early-onset colorectal cancer: systematic review and meta-analysis. Front Oncol. 2023 May 5;13:1132306. doi:10.3389/fonc.2023.1132306

5. Mantovani A, Allavena P, Sica A, Balkwill F. Cancer-related inflammation. Nature. 2008 Jul 24;454(7203):436–44. doi:10.1038/nature07205

6. Diakos CI, Charles KA, McMillan DC, Clarke SJ. Cancer-related inflammation and treatment effectiveness. Lancet Oncol. 2014 Oct;15(11):e493–503. doi:10.1016/S1470-2045(14)70263-3

7. Menter DG, Tucker SC, Kopetz S, Sood AK, Crissman JD, Honn KV. Platelets and cancer: a casual or causal relationship: revisited. Cancer Metastasis Rev. 2014 Mar;33(1):231–69. doi:10.1007/s10555-014-9498-0

8. Idos GE, Kwok J, Bonthala N, Kysh L, Gruber SB, Qu C. The Prognostic Implications of Tumor Infiltrating Lymphocytes in Colorectal Cancer: A Systematic Review and Meta-Analysis. Sci Rep. 2020 Feb 25;10(1):3360. doi:10.1038/s41598-020-60255-4

9. Cheng E, Shi Q, Shields AF, Nixon AB, Shergill AP, Ma C, et al. Association of Inflammatory Biomarkers With Survival Among Patients With Stage III Colon Cancer. JAMA Oncol. 2023 Mar 1;9(3):404. doi:10.1001/jamaoncol.2022.6911

10. Rossi S, Basso M, Strippoli A, Schinzari G, D'Argento E, Larocca M, et al. Are Markers of Systemic Inflammation Good Prognostic Indicators in Colorectal Cancer? Clin Colorectal Cancer. 2017 Dec;16(4):264–74. doi:10.1016/j.clcc.2017.03.015

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Universitas Gadjah Mada, 2026 | Diunduh dari http://etd.repository.ugm.ac.id/

11. Iqhrammullah M, Refin RY, Rasmi RI, Andika FF, Hajjah H, Marlina M, et al. Cancer in Indonesia: A bibliometric surveillance. Narra X. 2023 Aug 31;1(2). doi:10.52225/narrax.v1i2.86

12. Hossain MdS, Karuniawati H, Jairoun AA, Urbi Z, Ooi DJ, John A, et al. Colorectal Cancer: A Review of Carcinogenesis, Global Epidemiology, Current Challenges, Risk Factors, Preventive and Treatment Strategies. Cancers. 2022 Mar 29;14(7):1732. doi:10.3390/cancers14071732

13. Long AG, Lundsmith ET, Hamilton KE. Inflammation and Colorectal Cancer. Curr Colorectal Cancer Rep. 2017 Aug;13(4):341–51. doi:10.1007/s11888-017-0373-6

14. Yamamoto T, Kawada K, Obama K. Inflammation-Related Biomarkers for the Prediction of Prognosis in Colorectal Cancer Patients. Int J Mol Sci. 2021 Jul 27;22(15):8002. doi:10.3390/ijms22158002

15. Lee S young, Lee SI, Min BW, Oh SC. Prognostic implication of systemic inflammatory markers in young patients with resectable colorectal cancer. Ann Surg Treat Res. 2021;100(1):25. doi:10.4174/astr.2021.100.1.25

16. Wang S, Yuan Z, Ni K, Zhan Y, Zhao X, Liu Z, et al. Young Patients With Colorectal Cancer Have Higher Early Mortality but Better Long-Term Survival. Clin Transl Gastroenterol. 2022 Dec;13(12):e00543. doi:10.14309/ctg.0000000000000543

17. Lamont EB, Herndon JE, Weeks JC, Henderson IC, Earle CC, Schilsky RL, et al. Measuring Disease-Free Survival and Cancer Relapse Using Medicare Claims From CALGB Breast Cancer Trial Participants (Companion to 9344). JNCI J Natl Cancer Inst. 2006 Sep 20;98(18):1335–8. doi:10.1093/jnci/djj363

18. Heikkinen I, Bello IO, Wahab A, Hagström J, Haglund C, Coletta RD, et al. Assessment of Tumor-infiltrating Lymphocytes Predicts the Behavior of Early-stage Oral Tongue Cancer. Am J Surg Pathol. 2019 Oct;43(10):1392–6. doi:10.1097/PAS.0000000000001323

19. Ogino S, Nosho K, Irahara N, Meyerhardt JA, Baba Y, Shima K, et al. Lymphocytic Reaction to Colorectal Cancer Is Associated with Longer Survival, Independent of Lymph Node Count, Microsatellite Instability, and CpG Island Methylator Phenotype. Clin Cancer Res. 2009 Oct 15;15(20):6412–20. doi:10.1158/1078-0432.CCR-09-1438

20. Stoffel EM, Murphy CC. Epidemiology and Mechanisms of the Increasing Incidence of Colon and Rectal Cancers in Young Adults. Gastroenterology. 2020 Jan;158(2):341–53. doi:10.1053/j.gastro.2019.07.055

21. Siegel RL, Miller KD, Wagle NS, Jemal A. Cancer statistics, 2023. CA Cancer J Clin. 2023 Jan;73(1):17–48. doi:10.3322/caac.21763

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22. Dekker E, Tanis PJ, Vleugels JLA, Kasi PM, Wallace MB. Colorectal cancer. The Lancet. 2019 Oct;394(10207):1467–80. doi:10.1016/S0140-6736(19)32319-0

23. Templeton AJ, McNamara MG, Šeruga B, Vera-Badillo FE, Aneja P, Ocaña A, et al. Prognostic Role of Neutrophil-to-Lymphocyte Ratio in Solid Tumors: A Systematic Review and Meta-Analysis. JNCI J Natl Cancer Inst. 2014 Jun;106(6). doi:10.1093/jnci/dju124

24. Hu X, Tian T, Sun Q, Jiang W. Prognostic value of the neutrophil-to-lymphocyte ratio and platelet-to-lymphocyte ratio in laryngeal cancer: What should we expect from a meta-analysis? Front Oncol. 2022 Aug 10;12:945820. doi:10.3389/fonc.2022.945820

25. Yu H, He Y, Lv T, Lu X, Shu Y, Pan H. Prognostic value of the platelet-to-lymphocyte ratio in colorectal cancer patients undergoing chemotherapy: a systematic review and meta-analysis. BMC Gastroenterol. 2025 Nov 25;25(1):834. doi:10.1186/s12876-025-04401-0

26. Wang J, Li J, Wei S, Xu J, Jiang X, Yang L. The Ratio of Platelets to Lymphocytes Predicts the Prognosis of Metastatic Colorectal Cancer: A Review and Meta-Analysis. Silvestris N, editor. Gastroenterol Res Pract. 2021 Nov 2;2021:1–8. doi:10.1155/2021/9699499

27. Gu L, Li H, Chen L, Ma X, Li X, Gao Y, et al. Prognostic role of lymphocyte to monocyte ratio for patients with cancer: evidence from a systematic review and meta-analysis. Oncotarget. 2016 May 31;7(22):31926–42. doi:10.18632/oncotarget.7876

28. Dolan RD, Alwahid M, McSorley ST, Park JH, Stevenson RP, Roxburgh CS, et al. A comparison of the prognostic value of composite ratios and cumulative scores in patients with operable rectal cancer. Sci Rep. 2020 Oct 21;10(1):17965. doi:10.1038/s41598-020-73909-0

29. Li B sheng, Teng J, Zhang J, Zhang T, Zhang S. Prognostic value of peripheral blood lymphocyte-to-monocyte ratio in patients with solid tumors: a meta-analysis. OncoTargets Ther. 2015 Dec;37. doi:10.2147/OTT.S94458

30. Wang P, Jiang H. Prognostic value of systemic immune-inflammation index for colorectal cancer: a systematic review and meta-analysis. Front Oncol. 2026 Feb 5;16:1616016. doi:10.3389/fonc.2026.1616016

31. Zhang T, Miao YC. Prognostic evaluation of preoperative systemic immune inflammatory index in patients with colorectal cancer. Front Oncol. 2023 Dec 22;13:1260796. doi:10.3389/fonc.2023.1260796

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32. Pagès F, Mlecnik B, Marliot F, Bindea G, Ou FS, Bifulco C, et al. International validation of the consensus Immunoscore for the classification of colon cancer: a prognostic and accuracy study. The Lancet. 2018 May;391(10135):2128–39. doi:10.1016/S0140-6736(18)30789-X

33. Andric F, Al-Fairouzi A, Wettergren Y, Szeponik L, Bexe-Lindskog E, Cusack JC, et al. Immune Microenvironment in Sporadic Early-Onset versus Average-Onset Colorectal Cancer. Cancers. 2023 Feb 24;15(5):1457. doi:10.3390/cancers15051457

34. Wagner PL, Xie J, Flaherty DC, Park H, Knotts C, Debelius J, et al. Intra-tumoral lymphocyte scoring in colorectal cancer: improving prognostic utility and correlation with underlying cancer biology. Front Gastroenterol. 2024 Nov 28;3:1493949. doi:10.3389/fgstr.2024.1493949

35. Pino MS, Chung DC. The Chromosomal Instability Pathway in Colon Cancer. Gastroenterology. 2010 May;138(6):2059–72. doi:10.1053/j.gastro.2009.12.065

36. Wankhede D, Yuan T, Kloor M, Halama N, Brenner H, Hoffmeister M. Clinical significance of combined tumour-infiltrating lymphocytes and microsatellite instability status in colorectal cancer: a systematic review and network meta-analysis. Lancet Gastroenterol Hepatol. 2024 Jul;9(7):609–19. doi:10.1016/S2468-1253(24)00091-8

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