

DAFTAR PUSTAKA

- Abbas, A. K., Aster, J. C., & Kumar, V. (2020). *Buku Ajar Patologi Dasar Robbins* (10th ed.). Elsevier.
- Agustin Wulandari, E., & Kartika Rukmi, D. (2021). Hubungan Tingkat Pengetahuan dengan Kepatuhan Terapi ARV pada ODHA di Yogyakarta The Correlation between The Level of Knowledge and The Adherence on ARV Therapy of ODHA in Yogyakarta. In *Jurnal Keperawatan Klinis dan Komunitas* (Vol. 5, Issue 3)P.
- Baedowi, A., Zulfian, Rusmini, H., & Prasetya, T. (2020). *Hubungan Jumlah Viral Load Dengan Kejadian TBC Pada Pasien HIV/AIDS Yang Mendapatkan Terapi ARV* (Vol. 1, Issue 3).
- Biostatistik, J., Kesehatan, I., Rohmatullailah, D., Fikriyah, D., Rohmatullailah, D., & Fikriyah, D. (2021). Faktor Risiko Kejadian HIV Pada Kelompok Usia Produktif di Indonesia. *Jurnal Biostatistik, Kependudukan, Dan Informatika Kesehatan*, 2(1). <https://doi.org/10.7454/bikfokes.v2i1.1022>
- Carvalho, B. M. de, Monteiro, A. J., Neto, R. da J. P., Grangeiro, T. B., & Frota, C. C. (2008). *Factors Related to HIV/Tuberculosis Coinfection in a Brazilian Reference Hospital*.
- CDC. (2014). *Kasus Surveilans yang Direvisi untuk Infeksi HIV*. <https://www.cdc.gov/mmwr/preview/mmwrhtml/rr6303a1.htm>
- Cesia, T., Hasibuan, P., & Silaen, J. C. (2024). Perbandingan Cd4 Hiv-Tb Paru Sebelum Dan Sesudah ARV Dan OAT. In *Jurnal Visi Eksakta (JVIEKS)* (Vol. 5, Issue 1). <https://ejournal.uhn.ac.id/index.php/eksakta>
- Dave, R. S., Jain, P., & Byrareddy, S. N. (2018). Follicular dendritic cells of lymph

- nodes as human immunodeficiency virus/simian immunodeficiency virus reservoirs and insights on cervical lymph node. In *Frontiers in Immunology* (Vol. 9, Issue APR). Frontiers Media S.A. <https://doi.org/10.3389/fimmu.2018.00805>
- Diedrich, C. R., & Flynn, J. A. L. (2011). HIV-1/Mycobacterium tuberculosis coinfection immunology: How does HIV-1 exacerbate tuberculosis? In *Infection and Immunity* (Vol. 79, Issue 4, pp. 1407–1417). <https://doi.org/10.1128/IAI.01126-10>
- Diyaning Intiasari, A., Trisnantoro, L., & Hendrartini, J. (2015). Potret Masyarakat Sektor Informal Di Indonesia: Mengenal Determinan Probabilitas Keikutsertaan Jaminan Kesehatan Sebagai Upaya Perluasan Kepesertaan Pada Skema Non Pbi Mandiri Portrait Of The Informal Sector In Indonesia: Assessing The Probability Determinants For Voluntary Health Insurance Enrollment. In □ *Jurnal Kebijakan Kesehatan Indonesia* (Vol. 04, Issue 4).
- Febriani, D. M., Lukas, S., & Murtiani, F. (2019). Evaluasi Penggunaan Antiretroviral (ARV) Berdasarkan Indikator CD4 Pada Pasien HIV di RSPI Prof. Dr. Sulianti Saroso. In *The Indonesian Journal of Infectious Disease* | (Vol. 5, Issue 2).
- Fielding, K. L., Charalambous, S., Stenson, A. L., Pemba, L. F., Martin, D. J., Wood, R., Churchyard, G. J., & Grant, A. D. (2008). Risk factors for poor virological outcome at 12 months in a workplace-based antiretroviral therapy programme in South Africa: A cohort study. *BMC Infectious Diseases*, 8. <https://doi.org/10.1186/1471-2334-8-93>
- Fitriana, E., Camin, Y. R., & Widowati, R. (2014). *Hubungan Obat Anti Tuberkulosis Dengan Jumlah CD4 Pasien Koinfeksi Tb-HIV Di RSUD Jayapura Papua.*
- Gupta, R. K., Lawn, S. D., Bekker, L. G., Caldwell, J., Kaplan, R., & Wood, R. (2013).

Impact of human immunodeficiency virus and CD4 count on tuberculosis diagnosis: Analysis of city-wide data from Cape Town, South Africa. *International Journal of Tuberculosis and Lung Disease*, 17(8), 1014–1022. <https://doi.org/10.5588/ijtld.13.0032>

Harfiani, E., Anisah, A., & Irmarahayu, A. (2019). Pemberdayaan masyarakat dengan pelatihan pembuatan minuman kesehatan dari Tanaman Obat Keluarga (TOGA). *Riau Journal of Empowerment*, 2(2), 37–42. <https://doi.org/10.31258/raje.2.2.37-42>

Hidayat, R., Amir, H., Agus, A. I., & Hisyam, M. (2023). The Effect of Duration of Antiretroviral Drug Administration on CD4 Cells in HIV/AIDS Patients in Makassar Indonesia. In *An Idea Nursing Journal ISSN* (Vol. 2).

Hutapea, H. M. L., Mirino, Y., Widiyanti, M., Fitriana, E., Maladan, Y., & Oktavian, A. (2017). Penurunan CD4+ Pada ODHA Setelah Terapi ARV Lebih Dari 39 Bulan. *Media Kesehatan Masyarakat Indonesia*, 13(3), 267. <https://doi.org/10.30597/mkmi.v13i3.1048>

Jameson, J. L., Fauci, A. S., Kasper, D. L., Hauser, S. L., Longo, D. L., & Loscalzo, J. (2018). *Harrison's Principles of Internal Medicine* (20th ed.). McGraw-Hill Education.

Kaplan, R., Hermans, S., Caldwell, J., Jennings, K., Bekker, L. G., & Wood, R. (2018). HIV and TB co-infection in the ART era: CD4 count distributions and TB case fatality in Cape Town. *BMC Infectious Diseases*, 18(1). <https://doi.org/10.1186/s12879-018-3256-9>

Karlina, N., Setyo Dwi Andhini, C., Studi Ilmu Keperawatan, P., & Mahardika Cirebon, Stik. (2019). *Hubungan Terapi Hemodialisa Dengan Pemenuhan*

Activity Daily Living Di Rsud Waled Kabupaten Cirebon (The Correlation Of Therapy Hemodialysis With Compliance Activity Daily Living In Waled General Hospital Cirebon District). www.jurnal.stikesmahardika.ac.id

Kartika Sari, Y., Nurmawati, T., & Putri Hidayat, A. (2019). *Analisis Faktor Yang Mempengaruhi Kepatuhan Pasien HIV-AIDS Dalam Terapi Antiteroviral (ARV)* (Vol. 7, Issue 2).

Kemkes. (2019). *Pedoman Nasional Pelayanan Kedokteran Tata Laksana HIV*. https://siha.kemkes.go.id/portal/files_upload/PNPK_HIV_Kop_Garuda__1_.pdf

Kemkes. (2022). *Penanggulangan Human Immunodeficiency Virus, Acquired Immunodeficiency Syndrome, Dan Infeksi Menular Seksual*. www.peraturan.go.id

Kensanovanto, A., & Perwitasari, D. A. (2022). Tingkat kepatuhan dan keberhasilan terapi pada orang dengan penderita HIV/AIDS. *Borobudur Pharmacy Review*, 2(2), 31–35. <https://doi.org/10.31603/bphr.v2i2.7042>

Koole, O., Denison, J. A., Menten, J., Tsui, S., Wabwire-Mangen, F., Kwesigabo, G., Mulenga, M., Auld, A., Agolory, S., Mukadi, Y. D., Van Praag, E., Torpey, K., Williams, S., Kaplan, J., Zee, A., Bangsberg, D. R., & Colebunders, R. (2016). Reasons for missing antiretroviral therapy: Results from a multi-country study in Tanzania, Uganda, and Zambia. *PLoS ONE*, 11(1). <https://doi.org/10.1371/journal.pone.0147309>

Lima, V. D., Wang, L., Sereda, P., McLinden, T., Barrios, R., & Montaner, J. S. G. (2021). Estimation of time of HIV seroconversion using a modified CD4 depletion model. *PLoS ONE*, 16(2 February).

<https://doi.org/10.1371/journal.pone.0246135>

- Lubis, Z. D. (2012). Gambaran Karakteristik Individu dan Faktor Risiko terhadap terjadinya Infeksi Oportunistik pada Penderita HIV/AIDS di Rumah Sakit Penyakit Infeksi Sulianti Saroso Tahun 2011. In *Skripsi*.
- Lumentut, A. R., Marunduh, S., & Rampengan, J. J. V. (2015). *Profil TNF- α Pada Orang Lanjut Usia Di Panti*.
- Martiana, T. (1999). *Pengaruh Perubahan Circadian Rhythm Terhadap Respons Imun Seluler Pada Pekerja shift malam (Suatu pendekatan Psikoneuroimunologi)*.
- Maskew, M., Brennan, A. T., Westreich, D., McNamara, L., MacPhail, A. P., & Fox, M. P. (2013). Gender differences in mortality and CD4 count response among virally suppressed HIV-positive patients. *Journal of Women's Health, 22*(2), 113–120. <https://doi.org/10.1089/jwh.2012.3585>
- Maskoep, W. I., Nasronudin, N., Khairunisa, S., & Sudjarwo, S. A. (2021). The Influence of Anti-Hiv-1 Specific IgY In Inhibiting HIV-1 Infection in Binding Phase with Syncytium Examination of CD4 Receptor Density Using the Flowcytometry Method. *Folia Medica Indonesiana, 56*(4), 290. <https://doi.org/10.20473/fmi.v56i4.24636>
- Means, A. R., Risher, K. A., Ujeneza, E. L., Maposa, I., Nondi, J., & Bellan, S. E. (2016). Impact of age and sex on CD4+ cell count trajectories following treatment initiation: An analysis of the Tanzanian HIV treatment database. *PLoS ONE, 11*(10). <https://doi.org/10.1371/journal.pone.0164148>
- Miftahurachman, & Wisaksana, R. (2015). Hubungan antara Indeks Massa Tubuh dan Jumlah CD4 pada Penderita HIV yang Mendapat Pengobatan ARV. *Majalah Kedokteran Bandung, 47*(4), 237–241. <https://doi.org/10.15395/mkb.v47n4.623>

- Musnelina, L., & Ganis, T. K. (2014). *Evaluasi Terapi Antiretroviral Terhadap Perkembangan Jumlah Limfosit CD4+ dan Perkembangan Berat Badan Pada Pasien HIV/AIDS Rawat Jalan di Rumah Sakit PELNI Jakarta Periode Januari-Juni 2013*. Vol 7 No 1 (2014): Sainstech Farma: Jurnal Ilmu Kefarmasian. <https://doi.org/https://doi.org/10.37277/sfj.v7i1.770>
- Nachega, J. B., Uthman, O. A., Del Rio, C., Mugavero, M. J., Rees, H., & Mills, E. J. (2014). Addressing the achilles' heel in the HIV care continuum for the success of a test-and-treat strategy to achieve an AIDS-free generation. *Clinical Infectious Diseases*, 59(SUPPL.1). <https://doi.org/10.1093/cid/ciu299>
- Nasronudin. (2013). *HIV & AIDS Pendekatan Biologi Molekuler Klinis & Sosial Ed 2* (J. .S. E. . S. H. . U. . A. W. D. . B. A. . M. V. . T. E. A. . P. R. . M. . Barakbah (ed.); 2nd ed., Vol. 1). Airlangga University Press.
- Novitry, F., Sari, T., Nirankrit, A., Masyarakat, K., & Al-Ma'arif Baturaja, S. (2024). *Lentera Perawat L P Risk Factor Analysis of HIV/AIDS Incidence in General Hospital Analisis Faktor Risiko Kejadian HIV/AIDS di Rumah Sakit Umum*.
- Nyamweya, S., Hegedus, A., Jaye, A., Rowland-Jones, S., Flanagan, K. L., & Macallan, D. C. (2013). Comparing HIV-1 and HIV-2 infection: Lessons for viral immunopathogenesis. In *Reviews in Medical Virology* (Vol. 23, Issue 4, pp. 221–240). <https://doi.org/10.1002/rmv.1739>
- O'Garra, A., Redford, P. S., McNab, F. W., Bloom, C. I., Wilkinson, R. J., & Berry, M. P. R. (2013). The Immune Response in Tuberculosis. *Annual Review of Immunology*, 31(1), 475–527. <https://doi.org/10.1146/annurev-immunol-032712-095939>
- Panchbhavi, V. K. (2025). *Bone Marrow Anatomy*.

- Perhimpunan Dokter Paru Indonesia. (2021). *Pedoman Diagnosis Dan Penatalaksanaan Tuberkulosis Di Indonesia*.
<https://repository.kemkes.go.id/book/124>
- Permitasari, D. A. (2012). *Faktor Risiko Terjadinya Koinfeksi Tuberkulosis Pada Pasien Hiv/Aids Di Rsup Dr. Kariadi Semarang*.
- Petunjuk Teknis Kolaborasi TBC HIV. (2023). *Tuberculosis Prevention And Control*.
https://hivaids-pimsindonesia.or.id/download/file/PETUNJUK_TEKNIS_KOLABORASI_TB_C_HIV_2023.pdf
- Phillips, A. N., Staszewski, S., Weber, R., Kirk, O., Francioli, P., Miller, V., Vernazza, P., Lundgren, J. D., & Ledergerber, B. (2001). HIV viral load response to antiretroviral therapy according to the baseline CD4 cell count and viral load. *JAMA*, 286(20), 2560–2567. <https://doi.org/10.1001/jama.286.20.2560>
- Prakoewa, F. R. (2020). Peranan Sel Limfosit Dalam Imunologi: Artikel Review. *Jurnal Sains Dan Kesehatan*, 2(4), 525–537.
<https://doi.org/10.25026/jsk.v2i4.212>
- Pranaya, A. Q., Hasan, H., & Bramantono, B. (2023). PROFIL KADAR CD4 PASIEN HIV KOINFEKSI TB PARU DI UNIT PERAWATAN INTERMEDIET PENYAKIT INFEKSI (UPIPI) RSUD DR. SOETOMO PERIODE JANUARI – DESEMBER 2019. *Mitra Raflesia (Journal of Health Science)*, 15(2), 138–148. <https://doi.org/10.51712/mitraraflesia.v15i2.327>
- Program Pengendalian HIV AIDS dan PIMS Fasilitas Kesehatan Tingkat Pertama. (2017). *Program Pengendalian HIV AIDS dan PIMS Fasilitas Kesehatan Tingkat Pertama*. [Jessica Valentina Umar, 2026](https://hivaids-</p>
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pimsindonesia.or.id/download/file/BUKU_3_PENGENDALIAN_HIV_COLO
R_A5_15x21_cm.pdf

- Rahayuni, S., Mariana, N., Lapau, B., Nurvidiya Arifin, E., & Maemun, S. (2018). Perubahan Jumlah CD4 Setelah Enam Bulan Pertama Terapi Antiretroviral di RSPI Prof. Dr. Sulianti Saroso. In *The Indonesian Journal of Infectious Diseases* (Vol. 4, Issue 1).
- Rohmawati, E., & Mardianto, J. (2025). Cakupan Terapi Antiretroviral dan Hasil Pemeriksaan Viral Load Pada Pasien Human Immunodeficiency Virus di RSUD RAA Soewondo Pati. *Jurnal Inovasi Dan Pengabdian Masyarakat Indonesia*, 4(1), 36–39. <https://jurnalnew.unimus.ac.id/index.php/jipmi>
- Rosendy Kurnianda, I., Apriliana, E., Tri Putri, G., Wulan Sumekar Rengganis Wardani, D., & Risiko Koinfeksi Tuberkulosis Paru, F. (2025). *Faktor Risiko Koinfeksi Tuberkulosis Paru pada Pasien HIV/AIDS* (Vol. 15).
- SIHA. (2024). *Laporan Eksekutif Perkembangan HIV AIDS Dan Penyakit Infeksi Menular Seksual (PIMS) Semester I Tahun 2024*. https://hivaids-pimsindonesia.or.id/download/file/Laporan_Semester1_TW1_TW2_HIVPIMS.pdf
- Sucahya, P. K., Nuriana, E. D., & Sindi, P. (2019). *Akses Layanan Kesehatan Pada Orang Dengan HIV/AIDS (ODHA) Peserta Jaminan Kesehatan Nasional Di Denpasar, Jakarta Selatan Dan Makassar*.
- Taha, M., Deribew, A., Tessema, F., Assegid, S., Duchateau, L., & Colebunders, R. (2011). *Risk Factors Of Active Tuberculosis In People Living With HIV/AIDS In Southwest Ethiopia: A Case Control Study*.
- Tolomeo, M., & Cascio, A. (2024). The Complex Dysregulations of CD4 T Cell

- Subtypes in HIV Infection. In *International Journal of Molecular Sciences* (Vol. 25, Issue 14). Multidisciplinary Digital Publishing Institute (MDPI).
<https://doi.org/10.3390/ijms25147512>
- Vail, R. M., Shah, S. S., Fine, S. M., McGowan, J. P., Merrick, S. T., Radix, A. E., Monroe, A. K., Rodrigues, J., Hoffmann, C. J., Norton, B. L., & Gonzalez, C. J. (2024). *Diagnosis and Management of Acute HIV Infection*.
www.hivguidelines.org
- van Heuvel, Y., Schatz, S., Rosengarten, J. F., & Stitz, J. (2022). Infectious RNA: Human Immunodeficiency Virus (HIV) Biology, Therapeutic Intervention, and the Quest for a Vaccine. In *Toxins* (Vol. 14, Issue 2). MDPI.
<https://doi.org/10.3390/toxins14020138>
- WHO. (2021). *Consolidated guidelines on HIV prevention, testing, treatment, service delivery and monitoring: recommendations for a public health approach*.
<https://www.who.int/publications/i/item/9789240031593>
- WHO. (2022). *Indonesia HIV Country Profile*.
<https://www.aidsdatahub.org/resource/indonesia-hiv-country-profile-2022>
- Widoyono. (2011). *Penyakit Tropis: Epidemiologi, Penularan, Pencegahan dan Pemberantasannya* (2nd ed.). Erlangga.
- Yasin, N. M., Maranty, H., Wahyu, D., & Ningsih, R. (2011). Analisis respon terapi antiretroviral pada pasien HIV/AIDS Response to antiretroviral therapy undergone by HIV/AIDS patients. In *Majalah Farmasi Indonesia* (Vol. 22, Issue 3).
- Yunita, E. P., Winarsih, S., & Deasury, N. R. (2020). Pengaruh Lama Penggunaan Kombinasi ARV (TDF+3TC+EFV) terhadap Jumlah Sel CD4+ Pasien

HIV/AIDS. *Indonesian Journal of Clinical Pharmacy*, 9(3), 219.
<https://doi.org/10.15416/ijcp.2020.9.3.219>

Yusmaini, H., Ramadina, A. A., Astari, R. V., & Saleh, A. Y. (2024). CD4 Count and Central Nervous System Infection among HIV/AIDS Patients in an Indonesian Presidential Hospital from 2020 to 2022. *Folia Medica Indonesiana*, 60(1), 40–46. <https://doi.org/10.20473/fmi.v60i1.54070>