DAFTAR PUSTAKA

Adesina, O.A., Michael, O.S., Ogunbosi, B.O., Akinyemi, J.O., Kuti, M.A., Awolude, O.A., Fayemiwo, S.A., Adewole, I.F. (2015) "Obstetric and newborn outcomes and risk factors for low birth weight and preterm delivery among HIV-infected pregnant women at the university college hospital Ibadan," *Tropical Journal of Obstetrics and Gynaecology*, 32(1).

Aras, R. (2013) 'Is maternal age risk factor for low birth weight?', *Archives of Medicine and Health Sciences*, 1(1), p. 33. doi:10.4103/2321-4848.113558.

Assefa, M., Abegaz, W.E., Shewamare, A., Medhin, G., Belay, M. (2015) "Prevalence and correlates of anemia among HIV infected patients on highly active anti-retroviral therapy at Zewditu Memorial Hospital, Ethiopia," *BMC Hematology*, 15(1). Available at: https://doi.org/10.1186/s12878-015-0024-6.

Astari, L., Sawitri. S., Safitri, Y.E., Hinda, D.P. (2009) "Viral Load pada Infeksi HIV," *Berkala Ilmu Kesehatan Kulit dan Kelamin*, 21(1).

Barral, M.F.M., de Oliveira, G.R., Lobato, R.C., Mendoza-Sassi, R.A., Martinez, A.M.b., Gonçalves, C.V. (2014) "Risk factors of HIV-1 vertical transmission (VT) and the influence of antiretroviral therapy (ART) in pregnancy outcome," *Revista do Instituto de Medicina Tropical de São Paulo*, 56(2), pp. 133–138. Available at: https://doi.org/10.1590/s0036-46652014000200008.

Battistini Garcia SA, Guzman N. Acquired Immune Deficiency Syndrome CD4+ Count. [Updated 2022 Aug 8]. In: StatPearls [Internet]. Treasure Island (FL): StatPearls Publishing; 2022 Jan-. Available from: https://www.ncbi.nlm.nih.gov/books/NBK513289/

Bekele, A., Seyoum, G., Tesfaye, K., Fantahun, Y. (2019) 'The effects of maternal age and parity on the birth weight of newborns among mothers with singleton pregnancies and at term deliveries', *Ethiopian Journal of Health Development*, 33.

Chaisson, R.E. and Moore, R.D. (1997) "Prevention of opportunistic infections in the era of improved antiretroviral therapy," *Journal of Acquired Immune Deficiency Syndromes & Human Retrovirology*, 16. Available at: https://doi.org/10.1097/00042560-199701001-00003.

Chibwesha, C.J., Giganti, M.J., Putta, N., Chintu, N., Mulindwa, J., Dorton, B., Chi, B.H., Stringer, J.S.A., Stringer, E.M (2011) 'Optimal Time on haart for prevention of mother-to-child transmission of HIV', *JAIDS Journal of Acquired Immune Deficiency Syndromes*, 58(2), pp. 224–228. doi:10.1097/qai.0b013e318229147e.

Cohen, M.S., Chen, Y.Q., McCauley, M., Gamble, T. (2011) "Prevention of HIV-1 infection with early antiretroviral therapy," *New England Journal of Medicine*, 365(6), pp. 493–505. Available at: https://doi.org/10.1056/nejmoa1105243.

Dinh, T.-H., Mushavi, A., Shiraishi, R.W., Barr, B.T., Balachandra, S., Shambira, G., Nyakura, J., Zinyowera, S., Tshimanga, M., Mugurungi, O., Kilmarx, P.H. (2017) 'Impact of timing of antiretroviral treatment and birth weight on mother-to-child human immunodeficiency virus transmission: Findings from an 18-month prospective cohort of a nationally representative sample of mother–infant pairs during the transition from option A to option B+ in Zimbabwe', *Clinical Infectious Diseases*, 66(4), pp. 576–585. doi:10.1093/cid/cix820.

Dreyfuss, M.L., Msamanga, G.I., Spiegelman, D., Hunter, D.J., Urassa, E.J., Hertzmark, E., Fawzi, W.W. (2001) "Determinants of low birth weight among HIV-infected pregnant women in Tanzania," *The American Journal of Clinical Nutrition*, 74(6), pp. 814–826. Available at: https://doi.org/10.1093/ajcn/74.6.814.

Elaabsi, M., Loukid, M. and Lamtali, S. (2022) "Socio-economic and cultural determinants of mothers and fathers for low birth weight newborns in the region of Marrakech (Morocco): A case-control study," *PLOS ONE*, 17(6). Available at: https://doi.org/10.1371/journal.pone.0269832.

Ertiana, D. (2020) "Usia Dan Paritas Ibu Dengan insidence Dan Derajat Bayi Baru Lahir (BBLR)," *EMBRIO*, 12(2), pp. 66–78. Available at: https://doi.org/10.36456/embrio.v12i2.2523.

Fanni, D.R.Y. and Adriani, M. (2017) "Hubungan Usia Gestasi dan Kadar Hemoglobin Trimester 3 Kehamilan dengan Berat Lahir Bayi," *E-journal Unair* [Preprint]. Available at: https://doi.org/10.2473/amnt.v1i3.2017.162-171.

Fentie, E.A., Yeshita, H.Y. and Bokie, M.M. (2022) "Low birth weight and associated factors among HIV positive and negative mothers delivered in Northwest Amhara Region Referral Hospitals, ethiopia,2020 a comparative crossectional study," *PLOS ONE*, 17(2). Available at: https://doi.org/10.1371/journal.pone.0263812.

Figueiredo, A.C., Gomes-Filho, I.S., Batista, J.E.T., Orrico, G.S., Porto, E.C., Pimenta, R.M., Brito, S.M., Ramos, M., Sena, M.C., Vilasboas, S.W., Cruz, S.S., Pereira, M.G. (2019) 'Maternal anemia and birth weight: A prospective cohort study', *PLOS ONE*, 14(3). doi:10.1371/journal.pone.0212817.

Garces, A., Perez, W., Harrison, M.S., Hwang, K.S., Nolen, T.L., Goldenberg, R.L., Patel, A.B., Hibberd, P.L., Lokangaka, A., Tshefu, A., Saleem, S., Goudar, S.S., Derman, R.J., Patterson, J., Koso-Thomas, M., McClure, E.M., Krebs, N.F., Hambidge, K.M. (2020) "Association of parity with birthweight and neonatal death in five sites: The Global Network's Maternal Newborn Health Registry Study," *Reproductive Health*, 17(S3). Available at: https://doi.org/10.1186/s12978-020-01025-3.

Gebremedhin, M., Ambaw, F., Admassu, E., Berhane, H. (2015) 'Maternal associated factors of low birth weight: A hospital based cross-sectional mixed study in Tigray, Northern Ethiopia', *BMC Pregnancy and Childbirth*, 15(1). doi:10.1186/s12884-015-0658-1.

Hestiyana, N. and Suhartati, S. (2020) "Analysis of Low Birth Weight (LBW) infants events based on parity of mother in RSUD dr. H. Moch Anshari Saleh Banjarmasin," *Proceedings of the Proceedings of the First National Seminar Universitas Sari Mulia, NS-UNISM 2019, 23rd November 2019, Banjarmasin, South Kalimantan, Indonesia* [Preprint]. Available at: https://doi.org/10.4108/eai.23-11-2019.2298322.

Hinkle, S.N., Albert, P.S., Mendola, P., Sjaarda, L.A., Yeung, E., Boghossian, N.S., Laughon, S.K. (2013) "The association between parity and birthweight in a longitudinal consecutive pregnancy cohort," *Paediatric and Perinatal Epidemiology*, 28(2), pp. 106–115. Available at: https://doi.org/10.1111/ppe.12099.

Irshad U, Mahdy H, Tonismae T. HIV In Pregnancy. [Updated 2022 Sep 20]. In: StatPearls [Internet]. Treasure Island (FL): StatPearls Publishing; 2022 Jan-. Available from: https://www.ncbi.nlm.nih.gov/books/NBK558972/

K. C., A., Basel, P.L. and Singh, S. (2020) "Low birth weight and its associated risk factors: Health facility-based case-control study," *PLOS ONE*, 15(6). Available at: https://doi.org/10.1371/journal.pone.0234907.

Khambalia, A.Z., Collins, C.E., Roberts, C.L., Morris, J.M., Powell, K.L., Tasevski, V., Nassar, N. (2015) "Iron deficiency in early pregnancy using serum ferritin and soluble transferrin receptor concentrations are associated with pregnancy and birth outcomes," *European Journal of Clinical Nutrition*, 70(3), pp. 358–363. Available at: https://doi.org/10.1038/ejcn.2015.157.

Lestari, J.F., Etika, R. and Lestari, P. (2021) "Maternal risk factors of low birth weight (LBW): Systematic review," *Indonesian Midwifery and Health Sciences Journal*, 4(1), pp. 73–81. Available at: https://doi.org/10.20473/imhsj.v4i1.2020.73-81.

Li R, Duffee D, Gbadamosi-Akindele MF. CD4 Count. [Updated 2022 May 8]. In: StatPearls [Internet]. Treasure Island (FL): StatPearls Publishing; 2022 Jan-. Available from: https://www.ncbi.nlm.nih.gov/books/NBK470231/

Low, A., Gavriildis, G., Larke, N., B-Lajoie, M., Drouin, O., Stover, J., Muhe, L., Easterbrook, P. (2016) "Incidence of opportunistic infections and the impact of antiretroviral therapy among HIV-infected adults in low- and middle-income countries: A systematic review and meta-analysis," *Clinical Infectious Diseases*, 62(12), pp. 1595–1603. Available at: https://doi.org/10.1093/cid/ciw125.

Matasariu, D.R., Onofriescu, M., Mihalceanu, E., Schaas, C.M., Bujor, I.E., Tibeica, A.M., Cristofor, A.E., Ursache, A. (2022) 'Impact of haart therapy and HIV infection over fetal growth—an anthropometric point of view', *Microorganisms*, 10(6), p. 1123. doi:10.3390/microorganisms10061123.

Mesfin, Y.M., Kibret, K.T. and Taye, A. (2016) 'Is protease inhibitors based antiretroviral therapy during pregnancy associated with an increased risk of preterm birth? systematic review and a meta-analysis', *Reproductive Health*, 13(1). doi:10.1186/s12978-016-0149-5.

Methazia, J., Ngamasana, E.L., Utembe, W., Ogunrombi, M., Nyasulu, P. (2020) "An investigation of maternal anaemia among HIV infected pregnant women on antiretroviral treatment in Johannesburg, South Africa," *Pan African Medical Journal*, 37. Available at: https://doi.org/10.11604/pamj.2020.37.93.22244.

Msamila, Sterner, "The Association between Maternal HIV Status and Low Birth Weight Offspring, Malawi DHS 2010." Thesis, Georgia State University, 2018. doi: https://doi.org/10.57709/11017317

Mocroft, A., Kirk, O., Barton, S.E., Dietrich, M., Proenca, R., Colebunders, R., Pradier, C., Monforte, A., Ledergerber, B., Lundgren, J.D. (1999) 'Anaemia is an independent predictive marker for clinical prognosis in HIV-infected patients from across Europe', *AIDS*, 13(8), pp. 943–950. doi:10.1097/00002030-199905280-00010.

Mohammed, S., Bonsing, I., Yakubu, I., Wondong, W.P. (2019) 'Maternal Obstetric and socio-demographic determinants of low birth weight: A retrospective cross-sectional study in Ghana', *Reproductive Health*, 16(1). doi:10.1186/s12978-019-0742-5.

Moseholm, E., Katzenstein, T.L., Pedersen, G., Johansen, I.S., Wienecke, L.S., Storgaard, M., Obel, N., Weis, N. (2022) 'Use of antiretroviral therapy in pregnancy and association with birth outcome among women living with HIV in Denmark: A nationwide, population-based Cohort Study', *HIV Medicine*, 23(9), pp. 1007–1018. doi:10.1111/hiv.13304.

Mulu, A., Kassu, A., Huruy, K., Tegene, B., Yitayaw, G., Nakamori, M., Nhien, N.V., Bekele, A., Wondimhun, Y., Yamamoto, S., Ota, F. (2011) "Vitamin A deficiency during pregnancy of HIV infected and non-infected women in tropical settings of northwest Ethiopia," *BMC Public Health*, 11(1). Available at: https://doi.org/10.1186/1471-2458-11-569.

Mylonakis, E., Paliou, M. and Rich, J.D. (2001) "Plasma Viral Load Testing in the Management of HIV Infection," *American family physician*, 63(3).

Nandlal, V., Moodley, D., Grobler, A., Bagratee, J., Maharaj, N.R., Richardson, P. (2014) 'Anaemia in pregnancy is associated with advanced HIV disease', *PLoS ONE*, 9(9). doi:10.1371/journal.pone.0106103.

Ndlovu, Z., Chirwa, T. and Takuva, S. (2014) "Incidence and predictors of recovery from anaemia within an HIV-infected South African cohort, 2004-2010," *Pan African Medical Journal*, 19. Available at: https://doi.org/10.11604/pamj.2014.19.114.3600.

Ningtiar, H.W., Kartina, L., Puspitasari, D., Husada, D., Basuki, P.S., Ismoedijanto, I. (2019) "The outcomes of infants with HIV infected mother in a tertiary hospital in Indonesia," *Indian Journal of Public Health Research and Development*, 10(8), p. 2058. Available at: https://doi.org/10.5958/0976-5506.2019.02158.2.

Omoni, A.O. *et al.* (2017) "Child growth according to maternal and child HIV status in Zimbabwe," *Pediatric Infectious Disease Journal*, 36(9), pp. 869–876. Available at: https://doi.org/10.1097/inf.0000000000001574.

Papp, E., Mohammadi, H., Loutfy, M.R., Yudin, M.H., Murphy, K.E., Walmsley, S.L., Shah, R., MacGillivray, J., Silverman, M., Serghides, L. (2014) "HIV protease inhibitor use during pregnancy is associated with decreased progesterone levels, suggesting a potential mechanism contributing to fetal growth restriction," *Journal of Infectious Diseases*, 211(1), pp. 10–18. Available at: https://doi.org/10.1093/infdis/jiu393.

Pribadi, G.S. and Cahyono, A.B.F. (2021) "Characteristics and opportunistic infections of AIDS patients in East Java Province in 2018," *Jurnal Berkala Epidemiologi*, 9(1), p. 96. Available at: https://doi.org/10.20473/jbe.v9i12021.96-104.

Rahfiludin, M.Z. and Dharmawan, Y. (2018) "Risk factors associated with low birth weight," *Kesmas: National Public Health Journal*, 13(2). Available at: https://doi.org/10.21109/kesmas.v13i2.1719.

Ramakrishnan, U., Gonzalez-Cossio, T., Neufeld, L.M., Rivera, J., Martorell, R. (2003) "Multiple micronutrient supplementation during pregnancy does not lead to greater infant birth size than does iron-only supplementation: A randomized controlled trial in a semirural community in Mexico," *The American Journal of Clinical Nutrition*, 77(3), pp. 720–725. Available at: https://doi.org/10.1093/ajcn/77.3.720.

Riu, D.S., Mappaware, N.A., Fujiyanto, Asmi, M.N., Tansil. A.R. (2020) 'Maternal hemoglobin concentration and birth weight: A report from Mother and Child Tertiary Hospital', *Enfermería Clínica*, 30, pp. 92–95. doi:10.1016/j.enfcli.2019.07.042.

Saktina, P.U. and Satriyasa, B.K. (2017) "Karakteristik Penderita AIDS Dan Infeksi Oportunistik di Rumah Sakit Umum Pusat Sanglah Denpasar Periode Juli 2013 Sampai Juni 2014," *E-Jurnal Medika Udayana*, 6(3).

Shoko, C. and Chikobvu, D. (2019) "A superiority of viral load over CD4 cell count when predicting mortality in HIV patients on therapy," *BMC Infectious Diseases*, 19(1). Available at: https://doi.org/10.1186/s12879-019-3781-1.

Sibuea, R. and Raja, S.N. (2022) 'Correlation of anemia in pregnancy and low birth weight in public health centers', *Science Midwifery*, 10(4), pp. 2985–2991. doi:10.35335/midwifery.v10i4.748.

Sutini, S., Rahayu, S.R., Saefurrohim, M.Z., Ayubi, M.T.A.A., Wijayanti, H., Wandastuti, A.D., Miarso, D., Susilastuti, M.S. (2022) "Prevalence and determinants of opportunistic infections in HIV patients: A cross-sectional study in the city of Semarang," *Ethiopian Journal of Health Sciences*, 32(4), pp. 809–816. Available at: https://doi.org/10.4314/ejhs.v32i4.18.

Tarigan, N., Simanjuntak, R.R. and Nainggolan, O. (2023) 'Maternal age at birth and low birth weight (LBW) in Indonesia (analysis of RISKESDAS 2018)', *GIZI INDONESIA*, 46(1), pp. 1–10. doi:10.36457/gizindo.v46i1.694.

Tsibris, A.M. and Hirsch, M.S. (2010) "Antiretroviral Therapy in the clinic," *Journal of Virology*, 84(11), pp. 5458–5464. Available at: https://doi.org/10.1128/jvi.02524-09.

Valerian, C.M., Kemara, K.P. and Megadhana, I.W. (2013) "Tatalaksana Infeksi HIV dalam Kehamilan," *E-Jurnal Medika Udayana*, 2(1).

van der Merwe, K., Hoffman, R., Black, V., Chersich, M., Coovadia, A., Rees, H. (2011) "Birth outcomes in South African women receiving highly active antiretroviral therapy: A retrospective observational study," *Journal of the International AIDS Society*, 14(1), pp. 42–42. Available at: https://doi.org/10.1186/1758-2652-14-42.

Vijayan, K.K.V., Karthigeyan, K.P., Tripathi, S.P., Hanna, L.E. (2017) "Pathophysiology of CD4+ T-cell depletion in HIV-1 and HIV-2 infections," *Frontiers in Immunology*, 8. Available at: https://doi.org/10.3389/fimmu.2017.00580.

Wang, S., Yang, L., Shang, L., Yang, W., Qi, C., Huang, L., Xie, G., Wang, R., Chung, M.C. (2020) 'Changing trends of birth weight with maternal age: A cross-sectional study in Xi'an City of Northwestern China', *BMC Pregnancy and Childbirth*, 20(1). doi:10.1186/s12884-020-03445-2.

Weinberg, J.L. and Kovarik, C.L. (2010) "The Who Clinical Staging System for HIV/AIDS," *AMA Journal of Ethics*, 12(3), pp. 202–206. Available at: https://doi.org/10.1001/virtualmentor.2010.12.3.cprl1-1003.

WHO (2016) *Consolidated Guidelines on the use of antiretroviral drugs for treating and preventing HIV infection: Recommendations for a public health approach. 2nd edition*. World Health Organization.

World Health Organization (2010) *Interim WHO clinical staging of HVI/AIDS and HIV/AIDS case definitions for surveillance : African Region*. World Health Organization. Available at: https://apps.who.int/iris/handle/10665/69058 (Accessed: 2023).

Xiao, P.-L. Zhou, Y-B., Chen, Y., Yang, M-X., Song, X-X., Shi, Y., Jiang, Q-W. (2015) "Association between maternal HIV infection and low birth weight and prematurity: A meta-analysis of Cohort studies," *BMC Pregnancy and Childbirth*, 15(1). Available at: https://doi.org/10.1186/s12884-015-0684-z.

Yakubu, I. and Salisu, W.J. (2018) 'Determinants of adolescent pregnancy in sub-Saharan africa: A systematic review', *Reproductive Health*, 15(1). doi:10.1186/s12978-018-0460-4.

Yingjuan, L., Peng, J., Liu, Y., Xia, W., Chen, S., Yongcheng, S., Lin, Y., (2023) 'Association between maternal HIV infection and the risks of preterm birth and low birth weight in Chengdu, China: A propensity score matching approach', *BMJ Open*, 13(9). doi:10.1136/bmjopen-2022-071205.

Yu, L. *et al.* (2012) "Pregnancy outcomes and risk factors for low birth weight and preterm delivery among HIV-infected pregnant women in Guangxi, China," *Chinese Medical Journal*, 125(3). Available at: https://doi.org/10.3760/cma.j.issn.0366-6999.2012.03.001.

Yuliandra, Y., Nosa, U.S., Raveinal, R., Almasdy, D. (2017) "TERAPI antiretroviral Pada Pasien HIV/AIDS di RSUP. dr. M. Djamil Padang: Kajian Sosiodemografi Dan Evaluasi Obat," *Jurnal Sains Farmasi & Klinis*, 4(1), p. 1. Available at: https://doi.org/10.29208/jsfk.2017.4.1.173.

Zenebe, A., Eshetu, B. and Gebremedhin, S. (2020) "Association between maternal HIV infection and birthweight in a tertiary hospital in southern Ethiopia: Retrospective cohort study," *Italian Journal of Pediatrics*, 46(1). Available at: https://doi.org/10.1186/s13052-020-00834-3.