



## DAFTAR PUSTAKA

- Abdusalomova, M., Denisiuk, O., Davtyan, H., Gadoev, J., Abdusamatova, B., Parpieva, N. & Sodikov, A. 2021. Adverse drug reactions among children with tuberculosis in Tashkent, Uzbekistan. *Int J Environ Res Pub Health*, 18(7574).
- Al-fi, S.H. 2010. The relation of age to the severity of Type I diabetes in children. *J. of Fam and Comm Med*, 17(2): 87–90.
- Awaluddin, S.M., Ismail, N., Zakaria, Y., Yasin, S.M., Razali, A., Mutalip, M.H.A., Lodz, N.A., Musa, K.I., Kusnin, F. & Aris, T. 2020. Characteristics of paediatric patients with tuberculosis and associated determinants of treatment success in Malaysia using the MyTB version 2.1 database over five years. *BMC Public Health*, 20(1).
- Barreto-Duarte, B., Araújo-Pereira, M., Nogueira, B.M.F., Sobral, L., Rodrigues, M.M.S., Queiroz, A.T.L., Rocha, M.S., Nascimento, V., Souza, A.B., Cordeiro-Santos, M., Kritski, A.L., Sterling, T.R., Arriaga, M.B. & Andrade, B.B. 2021. Tuberculosis Burden and Determinants of Treatment Outcomes According to Age in Brazil: A Nationwide Study of 896,314 Cases Reported Between 2010 and 2019. *Front Med*, 8.
- Bates, M., Marais, B.J. & Zumla, A. 2015. Tuberculosis comorbidity with communicable and noncommunicable diseases. *Cold Spring Harb Perspect Med*, 5(11).
- Belay, G.M. & Wubneh, C.A. 2020. Childhood tuberculosis treatment outcome and its association with HIV co-infection in Ethiopia: A systematic review and meta-analysis. *Trop Med Health*, 48(1): 1–10.
- Berry, K.M., Rodriguez, C.A., Berhanu, R.H., Ismail, N., Mvusi, L., Long, L. & Evans, D. 2019. Treatment outcomes among children, adolescents, and adults on treatment for tuberculosis in two metropolitan municipalities in Gauteng Province, South Africa. *BMC Public Health*, 19(1): 1–17.
- Brooks, M.B., Malik, A., Khan, S., Ahmed, J.F., Siddiqui, S., Jaswal, M., Saleem, S., Amanullah, F., Becerra, M.C. & Hussain, H. 2021. Predictors of



- unsuccessful tuberculosis treatment outcomes in children from a prospective cohort study in Pakistan. *J of Glob Health*, 11(04011).
- Charoensakulchai, S., Limsakul, M., Saengungsumalee, I., Usawachoke, S., Udomdech, A., Pongsaboripat, A., Kaewput, W., Sakboonyarat, B., Rangsin, R., Suwannahitatorn, P., Mungthin, M. & Piyaraj, P. 2020c. Characteristics of poor tuberculosis treatment outcomes among patients with pulmonary tuberculosis in community hospitals of Thailand. *Am J Trop Med Hyg*, 102(3): 553–561.
- Chenciner, L., Annerstedt, K.S., Pescarini, J.M. & Wingfield, T. 2021. Social and health factors associated with unfavourable treatment outcome in adolescents and young adults with tuberculosis in Brazil: a national retrospective cohort study. *The Lancet Glob Health*, 9(10): e1380–e1390.
- Chiang, S. S., Beckhorn, C.B., Wong, M., Lecca, L. & Franke, M.F. 2020. Patterns of suboptimal adherence among adolescents treated for tuberculosis. *Int J Tuberc Lung Dis*, 24(7): 723–725.
- Chiang, Silvia S., Dolynska, M., Rybak, N.R., Cruz, A.T., Aibana, O., Sheremeta, Y., Petrenko, V., Mamotenko, A., Terleieva, I., Horsburgh, C.R. & Jenkins, H.E. 2020. Clinical manifestations and epidemiology of adolescent tuberculosis in Ukraine. *ERJ Open Res*, 6(3): 00308–02020.
- Cruz, A.T., Hwang, K.M., Birnbaum, G.D. & Starke, J.R. 2013. Adolescents with tuberculosis: A review of 145 cases. *Pediatr Infect Dis J*, 32(9): 937–941.
- Cruz, A.T., Merchant, O., Zafar, A. & Starke, J.R. 2014. Tuberculosis exposure, infection and disease among children with medical comorbidities. *Pediatr Infect Dis J*, 33(8): 885–888.
- Dahlan, S. 2020. *Besar Sampel dalam Penelitian Kedokteran dan Kesehatan*.
- Dinas Kesehatan Yogyakarta. 2021. *Profil Kesehatan Yogyakarta Tahun 2021*. Yogyakarta.
- Dodd, P.J., Prendergast, A.J., Becroft, C., Kampmann, B. & Seddon, J.A. 2017. The impact of HIV and antiretroviral therapy on TB risk in children: A systematic review and meta-analysis. *Thorax*, 72(6): 559–575.



- Enane, L.A., Lowenthal, E.D., Arscott-Mills, T., Matlhare, M., Smallcomb, L.S., Kgwaadira, B., Coffin, S.E. & Steenhoff, A.P. 2016. Loss to follow-up among adolescents with tuberculosis in Gaborone, Botswana. *Int J Tuberc Lung Dis*, 20(10): 1320–1325.
- Espi, M., Koppe, L., Fouque, D. & Thauinat, O. 2020. Chronic kidney disease-associated immune dysfunctions: Impact of protein-bound uremic retention solutes on immune cells. *Toxins*, 12(5).
- Feja, K. & Saiman, L. 2005. Tuberculosis in children. *Clin Chest Med*, 26(2): 295–312.
- Furin, J., Cox, H. & Pai, M. 2019. Tuberculosis. *The Lancet*, 393(10181): 1642–1656.
- Gafar, F., van't Boveneind-Vrubleuskaya, N., Akkerman, O.W., Wilffert, B. & Alffenaar, J.W.C. 2019. Nationwide analysis of treatment outcomes in children and adolescents routinely treated for tuberculosis in the Netherlands. *Eur Respir J*, 54(6).
- Gaspar, R.S., Nunes, N., Nunes, M. & Rodrigues, V.P. 2016. Temporal analysis of reported cases of tuberculosis and of tuberculosis-HIV co-infection in Brazil between 2002 and 2012. *J Bras Pneumol*, 42(6): 416–422.
- Hamid, M., Brooks, M.B., Madhani, F., Ali, H., Naseer, M.J., Becerra, M. & Amanullah, F. 2019. Risk factors for unsuccessful tuberculosis treatment outcomes in children. *PLoS ONE*, 14(9).
- Hicks, R.M., Padayatchi, N., Shah, N.S., Wolf, A., Werner, L., Sunkari, V.B. & O'Donnell, M.R. 2014b. Malnutrition associated with unfavorable outcome and death among South African MDR-TB and HIV co-infected children. *Int J Tuberc Lung Dis*, 18(9): 1074–1079.
- Huynh, J., Abo, Y.N., du Preez, K., Solomons, R., Dooley, K.E. & Seddon, J.A. 2022. Tuberculous Meningitis in Children: Reducing the Burden of Death and Disability. *Pathogens*, 11(1).
- Jaganath, D. & Mupere, E. 2012. Childhood tuberculosis and malnutrition. *J Infect Dis*, 206(12): 1809–1815.



- Jain, A., Prakash, G., Singh, C., Lad, D., Khadwal, A., Suri, V., Malhotra, P., Kumari, S., Varma, N. & Varma, S. 2018. Analysis of Clinical Profile and Outcome of Tuberculosis in Patients with Acute Leukemia. *Indian J Hematol Blood Transfus*, 34(3): 430–442.
- Kementrian Kesehatan Republik Indoneisa. 2016. *Petunjuk teknis manajemen dan tatalaksana TB anak*. Jakarta: Direktorat Jenderal Pencegahan dan Pengendalian Penyakit.
- Khan, F.Y. 2019. Review of literature on disseminated tuberculosis with emphasis on the focused diagnostic workup. *J Family and Community Med*, 26(2): 83–91.
- Laghari, M., Sulaiman, S.A.S., Khan, A.H. & Memon, N. 2019. A prospective study of socio-demographic, clinical characteristics and treatment outcomes of children with tuberculosis in Sindh, Pakistan. *BMC Infect Dis*, 19(1): 1–11.
- Laghari, M., Talpur, B.A., Silauman, S.A., Khan, A.H. & Bhatti, Z. 2020. Adverse Drug Reactions of Anti-Tuberculosis Treatment among Children with Tuberculosis. *Int J Mycobacteriol*, 9: 281–288.
- Laghari, M., Talpur, B.A., Sulaiman, S.A.S., Khan, A.H. & Bhatti, Z. 2021. Assessment of adherence to anti-tuberculosis treatment and predictors for non-adherence among the caregivers of children with tuberculosis. *Trans R Soc Trop Med Hyg*, 115(8): 904–913.
- Lancella, L., Galli, L., Chiappini, E., Montagnani, C., Gabiano, C., Garazzino, S., Principi, N., Tadolini, M., Matteelli, A., Battista Migliori, G., Villani, A., de Martino, M. & Esposito, S. 2016. Recommendations Concerning the Therapeutic Approach to Immunocompromised Children with Tuberculosis. *Clin Ther*, 38(1): 180–190.
- Laycock, K.M., Enane, L.A. & Steenhoff, A.P. 2021. Tuberculosis in adolescents and young adults: Emerging data on tb transmission and prevention among vulnerable young people. *Trop Med Infect Dis*, 6(3).
- Lewinsohn, D.M., Leonard, M.K., Lobue, P.A., Cohn, D.L., Daley, C.L., Desmond, E., Keane, J., Lewinsohn, D.A., Loeffler, A.M., Mazurek, G.H., O'Brien, R.J., Pai, M., Richeldi, L., Salfinger, M., Shinnick, T.M., Sterling, T.R., Warshauer,



- D.M. & Woods, G.L. 2017. Official American Thoracic Society/Infectious Diseases Society of America/Centers for Disease Control and Prevention Clinical Practice Guidelines: Diagnosis of Tuberculosis in Adults and Children. *Clinical Infectious Diseases*, 64(2): e1–e33.
- Lolekha, R., Anuwatnonthakate, A., Nateniyom, S., Sumnapun, S., Yamada, N., Wattanaamornkiat, W., Sattayawuthipong, W., Charusuntonsri, P., Sanguanwongse, N., Wells, C.D. & Varma, J.K. 2008. Childhood TB epidemiology and treatment outcomes in Thailand: A TB active surveillance network, 2004 to 2006. *BMC Infect Dis*, 8(94): 1–9.
- Marais, B.J. 2011. Childhood tuberculosis: Epidemiology and natural history of disease. *Indian J Pediatr*, 78(3): 321–327.
- Marais, B.J. & Schaaf, H.S. 2014. Tuberculosis in children. *Cold Spring Harb Perspect Med*, 4(9).
- Margarit, A., Simó, S., Rozas, L., Deyà-Martínez, À., Barrabeig, I., Gené, A., Fortuny, C. & Noguera-Julian, A. 2017. Adolescent tuberculosis: A challenge and opportunity to prevent community transmission. *An Pediatr*, 86(3): 110–114.
- Marquez, C., Atukunda, M., Balzer, L.B., Chamie, G., Kironde, J., Ssemmondo, E., Ruel, T.D., Mwangwa, F., Tram, K.H., Clark, T.D., Kwarisiima, D., Petersen, M., Kanya, M.R., Charlebois, E.D. & Havlir, D. v. 2020a. The age-specific burden and household and school-based predictors of child and adolescent tuberculosis infection in rural Uganda. *PLoS ONE*, 15(1).
- Milburn, H., Ashman, N., Davies, P., Doffman, S., Drobniewski, F., Khoo, S., Ormerod, P., Ostermann, M. & Snelson, C. 2010. Guidelines for the prevention and management of Mycobacterium tuberculosis infection and disease in adult patients with chronic kidney disease. *Thorax*, 65(6): 559–570.
- Moon, T.D., Nacarapa, E., Verdu, M.E., Macuacua, S., Mugabe, D., Gong, W., Garlucci, J.G., Ramos, J.M. & Valverde, E. 2019. Tuberculosis Treatment Outcomes Among Children in Rural Southern Mozambique: A 12-Year Retrospective Study. *Pediatr Infect Diss*, 38(10): 999–1004.



- Mulongeni, P., Hermans, S., Caldwell, J., Bekker, L.G., Wood, R. & Kaplan, R. 2019. HIV prevalence and determinants of loss-to-follow-up in adolescents and young adults with tuberculosis in Cape Town. *PLoS ONE*, 14(2).
- Mutare, B.N., Keraka, M.N., Kimuu, P.K., Kabiru, E.W., Ombeka, V.O. & Oguya, F. 2011. Factors associated with default from treatment among tuberculosis patients in nairobi province, Kenya: A case control study. *BMC Public Health*, 11.
- Naidu, G., Izu, A., Madimabe, M.R., Poyiadjis, S., MacKinnon, D., Rowe, B. & Madhi, S.A. 2020. Burden of tuberculosis in South African children during treatment for underlying malignancies: A single-center experience in Johannesburg. *Pediatr Infect Dis J*, 39(12): 1111–1115.
- Ohene, S.A., Fordah, S. & dela Boni, P. 2019. Childhood tuberculosis and treatment outcomes in Accra: A retrospective analysis. *BMC Infect Dis*, 19(749).
- de Oliveira, M.C.B., Sant'Anna, C.C., Luiz, R.R. & Kritski, A.L. 2020. Unfavorable outcomes in tuberculosis: Multidimensional factors among adolescents in Rio de Janeiro, Brazil. *Am J Trop Med Hyg*, 103(6): 2492–2500.
- Oshikoya, K.A., Sammons, H.M. & Choonara, I. 2010. A systematic review of pharmacokinetics studies in children with protein-energy malnutrition. *Eur J Clin Pharmacol*, 66(10): 1025–1035.
- Oshikoya, K.A. & Senbanjo, I.O. 2018. Caution when treating tuberculosis in malnourished children. *Arc Dis Child*, 103(12): 1101–1103.
- Park, D.W., Chung, S.J., Yeo, Y., Park, T.S., Lee, H., Moon, J.Y., Kim, S.H., Kim, T.H., Yoon, H.J. & Sohn, J.W. 2019. Therapeutic issues with, and long-term outcomes of, pulmonary mycobacterial tuberculosis treatment in patients with autoimmune rheumatic diseases. *J Thoracic Dis*, 11(11): 4573–4582.
- Petty, R.E. 2011. Pediatric Rheumatology: The Study of Rheumatic Diseases in Childhood and Adolescence. In *Textbook of Pediatric Rheumatology*. Philadelphia: Elsevier: 1–4.
- de Pontual, L., Balu, L., Ovetchkine, P., Maury-Tisseron, B., Lachassinne, E., Cruaud, P., Jeantils, V., Valeyre, D., Fain, O. & Gaudelus, J. 2006.



- Tuberculosis in adolescents: A French retrospective study of 52 cases. *Pediatr Infect Dis J*, 25(10): 930–932.
- Prabu, V.N.N. & Agrawal, S. 2010. Systemic lupus erythematosus and tuberculosis: A review of complex interactions of complicated diseases. *J Postgrad Med*, 56(3): 244–250.
- Reif, L. K., Rivera, V., Bertrand, R., Rouzier, V., Kutscher, E., Walsh, K., Charles, B., Pape, J.W., Fitzgerald, D.W., Koenig, S.P. & McNairy, M.L. 2018. Outcomes across the tuberculosis care continuum among adolescents in Haiti. *Public Health Action*, 8(3): 103–109.
- Sant’anna, C.C., Schmidt, C.M., de Fátima, M., March, P., Pereira, S.M. & Lima Barreto, M. 2011. Radiologic findings of pulmonary tuberculosis in adolescents. *Braz J Infect Dis*, 15(1): 40–44.
- Seddon, J.A., Chiang, S.S., Esmail, H. & Coussens, A.K. 2018. The wonder years: What can primary school children teach us about immunity to mycobacterium tuberculosis? *Front Immunol*, 9(2946).
- Shen, T.C., Lin, C.L., Wei, C.C., Liao, W.C., Chen, W.C., Chen, C.H., Tu, C.Y., Hsia, T.C., Shih, C.M., Hsu, W.H., Li, C.H. & Sung, F.C. 2014a. Increased risk of tuberculosis in patients with type 1 diabetes mellitus: Results from a population-based cohort study in Taiwan. *Medicine (United States)*, 93(16): e96.
- Sjarif, D.R. 2014. Prinsip Asuhan Nutrisi pada Anak . In *Buku Ajar Nutrisi Pediatrik dan Penyakit Metabolik* . Jakarta: Ikatan Dokter Anak Indonesia: 38–49.
- Snow, K., Hesselning, A.C., Naidoo, P., Graham, S.M., Denholm, J. & du Preez, K. 2017. Tuberculosis in adolescents and young adults: Epidemiology and treatment outcomes in the Western Cape. *Int J Tuberc Lung Dis*, 21(6): 651–656.
- Snow, K.J., Cruz, A.T., Seddon, J.A., Ferrand, R.A., Chiang, S.S., Hughes, J.A., Kampmann, B., Graham, S.M., Dodd, P.J., Houben, R.M., Denholm, J.T., Sawyer, S.M. & Kranzer, K. 2020. Adolescent tuberculosis. *Lancet Child Adolesc Health*, 4(1): 68–79.



- Snow, K.J., Sismanidis, C., Denholm, J., Sawyer, S.M. & Graham, S.M. 2018. The incidence of tuberculosis among adolescents and young adults: A global estimate. *Eur Respir J*, 51(2).
- Sullivan, B.J., Esmaili, B.E. & Cunningham, C.K. 2017a. Barriers to initiating tuberculosis treatment in sub-Saharan Africa: A systematic review focused on children and youth. *Global Health Action*, 10(1).
- Tedla, K., Medhin, G., Berhe, G., Mulugeta, A. & Berhe, N. 2021. Delay to initiate treatment is associated with unsuccessful treatment outcome among new pulmonary tuberculosis patients in Tigray, Northern Ethiopia- a follow up study. *Res Square*.
- Thomas, T.A. 2017. Tuberculosis in children. *Pediatr Clin North Am*, 64(4): 893–090.
- Tilahun, G. & Gebre-Selassie, S. 2016. Treatment outcomes of childhood tuberculosis in Addis Ababa: A five-year retrospective analysis. *BMC Public Health*, 16(1).
- United Nations. 2019. *World Population Prospects 2019 Highlights*.
- Webb, E.A., Hesselning, † A C, Schaaf, H.S., Gie, R.P., Lombard, C.J., Spitaels, A., Delport, S., Marais, B.J., Donald, K., Hindmarsh, P. & Beyers, N. 2009. *High prevalence of Mycobacterium tuberculosis infection and disease in children and adolescents with type 1 diabetes mellitus*.
- Wiegering, V., Schlegel, P.-G. & Winkler, B. 2012. Immune Function in Newly Diagnosed Children With Malignancy. *J Pediatr Hematol Oncol*, 34(7).
- Wobudeya, E., Jaganath, D., Sekadde, M.P., Nsangi, B., Haq, H. & Cattamanchi, A. 2019. Outcomes of empiric treatment for pediatric tuberculosis, Kampala, Uganda, 2010-2015. *BMC Public Health*, 19(1).
- World Health Organization. 2015. *Framework for implementation Active tuberculosis drug-safety monitoring and management (aDSM)*. Geneva: World Health Organization.
- World Health Organization. 2020. *Global Tuberculosis Report 2020*. Geneva. <https://apps.who.int/iris/bitstream/handle/10665/336069/9789240013131-eng.pdf>.



World Health Organization. 2021. *Global Tuberculosis Report 2021*.

<http://apps.who.int/bookorders>.

World Health Organization. 2016. *Guidance for national tuberculosis programmes on the management of tuberculosis in children*. 2nd ed. Geneva: World Health Organization.

World Health Organization. 2022. *Module 5: Management of tuberculosis in children and adolescents, WHO operational handbook on tuberculosis*. Geneva: World Health Organization.