



## **DAFTAR PUSTAKA**

- Ahmed, N.M., & Flynn, P.M., 2022. Fever in children with chemotherapy-induced neutropenia. *UpToDate* 1–45.
- Alam, M.M., Qamar, F.N., Khan, Z.W., Kumar, V., Mushtaq, N., & Fadoo, Z., 2014. Risk factors for complicated varicella infection in pediatric oncology patients at a tertiary health care facility in Pakistan. *J. Infect. Dev. Ctries.* 8: 215–220.  
doi:10.3855/jidc.3106
- Albrecht, A.M.A., 2023. Epidemiology of varicella-zoster virus infection : Chickenpox 1–10.
- Alhammadi, N.A., Gladman, D.D., Su, J., & Urowitz, M.B., 2023. Isolated Neutropenia in Systemic Lupus Erythematosus. *J. Rheumatol.* 50: 459–460.  
doi:10.3899/jrheum.220373
- Apuleni, G., Jacobs, C., & Musonda, P., 2021. Predictors of Health Seeking Behaviours for Common Childhood Illnesses in Poor Resource Settings in Zambia, A Community Cross Sectional Study. *Front. Public Heal.* 9: 1–9.  
doi:10.3389/fpubh.2021.569569
- Australian Institute of Health and Welfare, 2019. The burden of vaccine preventable diseases in Australia, Infocus.
- Bellete, M., Boke, M.M., & Yenit, M.K., 2021. Child Caregiver's healthcare seeking behavior and its determinants for common childhood illnesses in Addis Ababa, Ethiopia: a community-based study. *Ital. J. Pediatr.* 47: 1–8.  
doi:10.1186/s13052-021-01049-w
- Beyond, M., 2021. Mechanisms Beyond 1–18.
- Bozzola, E., Gattinara, G.C., Bozzola, M., Mirante, N., Masci, M., Rossetti, C., et al., 2017. Varicella associated pneumoniae in a pediatric population. *Ital. J. Pediatr.* 43: 1–4. doi:10.1186/s13052-017-0366-8
- Brown, A.E.C., Asturias, E.J., Melgar, M., Antillon-Klussmann, F.A., Mettler, P., & Levin, M.J., 2016. Incidence and consequences of varicella in children treated for cancer in Guatemala. *World J. Pediatr.* 12: 320–326. doi:10.1007/s12519-016-0025-y
- Chaves, S.S., Zhang, J., Civen, R., Watson, B.M., Carballo, T., Perella, D., et al., 2008. Varicella disease among vaccinated persons: Clinical and epidemiological



- characteristics, 1997-2005. *J. Infect. Dis.* 197: 127–131. doi:10.1086/522150
- Cohen, R.L., Murray, J., Jack, S., Arscott-Mills, S., & Verardi, V., 2017. Impact of multisectoral health determinants on child mortality 1980–2010: An analysis by country baseline mortality. *PLoS One* 12: 1–16. doi:10.1371/journal.pone.0188762
- Escaño-gallardo, A.E.T., Bravo, L.C., & Escaño-gallardo, E.T., 2011. VARICELLA IN IMMUNOCOMPROMISED CHILDREN AT THE PHILIPPINE GENERAL HOSPITAL : A SIX-YEAR REVIEW Downloaded from www.pidsphil.org 12.
- Fraisson, A., Geva, T., Gaudart, J., & Wessel, D.L., 2004. Doppler echocardiographic predictors of outcome in newborns with persistent pulmonary hypertension. *Cardiol. Young* 277–283.
- Freer, G., & Pistello, M., 2018. Varicella-zoster virus infection: Natural history, clinical manifestations, immunity and current and future vaccination strategies. *New Microbiol.* 41: 95–105.
- Georgountzou, A., & Papadopoulos, N.G., 2017. Postnatal innate immune development: From birth to adulthood. *Front. Immunol.* 8: 1–16. doi:10.3389/fimmu.2017.00957
- Goh, A.E.N., Choi, E.H., Chokephaibulkit, K., Choudhury, J., Kuter, B., Lee, P.I., et al., 2019. Burden of varicella in the Asia-Pacific region: a systematic literature review. *Expert Rev. Vaccines* 18: 475–493. doi:10.1080/14760584.2019.1594781
- Gowin, E., Wysocki, J., & Michalak, M., 2013. Don't forget how severe varicella can be-complications of varicella in children in a defined Polish population. *Int. J. Infect. Dis.* 17: e485–e489. doi:10.1016/j.ijid.2012.11.024
- Heimall, J., 2022. Official reprint from UpToDate The adaptive cellular immune response: T cells and cytokines 1–47.
- Hussain, M., Amin, M.N., & Islam, M.R., 2021. Role of Climatic Conditions on the Incidence of Varicella in an Out-patient Clinic of a Tertiary Care Pediatric Hospital at Dhaka. *Ibrahim Card. Med. J.* 10: 11–17. doi:10.3329/icmj.v10i1-2.53998
- Katiyar, R., Ahmed, N., Singh, J.V., & Singh, V.K., 2017. Gender difference in health seeking behaviour among mothers of under five children in Lucknow. *Int. J. Community Med. Public Heal.* 5: 272. doi:10.18203/2394-



6040.ijcmph20175796

Kennedy, P.G.E., & Gershon, A.A., 2018. Clinical features of varicella-zoster virus infection. *Viruses* 10: 1–17. doi:10.3390/v10110609

Kim, Seul Ki, Kim, M.C., Han, S.B., Kim, Seong Koo, Lee, J.W., Chung, N.G., et al., 2016. Clinical characteristics and outcomes of varicella zoster virus infection in children with hematologic malignancies in the acyclovir era. *Blood Res.* 51: 249–255. doi:10.5045/br.2016.51.4.249

Klein, S.L., & Flanagan, K.L., 2016. Sex differences in immune responses. *Nat. Rev. Immunol.* 16: 626–638. doi:10.1038/nri.2016.90

Kosasih, D.M., Adam, S., Uchida, M., Yamazaki, C., Koyama, H., & Hamazaki, K., 2022. Determinant factors behind changes in health-seeking behaviour before and after implementation of universal health coverage in Indonesia. *BMC Public Health* 22. doi:10.1186/s12889-022-13142-8

Ku, C.-C., Padilla, J.A., Grose, C., Butcher, E.C., & Arvin, A.M., 2002. Tropism of Varicella-Zoster Virus for Human Tonsillar CD4 + T Lymphocytes That Express Activation, Memory, and Skin Homing Markers . *J. Virol.* 76: 11425–11433. doi:10.1128/jvi.76.22.11425-11433.2002

Lederman, H.M., 2016. Approach to the Child with Recurrent Infections Including Molecular Diagnostics. *Pediatr. Allergy Princ. Pract. Third Ed.* 63-70.e1. doi:10.1016/B978-0-323-29875-9.00007-0

Manistarski, M., Levin, D., Dvir, R., Berger-Achituv, S., Keidar, H.R., Grisaru-Soen, G., et al., 2018. Lessons From an Outbreak of Varicella Infection in Pediatric Hemato-oncology Patients. *Pediatr. Infect. Dis. J.* 37: 649–653. doi:10.1097/INF.0000000000001920

Marin, M., Zhang, J.X., & Seward, J.F., 2011. Near elimination of varicella deaths in the US after implementation of the vaccination program. *Pediatrics* 128: 214–220. doi:10.1542/peds.2010-3385

Matsuzaki, A., Suminoe, A., Koga, Y., Kusuhara, K., Hara, Takuya, Ogata, R., et al., 2008. Fatal visceral varicella-zoster virus infection without skin involvement in a child with acute lymphoblastic leukemia. *Pediatr. Hematol. Oncol.* 25: 237–242. doi:10.1080/08880010801938215

Muenchhoff, M., & Goulder, P.J.R., 2014. Sex differences in pediatric infectious diseases. *J. Infect. Dis.* 209. doi:10.1093/infdis/jiu232



- Murata, K., Hoshina, T., Onoyama, S., Tanaka, T., Kanno, S., Ishimura, M., et al., 2020. Reduction in the number of varicella-zoster virus-specifit-cells in immunocompromised children with varicella. *Tohoku J. Exp. Med.* 250: 181–190. doi:10.1620/tjem.250.181
- Nakwan, N., Jain, S., Kumar, K., Hosono, S., Hammoud, M., Elsayed, Y.Y., et al., 2020. An Asian multicenter retrospective study on persistent pulmonary hypertension of the newborn: incidence, etiology, diagnosis, treatment and outcome. *J. Matern. Neonatal Med.* 33: 2032–2037. doi:10.1080/14767058.2018.1536740
- Nooh, H.A., Abdellateif, M.S., Refaat, L., Kandeel, E.Z., Bayoumi, A., Samra, M., et al., 2022. The role of inflammatory indices in the outcome of COVID-19 cancer patients. *Med. Oncol.* 39: 1–14. doi:10.1007/s12032-021-01605-8
- Oh, S.H., Choi, E.H., Shin, S.H., Kim, Y.K., Chang, J.K., Choi, K.M., et al., 2014. Varicella and varicella vaccination in South Korea. *Clin. Vaccine Immunol.* 21: 762–768. doi:10.1128/CVI.00645-13
- Peterson, A.L., Deatsman, S., Frommelt, M.A., Mussatto, K., & Frommelt, P.C., 2009. Correlation of echocardiographic markers and therapy in persistent pulmonary hypertension of the newborn. *Pediatr. Cardiol.* 30: 160–165. doi:10.1007/s00246-008-9303-3
- Reserved, A.R., & Newburger, P., 2021. Infectious causes of neutropenia 1–24.
- Reynolds, E.W., Ellington, J.G., Vranicar, M., & Bada, H.S., 2004. Brain-type natriuretic peptide in the diagnosis and management of persistent pulmonary hypertension of the newborn. *Pediatrics* 114: 1297–1304. doi:10.1542/peds.2004-0525
- Richard, A., Editor, S., Stiehm, R., Versus, I., Immunity, A., Detection, M., et al., 2014. An overview of the innate immune system An overview of the innate immune system 4: 1–13.
- Rieck, T., Feig, M., an der Heiden, M., Siedler, A., & Wichmann, O., 2017. Assessing varicella vaccine effectiveness and its influencing factors using health insurance claims data, Germany, 2006 to 2015. *Eurosurveillance* 22: 1–10. doi:10.2807/1560-7917.ES.2017.22.17.30521
- Riera-Montes, M., Bollaerts, K., Heininger, U., Hens, N., Gabutti, G., Gil, A., et al., 2017. Estimation of the burden of varicella in Europe before the introduction of universal childhood immunization. *BMC Infect. Dis.* 17: 1–16. doi:10.1186/s12879-017-2445-2



- Rondaan, C., De Haan, A., Horst, G., Hempel, J.C., Van Leer, C., Bos, N.A., et al., 2014. Altered cellular and humoral immunity to varicella-zoster virus in patients with autoimmune diseases. *Arthritis Rheumatol.* 66: 3122–3128. doi:10.1002/art.38804
- Sandsaunet, V., Id, U., Czajkowski, N.O., Kraft, B., Kraft, P., Wikenius, E., et al., 2019. Are unpopular children more likely to get sick ? Longitudinal links between popularity and infectious diseases in early childhood 1–14. doi:10.1371/journal.pone.0222222
- Shamriz, O., Ben-Ami, R., Averbuch, D., & Reif, S., 2020. Low complication rate in immunocompromised children with varicella-zoster virus infections in a single centre. *Acta Paediatr. Int. J. Paediatr.* 109: 1409–1416. doi:10.1111/apa.15118
- Shrestha, N.K., Burke, P.C., Nowacki, A.S., Terpeluk, P., & Gordon, S.M., 2022. ce pt e d an us cr ip t Ac ce pt e us cr t 1–22.
- Sim, J.H., Moon, Y.J., Kim, S.H., Kim, K.S., Lee, J.S., Song, J.G., et al., 2021. Association between neutrophil-lymphocyte ratio and herpes zoster infection in 1688 living donor liver transplantation recipients at a large single center. *Biomedicines* 9. doi:10.3390/biomedicines9080963
- Soedjatmiko, S., Sitaresmi, M.N., Hadinegoro, S.R.S., Kartasasmita, C.B., Moedjito, I., Rusmil, K., et al., 2020. Satgas Imunisasi PP IDAL, Panduan imunisasi anak. *Pandu. imunisasi anak* 22: 252.
- Song, M., Graubard, B.I., Rabkin, C.S., & Engels, E.A., 2021. Neutrophil-to-lymphocyte ratio and mortality in the United States general population. *Sci. Rep.* 11: 1–9. doi:10.1038/s41598-020-79431-7
- States, M., Stra-, W.H.O., Group, A., & Grade, T., 2014. Weekly epidemiological record Relevé épidémiologique hebdomadaire 265–288.
- United Nations, Department of Economic and Social Affairs, Population Division (2011). *Sex Differentials in Childhood Mortality* (United Nations publication, ST/ESA/SER.A/314)
- Varela, F.H., Pinto, L.A., & Scotta, M.C., 2019. Global impact of varicella vaccination programs. *Hum. Vaccines Immunother.* 15: 645–657. doi:10.1080/21645515.2018.1546525
- Vergou, T., 2015. Varicella. *Eur. Handb. Dermatological Treat. Third Ed.* 368: 1005–1008. doi:10.1007/978-3-662-45139-7\_102



- Vermont, C.L., Jol-van der Zijde, E.C.M., Hissink Muller, P., Ball, L.M., Bredius, R.G.M., Vossen, A.C., et al., 2014. Varicella zoster reactivation after hematopoietic stem cell transplant in children is strongly correlated with leukemia treatment and suppression of host T-lymphocyte immunity. *Transpl. Infect. Dis.* 16: 188–194. doi:10.1111/tid.12180
- Widjaja, H., Rusmawatiningsyas, D., Makrufardi, F., & Arguni, E., 2022. Neutrophil lymphocyte ratio as predictor of mortality in pediatric patients with bacterial meningitis: A retrospective cohort study. *Ann. Med. Surg.* 73: 103191. doi:10.1016/j.amsu.2021.103191
- Wiegering, V., Schick, J., Beer, M., Weissbrich, B., Gattenlöhner, S., Girschick, H.J., et al., 2011. Varicella-zoster virus infections in immunocompromised patients - a single centre 6-years analysis. *BMC Pediatr.* 11: 1–7. doi:10.1186/1471-2431-11-31
- Xiao, P., Cai, J., Gao, J., Gao, W., Guan, X., Leung, A.W.K., et al., 2022. A prospective multicenter study on varicella-zoster virus infection in children with acute lymphoblastic leukemia. *Front. Cell. Infect. Microbiol.* 12: 1–13. doi:10.3389/fcimb.2022.981220
- Xu, Y., Liu, Y., Zhang, Xiaoping, Zhang, Xuechao, Du, J., Cai, Y., et al., 2021. Epidemiology of varicella and effectiveness of varicella vaccine in Hangzhou, China, 2019. *Hum. Vaccines Immunother.* 17: 211–216. doi:10.1080/21645515.2020.1769395
- Zerboni, L., Sen, N., Oliver, S.L., & Arvin, A.M., 2014. Molecular mechanisms of varicella zoster virus pathogenesis. *Nat. Rev. Microbiol.* 12: 197–210. doi:10.1038/nrmicro3215
- Zhang, Z., Suo, L., Pan, J., Zhao, D., & Lu, L., 2021. Two-dose varicella vaccine effectiveness in China: a meta-analysis and evidence quality assessment. *BMC Infect. Dis.* 21: 1–9. doi:10.1186/s12879-021-06217-1
- Zhong, X., Ma, A., Zhang, Z., Liu, Y., & Liang, G., 2021. Neutrophil-to-lymphocyte ratio as a predictive marker for severe pediatric sepsis. *Transl. Pediatr.* 10: 657–665. doi:10.21037/TP-21-47