

DAFTAR PUSTAKA

- Abbas, A.K., Lichtman, A.H. dan Pillai, S. 2018. *Cellular and Molecular Immunology*. 9th ed. Philadelphia: Elsevier.
- ACOG (American College of Obstetricians and Gynecologists). 2020. Cytomegalovirus (CMV) in Pregnancy. [online] Diakses dari: <https://www.acog.org/clinical-information/physician-faqs/Cytomegalovirus-in-pregnancy> [Diakses 7 Mei 2025].
- Almatsier, S. 2016. Prinsip Dasar Ilmu Gizi. Jakarta: Gramedia Pustaka Utama.
- Baker, R.D. dan Greer, F.R. (2010) 'Diagnosis and prevention of iron deficiency and iron-deficiency anemia in infants and young children (0–3 years of age)', *Pediatrics*, 126(5), hlm. 1040–1050.
- Beltran, P.M.J. and Cristea, I.M. 2014. The life cycle and pathogenesis of human Cytomegalovirus infection: lessons from proteomics. *Expert Review of Proteomics*, 11(6), hlm. 697–711.
- Boeckh M, Ljungman P. 2009. How we treat cytomegalovirus in hematopoietic cell transplant recipients. *Blood*, 113(23), 5711–5719.
- Bonilla, F.A. and Geha, R.S. 2003. Primary immunodeficiency diseases. *Journal of Allergy and Clinical Immunology*, 111(2 Suppl), hlm. S571–S581.
- Boppana, S.B., Britt, W.J. and Fowler, K.B. 2013. Congenital Cytomegalovirus infection: clinical outcome. In: *Red Book: 2012 Report of the Committee on Infectious Diseases*. 29th ed. American Academy of Pediatrics, hlm. 276–281.
- Boppana, S.B., Ross, S.A. & Fowler, K.B. (2011). Congenital cytomegalovirus infection: clinical outcome. *Clinical Infectious Diseases*, 53(Suppl 3), S164–S174.
- Cannon, M.J., Hyde, T.B. and Schmid, D.S., *et al.* 2017. Review of cytomegalovirus seroprevalence and demographic characteristics associated with infection. *Reviews in Medical Virology*, 27(5), e1929.
- Centers for Disease Control and Prevention (CDC). 2000. CDC Growth Charts: United States. [online] Diakses dari: <https://www.cdc.gov/growthcharts/> [Diakses 7 Mei 2025].
- Centers for Disease Control and Prevention (CDC). 2009. Treating Opportunistic Infections Among HIV-Exposed and HIV-Infected Children. [online] Diakses dari: <https://www.cdc.gov/mmwr/preview/mmwrhtml/rr5314a1.htm> [Diakses 7 Mei 2025].
- Centers for Disease Control and Prevention (CDC). 2023. Altered Immunocompetence. [online] Diakses dari: <https://www.cdc.gov/vaccines/hcp/acip-recs/general-recs/immunocompetence.html> [Diakses 4 Juli 2025].
- Chiang, C.H., Huang, E.S. and Lee, C.Y. 2014. Congenital cytomegalovirus infection: a population-based study in Taiwan. *Pediatric Infectious Disease Journal*, 33(5), hlm. 463–468.

- Chou, S., Erice, A. and Jordan, M.C. 2014. Drug resistance in cytomegalovirus: molecular mechanisms and clinical implications. *Journal of Infectious Diseases*, 209(Suppl 3), hlm. S123–S130.
- Collier, A.C., Bozzette, S. and Coombs, R.W. 1990. A pilot study of low-dose zidovudine in human immunodeficiency virus infection. *New England Journal of Medicine*, 323(15), hlm. 1015–1021. <https://doi.org/10.1056/NEJM199010113231502>
- Common Terminology Criteria for Adverse Events (CTCAE). 2017. U.S. Department of Health and Human Services, National Institutes of Health, National Cancer Institute. Version 5.0. [online] Diakses dari: https://ctep.cancer.gov/protocoldevelopment/electronic_applications/docs/ctcae_v5_quick_reference_5x7.pdf [Diakses 11 Mei 2025].
- Dahle, A.J., Fowler, K.B., Wright, J.D., Boppana, S.B. and Britt, W.J. (2000) ‘Longitudinal investigation of hearing disorders in children with congenital cytomegalovirus’, *Journal of the American Academy of Audiology*, 11(5), pp. 283–290.
- Del Rosal, T., Baquero-Artigao, F. and Blázquez, D. 2012. Treatment of symptomatic congenital Cytomegalovirus infection with valganciclovir beyond the neonatal period: a retrospective case series. *Journal of Clinical Virology*, 55(1), hlm. 72–75.
- Dollard, S.C., Grosse, S.D. and Ross, D.S. 2007. New estimates of the prevalence of neurological and sensory sequelae and mortality associated with congenital cytomegalovirus infection. *Reviews in Medical Virology*, 17(5), hlm. 355–363.
- Dollard, S.C., Grosse, S.D. and Ross, D.S. 2017. Long-term outcomes of children with symptomatic congenital Cytomegalovirus disease. *Journal of Clinical Virology*, 86, hlm. 17–22.
- Fowler, K.B. and Boppana, S.B. (2018) ‘Congenital cytomegalovirus infection’, *Seminars in Perinatology*, 42(3), pp. 149–154
- Freeman, M.L., Shive, C.L. and Nguyen, T.P. 2016. Cytomegalovirus infection is associated with increased IL-15 and expansion of IL-15-responsive CD8+ T cells. *Journal of Infectious Diseases*, 214(2), hlm. 205–213.
- Gorzer, I., Kerschner, H., Jaksch, P., et al. (2010). Virus load dynamics of individual CMV genotypes in lung transplant recipients with mixed-genotype infections. *Journal of Clinical Virology*, 48(4), 285–290.
- Griffiths P. 2013. Pathogenesis of human cytomegalovirus in the immunocompromised host. *Nat Rev Microbiol*, 11(12), 784–798.
- Griffiths, P., Cinatl, J. and Cinatl, J. Jr. 2015. Human Cytomegalovirus: pathogenesis and host response. *Clinical Microbiology Reviews*, 28(3), hlm. 523–558.
- Griffiths, P.D., Baraniak, I. and Reeves, M.B. 2015. The pathogenesis of human cytomegalovirus. *Journal of Pathology*, 235(2), hlm. 288–297.
- Gupta, S. dan Sadhvi, B.S. 2020. Cytomegalovirus in pregnancy. *Journal of Fetal Medicine*, 7(1), hlm. 43–48.
- Hosmer, D.W., Lemeshow, S. and Sturdivant, R.X. (2013) *Applied Logistic Regression*. 3rd edn. Hoboken, NJ: John Wiley & Sons.

- Ibrahim, R.B., Shah, M. and Roshdy, A. 2019. Hematologic toxicity of antiviral therapies in transplant recipients: a comparative analysis and monitoring approach. *Clinical Drug Investigation*, 39(10), hlm. 913–925. <https://doi.org/10.1007/s40261-019-00820-w>
- IDAI (Ikatan Dokter Anak Indonesia). 2019. Konsensus diagnosis dan tatalaksana infeksi kongenital toksoplasma dan CMV. Kelompok Kerja Neuroinfeksi, UKK Neurologi.
- Kadambari, S., Luck, S. and Sharland, M. 2011. Evidence based management guidelines for the detection and treatment of congenital CMV. *Early Human Development*, 87(11), hlm. 723–728.
- Kamar, N., Garrouste, C., Haagsma, E.B., *et al.* (2010) ‘Factors associated with CMV infection in liver transplant recipients: a systematic review’, *Liver Transplantation*, 16(9), pp. 1049–1057.
- Kenneson, A. and Cannon, M.J. 2007. Review and meta-analysis of the epidemiology of congenital Cytomegalovirus infection. *Reviews in Medical Virology*, 17(4), hlm. 253–276.
- Kimberlin, D.W., Jester, P.M. dan Sánchez, P.J. *et al.* 2015. Valganciclovir for symptomatic congenital cytomegalovirus disease. *New England Journal of Medicine*, 372(10), hlm. 933–943.
- Kimberlin, D.W., Lin, C.Y. dan Sánchez, P.J. 2003. Effect of ganciclovir therapy on hearing in symptomatic congenital Cytomegalovirus disease involving the CNS. *Journal of Pediatrics*, 143(1), hlm. 16–25.
- Kliegman, R.M., St Geme, J., Blum, N.J., Shah, S.S. dan Tasker, R.C. (2020) *Nelson Textbook of Pediatrics*. Edisi ke-21. Philadelphia: Elsevier.
- Kotton, C.N., Kumar, D. dan Caliendo, A.M. *et al.* 2018. The Third International Consensus Guidelines on the management of cytomegalovirus in solid-organ transplantation. *Transplantation*, 102(6), hlm. 900–931.
- Kotton, C.N., Kumar, D., Caliendo, A.M., *et al.* (2018). The Third International Consensus Guidelines on the Management of Cytomegalovirus in Solid-organ Transplantation. *Transplantation*, 102(6), 900–931.
- Landry, M.L. & Ferguson, D. (2014). Comparison of quantitative PCR and antigenemia for detection of cytomegalovirus in blood. *Journal of Clinical Microbiology*, 52(10), 3411–3413.
- Lazzarotto, T., Varani, S., Guerra, B., *et al.* (2011). Prenatal diagnosis of congenital CMV infection: state of the art. *Journal of Clinical Virology*, 52(4), 245–249.
- Ljungman P. 2010. CMV infections after hematopoietic stem cell transplantation. *Bone Marrow Transplantation*, 45, 179–184.
- Lombardi, G., Garofoli, F. and Stronati, M. 2009. Oral valganciclovir therapy in symptomatic congenital cytomegalovirus infection. *Journal of Antimicrobial Chemotherapy*, 63(6), hlm. 1181–1184.
- Mahmud, M., Fatima, R. and Jamal, M. 2024. Efficacy and safety of valganciclovir in congenital CMV infection with isolated intrahepatic cholestasis. *Infectious Diseases in Clinical Practice*. [online] Diakses dari: <https://journals.lww.com/infectdis> [Diakses 5 Mei 2025].

- Male, D., Brostoff, J. and Roth, D.B. 2020. *Immunology*. 9th ed. Philadelphia: Elsevier.
- Mocarski, E.S., Shenk, T. and Griffiths, P.D. 2013. Cytomegaloviruses. In: Knipe, D.M. dan Howley, P.M. (eds). *Fields Virology*. 6th ed. Philadelphia: Lippincott Williams & Wilkins, hlm. 1960–2014.
- Morishima, T., Kimura, H. and Kojima, S. 2009. A low-dose valganciclovir regimen for cytomegalovirus prophylaxis after pediatric hematopoietic stem cell transplantation. *Journal of Infection and Chemotherapy*, 15(6), hlm. 365–370. <https://doi.org/10.1007/s10156-009-0757-5>
- National Cancer Institute. *Common Terminology Criteria for Adverse Events (CTCAE) v5.0*. 2017.
- National Institutes of Health (NIH). 2023. Cytomegalovirus. Pediatric HIV Guidelines. [online] Diakses dari: <https://clinicalinfo.hiv.gov> [Diakses 4 Juli 2025].
- Pappo, O., Ziv, N., Amir, J., *et al.* (2019) ‘Efficacy and safety of a weight-based dosing regimen of valganciclovir for cytomegalovirus prophylaxis in pediatric solid-organ transplant recipients’, *Transplantation*, 103(5), pp. 1029–1036. doi:10.1097/TP.0000000000002439.
- Pardo, D.E., Li, W., Khan, M.J. and Ahmad, N. 2023. Role of valganciclovir in children with congenital CMV infection: a review. *Children*, 10(3), hlm. 346.
- Pata, D., Buonsenso, D., Turriziani-Colonna, A., *et al.* 2023. Role of valganciclovir in children with congenital cytomegalovirus infection: a review. *Children*, 10(7), hlm. 1246.
- Permatasari, R.K., Triono, A. dan Arguni, E. 2021. Profil klinis dan laboratoris infeksi sitomegalovirus kongenital di RS Sardjito. *Sari Pediatri*, 22(5), hlm. 297–303.
- Rawlinson, W.D., Boppana, S.B. dan Fowler, K.B., *et al.* 2017. Congenital cytomegalovirus infection in pregnancy and the neonate: consensus recommendations for prevention, diagnosis, and therapy. *Lancet Infectious Diseases*, 17(6), e177–e188.
- Rawlinson, W.D., Boppana, S.B., Fowler, K.B., *et al.* (2017). Congenital cytomegalovirus infection in pregnancy and the neonate: consensus recommendations for prevention, diagnosis, and therapy. *Lancet Infectious Diseases*, 17(6), e177–e188.
- Revello, M.G. & Gerna, G. (2002). Diagnosis and management of human cytomegalovirus infection in the mother, fetus, and newborn infant. *Clinical Microbiology Reviews*, 15(4), 680–715.
- Sakamoto, Y., Koyano, S. dan Sunagawa, T., *et al.* 2013. Seroprevalence of Cytomegalovirus infection among pregnant women and their infants in Japan. *Pediatrics International*, 55(4), hlm. 474–479.
- Schleiss, M.R. 2013. Congenital Cytomegalovirus infection: update on management strategies. *Current Treatment Options in Neurology*, 15(3), hlm. 362–374.

- Schottstedt, V., Blümel, J. and Burger, R. 2010. Human Cytomegalovirus (HCMV) – a clinically and transfusion relevant virus. *Transfusion Medicine and Hemotherapy*, 37(6), hlm. 365–382.
- Shang, Y., Chen, D. Li, M. 2024. Mechanisms of Cytomegalovirus-induced hematologic toxicity: a review. *Hematology Reports*, 16(1), hlm. 12–18.
- Suparyanto, S. dan Sitaresmi, M.N. 2018. Status gizi sebagai faktor risiko mortalitas anak dengan leukemia dan infeksi berat. *Paediatrica Indonesiana*, 58(5), hlm. 243–250.
- Swanson, E.C. and Schleiss, M.R. 2013. Congenital Cytomegalovirus infection: new prospects for prevention and therapy. *Pediatric Clinics of North America*, 60(2), hlm. 335–349.
- Takahata, Y., Hara, S. dan Akiyama, M., *et al.* 2015. Hematologic adverse effects of valganciclovir therapy in children after organ transplantation. *Transplantation Proceedings*, 47(6), hlm. 1897–1901.
- Tomblyn, M., Chiller, T. dan Einsele, H., *et al.* 2009. Guidelines for preventing infectious complications among hematopoietic cell transplantation recipients: a global perspective. *Biology of Blood and Marrow Transplantation*, 15(10), hlm. 1143–1238.
- Torii, Y., Yoshida, N., Yamada, H., *et al.* (2023) ‘Correlation of cytomegalovirus viral load between whole blood and plasma of congenital CMV infection under valganciclovir treatment: a multicenter prospective study’, *BMC Infectious Diseases*, 23, 91. doi:10.1186/s12879-023-07995-6.
- Triono, A., Riyadi, Y. Nugroho, P. 2020. Luaran terapi ganciclovir dan/atau valganciclovir pada pasien infeksi Cytomegalovirus di RS Sardjito Yogyakarta. *Sari Pediatri*, 22(1), hlm. 1–6.
- UpToDate. 2024. Overview of Cytomegalovirus (CMV) Infections in Children. Wolters Kluwer. [online] Diakses dari: <https://www.uptodate.com> [Diakses 4 Mei 2025].
- Victora, C.G., Adair, L.S. dan Fall, C.H.D., *et al.* 2008. Maternal and child undernutrition: consequences for adult health and human capital. *Lancet*, 371(9609), hlm. 340–357.
- Wagner, J.E., Barker, J.N. dan Defor, T.E. *et al.* 2010. Transplant outcomes in high-risk patients with CMV infection. *Blood*, 115(6), hlm. 1238–1246.
- Wiener, L., Viola, A. dan Korelitz, K. 2014. Hemoglobin drop as an early indicator of bone marrow suppression during antiviral therapy in pediatric transplant patients. *Pediatric Hematology and Oncology*, 31(6), hlm. 550–558. <https://doi.org/10.3109/08880018.2014.886201>
- World Health Organization (2011) Haemoglobin concentrations for the diagnosis of anaemia and assessment of severity. Geneva: WHO
- World Health Organization (WHO). 2006. WHO Child Growth Standards: Length/height-for-age, weight-for-age, weight-for-length, weight-for-height and body mass index-for-age: Methods and development. Geneva: World Health Organization. [online] Diakses dari: <https://www.who.int/publications/i/item/924154693X> [Diakses 7 Mei 2025].

- World Health Organization (WHO). 2010. Gender and Genetics. [online] Geneva: WHO. Diakses dari: <https://www.who.int/genomics/gender/en/index1.html> [Diakses 7 Mei 2025].
- World Health Organization (WHO). 2019. Deafness and hearing loss in children. [online] Diakses dari: <https://www.who.int/news-room/fact-sheets/detail/deafness-and-hearing-loss> [Diakses 5 Mei 2025].
- World Health Organization dan UNICEF. 2019. Levels and trends in child malnutrition: key findings of the 2019 edition. Geneva: WHO.
- World Health Organization. 2013. Guideline: Updates on the management of severe acute malnutrition in infants and children. Geneva: WHO.
- Yurochko, A.D., Hwang, E.S. dan Rasmussen, L. 1999. The human Cytomegalovirus UL55-encoded glycoprotein B is a potent inducer of interleukin-6 gene expression in endothelial cells. *Journal of Virology*, 73(9), hlm. 7038–7044.
- Ziv, L., Oleske, J.M., Patel, S.J. 2018. Hematologic adverse events associated with prolonged valganciclovir treatment in congenital Cytomegalovirus infection. *Pediatric Infectious Disease Journal*, 37(6), hlm. 556–560.
- Zuylen, W.J., Hamilton, S.T. dan Hall, B.M. 2014. Congenital Cytomegalovirus infection: clinical presentation, epidemiology, diagnosis and prevention. *Obstetric Medicine*, 7(4), hlm. 140–146.