



## DAFTAR PUSTAKA

- Angele, M.K., Pratschke, S., Hubbard, W.J., Chaudry, I.H. 2014. Gender differences in sepsis, cardiovascular and immunological aspects. *Landes Biosci*, 5(1): 12–19.
- Angus, D.C., Poll, T. Van Der. 2013. Severe sepsis and septic shock. *N Engl J Med*, 369(9): 840–851.
- Balamuth, F., Weiss, S.L., Neuman, M.I., Brady, P.W., Paul, R., Farris, R.W.D. et al. 2014. Pediatric severe sepsis in US children's hospitals. *Pediatr Crit Care Med*, 15(9): 798–805.
- Boeddha, N.P., Schlapbach, L.J., Driessen, G.J., Herberg, J.A., Rivero-calle, I. 2018. Mortality and morbidity in community- acquired sepsis in European pediatric intensive care units : a prospective cohort study from the European Childhood Life-threatening Infectious Disease Study (EUCLIDS). *Crit Care*, 22(143): 1–13.
- Chelazzi, C., Villa, G., Mancinelli, P., De Gaudio, A.R., Adembri, C. 2015. Glycocalyx and sepsis-induced alterations in vascular permeability. *Crit Care*, 19(26): 1–7.
- Chen, J., Li, X., Bai, Z., Fang, F., Hua, J., Li, Y., Pan, J. et al. 2016. Association of fluid accumulation with clinical outcomes in critically ill children with severe sepsis. *PLoS One*, 11(7): 1–17.
- Chisti, M.J., Salam, M.A., Bardhan, P.K., Faruque, A.S., Shahid, A.S., Shahunja, K. et al. 2015. Severe Sepsis in Severely Malnourished Young Bangladeshi Children with Pneumonia : A Retrospective Case Control Study. *PLoS One*: 1–10.
- Cohen, J., Cristofaro, P., Carlet, J., Opal, S. 2004. New method of classifying infections in critically ill patients. *Crit Care Med*, 32(7): 1510–1526.
- Dolly, V., Echandia, C.A. 2010. Factors associated with mortality through sepsis syndrome in children 31 days to 14 years of age. Hospital Universitario del Valle , Cali. *Colomb Med*, 41: 349–357.
- El-wiher, N., Cornell, T.T., Kissoon, N., Shanley, T.P. 2011. Management and treatment guidelines for sepsis in pediatric patients. *Open Inflamm J*, 7(4): 1–11.
- Faranita, T., Trisnawati, Y., Lubis, M. 2016. Gangguan koagulasi pada sepsis. *Sari Pediatr*, 13(3): 226–232.
- Gillespie, R.S., Seidel, K., Symons, J.M. 2004. Effect of fluid overload and dose of replacement fluid on survival in hemofiltration. *Pediatr Nephrol*, 19: 1394–1399.
- Goldstein, B., Giroir, B., Randolph, A. 2005. International pediatric sepsis consensus conference: definitions for sepsis and organ dysfunction in pediatrics. *Pediatr Crit Care Med*, 6(1): 2–8.
- Granado, R.C.-D., Mehta, R.L. 2016. Fluid overload in the ICU: evaluation and management. *BMC Nephrol*, 17(109): 1–9.
- Han, Y.Y., Carcillo, J.A., Dragotta, M.A., Bills, D.M., Watson, R.S., Westerman,



- M.E. *et al.* 2003. Early reversal of pediatric-neonatal septic shock by community physicians is associated with improved outcome. *Pediatrics*, 112(4): 793–799.
- Hartman, M.E., Linde-zwirble, W.T., Angus, D.C., Watson, R.S. 2013. Trends in the epidemiology of pediatric severe sepsis. *Pediatr Crit Care Med*, 14(7): 686–693.
- Hotchkiss, R.S., Karl, I.E. 2003. The pathophysiology and treatment of sepsis. *N Engl J Med*, 348(2): 138–150.
- Hug, L., Sharow, D., Sun, Y., Marcusanu, A., You, D., Mathers, C. *et al.* 2017. *Levels and Trends in Child Mortality*. New York.
- Ikatan Dokter Anak Indonesia. 2016. *Diagnosis dan tata laksana sepsis pada anak*. Jakarta: Balai Penerbit IDAI.
- Irving, S.Y., Daly, B., Verger, J., Typpo, K. V, Brown, A.-M., Hanlon, A. *et al.* 2018. The association of nutrition status expressed as body mass index z-score with outcomes in children with severe sepsis: a secondary analysis from the Sepsis Prevalence, Outcomes and Therapies (SPROUT) study. *Crit Care Med*, 46(11): 1–19.
- Kaushik, J., Aamir, M., Kaur, G., Vinayak, N., Mittal, K. 2014. Clinical outcome and predictors of mortality in children with sepsis, severe sepsis, and septic shock from Rohtak, Haryana: A prospective observational study. *Indian J Crit Care Med*, 18(7): 437–441.
- Kawasaki, T. 2017. Update on pediatric sepsis : a review. *J Intensive Care*, 5(47): 1–12.
- Kristóf, K., Pongrácz, J. 2016. Interpretation of blood microbiology results – function of the clinical microbiologist. *J Int Fed Clin Chem Lab Med*, 27(2): 147–155.
- Kuperman, E.F., Showalter, J.W., Lehman, E.B., Leib, A.E., Kraschnewski, J.L. 2013. The impact of obesity on sepsis mortality: A retrospective review. *BMC Infect Dis*, 13(377): 1–8.
- Levy, M.M., Evans, L.E., Rhodes, A. 2018. The surviving sepsis campaign bundle: 2018 update. *Crit Care Med*, 46(6): 997–1000.
- Liang, L., Kotadia, N., English, L., Kissoon, N., Ansermino, J.M., Kabakyenga, J. *et al.* 2018. Predictors of mortality in neonates and infants hospitalized with sepsis or serious infections in developing countries: a systematic review. *Front Pediatr*, 6(277): 1–12.
- Malbrain, M.L.N.G., Van Regenmortel, N., Saugel, B., De Tavernier, B., Van Gaal, P.J., Joannes-Boyau, O. *et al.* 2018. Principles of fluid management and stewardship in septic shock: it is time to consider the four D's and the four phases of fluid therapy. *Ann Intensive Care*, 8(1): 1–16.
- Marik, P., Bellomo, R. 2016. A rational approach to fluid therapy in sepsis. *Br J Anaesth*, 116(3): 339–349.
- Marquez-Gonzales, H., Casanova-Bracamontes, L., Munoz-Ramirez, C.M., Peregrino-Bejarano, L., Bolanos-Tellez, B., Yanez-Gutierrez, L. 2019. Relation between fluid overload and mortality in children with septic shock. *Arch Argent Pediatr*, 117(2): 105–112.
- Martin, G.S., Mannino, D.M., Eaton, S., Moss, M. 2003. The epidemiology of



- sepsis in the United States from 1979 through 2000. *N Engl J Med*, 348: 1546–1554.
- Matondang, C.S., Notoatmojo, H., Kurniati, N. 2010. Mekanisme imun penyakit infeksi. In A. A. Akib, Z. Munasir, & N. Kurniati, ed. *Buku Ajar Alergi Imunologi Anak*. Ikatan Dokter Anak Indonesia: 132–153.
- Mayr, F.B., Yende, S., Angus, D.C. 2014. Epidemiology of severe sepsis. *Virulence*, 5(1): 1–11.
- Munasir, Z. 2001. Respons Imun Terhadap Infeksi Bakteri. *Sari Pediatr*, 2(4): 193–197.
- Oematan, Y., Manoppo, J.I., Runtunuwu, A.L. 2009. Peran inflamasi dalam patofisiologi sepsis dan syok septik pada anak. *J Biomedik*, 1(3): 166–173.
- Pedro, T.D.C.S., Morcilla, A.M., Baracat, E.C.E. 2015. Etiology and prognostic factors of sepsis among children and adolescents admitted to the intensive care unit. *Rev Bras Ter Intensive*, 27(3): 240–246.
- Pérez, D.V., Jordan, I., Esteban, E., García-Soler, P., Murga, V., Bonil, V. et al. 2014. Prognostic factors in pediatric sepsis study, from the Spanish society of pediatric intensive care. *Pediatr Infect Dis J*, 33(2): 152–157.
- Phua, J., Ngerng, W.J., See, K.C., Tay, C.K., Kiong, T., Lim, H.F. et al. 2013. Characteristics and outcomes of culture-negative versus culture-positive severe sepsis. *Crit Care*, 17: 1–12.
- Plunkett, A., Tong, J. 2015. Sepsis in children. *BMJ*, 350: 1–13.
- Romero, O.E.N., Melendez, A.F.N. 2017. Fluid overload and kidney failure in children with severe sepsis and septic shock : A cohort study. *Arch Argent Pediatr*, 115(2): 118–124.
- Rusmawatiningsyah, D., Nurnaningsih. 2017. Mortality rates in pediatric septic shock. *Paediatr Indones*, 56(5): 304–310.
- Ruth, A., McCracken, C.E., Fortenberry, J.D., Hall, M., Simon, H.K., Hebbar, K.B. 2014. Pediatric severe sepsis: current trends and outcomes from the pediatric health information systems database. *Pediatr Crit Care Med*, 15(9): 828–838.
- Rytter, M.J.H., Kolte, L., Briend, A., Friis, H., Christensen, V.B. 2014. The immune system in children with malnutrition - A systematic review. *PLoS One*, 9(8): 1–19.
- Saraswati, D.D., Pudjiadi, A.H., Djer, M.M., Supriyatno, B., Syarif, D.R., Kurniati, N. 2014. Faktor risiko yang berperan pada mortalitas sepsis. *Sari Pediatr*, 15(5): 281–288.
- Schlapbach, L.J., MacLaren, G., Festa, M., Alexander, J., Erickson, S., Beca, J. et al. 2017. Prediction of pediatric sepsis mortality within 1 h of intensive care admission. *Intensive Care Med*, 43(8): 1085–1096.
- Schuller, K.A., Hsu, B.S., Thompson, A.B. 2017. The rate of sepsis in a national pediatric population, 2006 to 2012. *Clin Pediatr (Phila)*, 56(11): 1001–1007.
- Shime, N., Kawasaki, T., Osamu, S., Akamine, Y., Toda, Y., Takeuchi, M. et al. 2012. Incidence and risk factors for mortality in paediatric severe sepsis : results from the national paediatric intensive care registry in Japan. *Intensive Care Med*, 38: 1191–1197.
- Singer, M., Deutschman, C.S., Seymour, C.W., Shankar-Hari, M., Annane, D.,



- Bauer, M. *et al.* 2016. The Third International Concessus Definitions for sepsis and septic shock (Sepsis-3). *Jama*, 315(8): 801–810.
- Sugiman, T., Pangalila, F.J.V., Hendarjana, P. 2015. *Penatalaksanaan sepsis dan syok septik: surviving sepsis campaign management*. Edisi Pert. Jakarta: Perhimpunan Dokter Intensive Care Indonesia.
- Tai, D., Dick, P., To, T., Wright, J.G. 2006. Development of pediatric comorbidity prediction model. *Arch Pediatr Adolesc Med*, 160(3): 293–299.
- Watkins, L.A. 2019. Interventions for pediatric sepsis and their impact on outcomes: A brief review. *Healthcare*, 7(2): 1–9.
- Watson, R.S., Carcillo, J.A., Linde-zwirble, W.T., Clermont, G., Lidicker, J., Angus, D.C. 2003. The Epidemiology of Severe Sepsis in Children in the United States. *Am J Respir Crit Care Med*, 167: 695–701.
- Weiss, S.L., Balamuth, F., Hensley, J., Fitzgerald, J.C., Bush, J., Nadkarni, V.M. *et al.* 2017. The epidemiology of hospital death following pediatric severe sepsis: when, why, and how children with sepsis die. *Pediatr Crit Care Med*, 18(9): 823–830.
- Weiss, S.L., Fitzgerald, J.C., Balamuth, F., Alpern, E.R., Lavelle, J., Chilutti, M. *et al.* 2014. Delayed antimicrobial therapy increases mortality and organ dysfunction duration in pediatric sepsis. *Crit Care Med*, 42(11): 2409–2417.
- Weiss, S.L., Fitzgerald, J.C., Pappachan, J., Wheeler, D., Jaramillo-bustamante, J.C., Salloo, A. *et al.* 2015. Global epidemiology of pediatric severe sepsis : the Sepsis Prevalence, Outcomes , and Therapies Study. *Am J Respir Crit Care Med*, 191(10): 1147–1157.
- Wheeler, D.S., Basu, R.K. 2013. Pediatric Shock: An Overview. *Open Pediatr Med Journal*, 7(1): 2–9.
- Wynn, J., Cornell, T.T., Wong, H.R., Shanley, T.P., Wheeler, D.S. 2010. The host response to sepsis and developmental impact. *Am Acad Pediatr*, 125(5): 1031–1041.
- Ygberg, S., Nilsson, A. 2012. The developing immune system - from foetus to toddler. *Acta Paediatr Int J Paediatr*, 101(2): 120–127.