

DAFTAR PUSTAKA

- Alvarado, A.C., Panakos, P. 2021. Endotracheal Tube Intubation Techniques. *StatPearls*: 2–4. <http://www.ncbi.nlm.nih.gov/pubmed/32809565>.
- Baco, J. 2012. Faktor prognosis pneumonia pada anak di rsup. dr. sardjito. : 1–61.
- Badan Penelitian dan Pengembangan Kesehatan. 2002. *Laporan SKRT 2001: Studi Morbiditas dan Disabilitas*.
- Benét, T., Picot, V.S., Awasthi, S., Pandey, N., Bavdekar, A., Kawade, A., Robinson, A., Rakoto-Andrianarivelo, M., Sylla, M., Diallo, S., Russomando, G., Basualdo, W., Komurian-Pradel, F., Endtz, H., Vanhems, P., Paranhos-Baccalà, G. 2017. Severity of pneumonia in under 5-year-old children from developing countries: A multicenter, prospective, observational study. *Am J Trop Med Hyg*, 97(1): 68–76.
- Bunthi, C., Rhodes, J., Thamthitiwat, S., Higdon, M.M., Chuananon, S., Amorninthapichet, T., Paveenkittiporn, W., Chittaganpitch, M., Sawatwong, P., Hammitt, L.L., Feikin, D.R., Murdoch, D.R., Deloria-Knoll, M., O’Brien, K.L., Prosperi, C., Maloney, S.A., Baggett, H.C., Akarasewi, P. 2021. Etiology and Clinical Characteristics of Severe Pneumonia Among Young Children in Thailand: Pneumonia Etiology Research for Child Health (PERCH) Case-Control Study Findings, 2012-2013. *Pediatr Infect Dis J*, 40(9): S91–S100.
- Caggiano, S., Ullmann, N., de Vitis, E., Trivelli, M., Mariani, C., Podagrosi, M., Ursitti, F., Bertolaso, C., Putotto, C., Unolt, M., Pietravallo, A., Pansa, P., Mphayokulela, K., Lemmo, M.I., Mkwambe, M., Kazaura, J., Duse, M., Nieddu, F., Azzari, C., Cutrera, R. 2017. Factors that negatively affect the prognosis of pediatric community-acquired pneumonia in district hospital in Tanzania. *Int J Mol Sci*, 18(3).
- Castro, R., Luz, P.M., Wakimoto, M.D., Veloso, V.G., Grinsztejn, B., Perazzo, H. 2020. COVID-19: a meta-analysis of diagnostic test accuracy of commercial assays registered in Brazil. *Brazilian J Infect Dis*.
- Cheng, A., Simon, H., Travers, C., Hebbar, K.B. 2018. 223 Evaluating the Clinical

- Respiratory Score for Initiating High Flow Nasal Cannula in the Pediatric Emergency Department. *Ann Emerg Med*, 72(4, Supplement): S88–S89. <https://www.sciencedirect.com/science/article/pii/S0196064418309648>.
- Chisti, M.J., Salam, M.A., Ashraf, H., Faruque, A.S.G., Bardhan, P.K., Hossain, M.I., Shahid, A.S.M.S.B., Shahunja, K.M., Das, S.K., Imran, G., Ahmed, T. 2013. Clinical Risk Factors of Death From Pneumonia in Children with Severe Acute Malnutrition in an Urban Critical Care Ward of Bangladesh. *PLoS One*, 8(9): 1–5.
- Dean, P., Florin, T.A. 2018. Factors Associated With Pneumonia Severity in Children: A Systematic Review. *J Pediatric Infect Dis Soc*, 7(4): 323–334.
- Depkes RI. 2018. Laporan Riskesdas 2018 Nasional.pdf. *Lemb Penerbit Balitbangkes*: 156. <https://repository.badankebijakan.kemkes.go.id/id/eprint/3514/>.
- Dickson, R.P., Erb-Downward, J.R., Huffnagle, G.B. 2014. Towards an ecology of the lung: new conceptual models of pulmonary microbiology and pneumonia pathogenesis. *Lancet Respir Med*, 2(3): 238–246.
- Frat, J.-P., Ragot, S., Coudroy, R., Constantin, J.-M., Girault, C., Prat, G., Boulain, T., Demoule, A., Ricard, J.-D., Razazi, K., Lascarrou, J.-B., Devaquet, J., Mira, J.-P., Argaud, L., Chakarian, J.-C., Fartoukh, M., Nseir, S., Mercat, A., Brochard, L., Robert, R., Thille, A.W. 2018. Predictors of Intubation in Patients With Acute Hypoxemic Respiratory Failure Treated With a Noninvasive Oxygenation Strategy. *Crit Care Med*, 46(2): 208–215.
- Friedman, M.L., Nitu, M.E. 2018. Acute respiratory failure in children. *Pediatr Ann*, 47(7): e268–e273.
- Gereige, R.S., Laufer, P.M. 2013. Pneumonia. *Pediatr Rev*, 34(10): 436–438.
- Ghia, C.J., Rambhad, G.S. 2022. Systematic review and meta-analysis of comorbidities and associated risk factors in Indian patients of community-acquired pneumonia. *SAGE Open Med*, 10.
- Greene, K.E., Peters, J.I. 1994. Pathophysiology of acute respiratory failure. *Clin Chest Med*, 15(1): 1–12.
- Heidemann, S.M., Nair, A., Bulut, Y., Sapru, A. 2017. Pathophysiology and

- Management of Acute Respiratory Distress Syndrome in Children. *Pediatr Clin North Am*, 64(5): 1017–1037. <https://www.sciencedirect.com/science/article/pii/S003139551730072X>.
- Hsu, C.L., Lee, Y.S., Chen, C.J., Lee, M.L., Yang, C.F., Soong, W.J., Jeng, M.J., Wu, K.G. 2015. A population-based analysis of children with pneumonia among intensive care units in Taiwan. *J Microbiol Immunol Infect*, 48(2): 153–159. <http://dx.doi.org/10.1016/j.jmii.2013.07.007>.
- Iswarajati, N., Kumara, I.F, Triono, A. 2021. *STATUS EPILEPTICUS IN PEDIATRIC PATIENTS SEVERITY SCORE (STEPSS) SEBAGAI PREDIKTOR LUARAN PADA PASIEN ANAK DENGAN STATUS EPILEPTIKUS*. Gadjah Mada University Yogyakarta/RSUP Dr. Sardjito, Yogyakarta.
- Jain V, Vashisht R, Y.G. 2023. Pneumonia Pathology. *StatPearls Publ*, 1(1). <https://www.ncbi.nlm.nih.gov/books/NBK526116/>.
- King C, R.L. 2008. *Emergent endotracheal intubation. Textbook of Pediatric Emergency Procedures*. 2nd ed, King C, Henretig FM (Eds), Lippincott Williams & Wilkins, Philadelphia.
- Kirolas, A., Blacow, R.M., Parajuli, A., Welton, N.J., Khanna, A., Allen, S.J., McAllister, D.A., Campbell, H., Nair, H. 2021. The impact of childhood malnutrition on mortality from pneumonia: A systematic review and network meta-analysis. *BMJ Glob Heal*, 6(11): 1–8.
- Kisworini, P., Setyati, A., Sutaryo, S. 2010. Mortality predictors of pneumonia in children. *Paediatr Indones*, 50(3): 149.
- Latumahina, A., Triasih, R., Hermawan, K. 2017. Skor Prediksi Kematian Pneumonia pada Anak Usia di Bawah Lima Tahun. *Sari Pediatr*, 18(3): 214.
- Lee, K.L., Lee, C.M., Yang, T.L., Yen, T.Y., Chang, L.Y., Chen, J.M., Lee, P.I., Huang, L.M., Lu, C.Y. 2021. Severe Mycoplasma pneumoniae pneumonia requiring intensive care in children, 2010–2019. *J Formos Med Assoc*, 120(1): 281–291. <https://doi.org/10.1016/j.jfma.2020.08.018>.
- Li, W., An, X., Fu, M., Li, C. 2016. Emergency treatment and nursing of children with severe pneumonia complicated by heart failure and respiratory failure: 10

- case reports. *Exp Ther Med*, 12(4): 2145–2149.
- Lynch, T., Bialy, L., Kellner, J.D., Osmond, M.H., Klassen, T.P., Durec, T., Leicht, R., Johnson, D.W. 2010. A systematic review on the diagnosis of pediatric bacterial pneumonia: When gold is bronze. *PLoS One*, 5(8).
- Mani, C.S. 2017. *Acute Pneumonia and Its Complications*. Fifth Edit. Elsevier Inc. <http://dx.doi.org/10.1016/B978-0-323-40181-4.00034-7>.
- Mani, C.S., Murray, D.L. 2012. *Acute Pneumonia and Its Complications*. Fourth Edi. Elsevier Inc. <http://dx.doi.org/10.1016/B978-1-4377-2702-9.00034-9>.
- Millard, N.E., De Braganca, K.C. 2016. Medulloblastoma. *J Child Neurol*.
- Muhanuzi, B., Sawe, H.R., Kilindimo, S.S., Mfinanga, J.A., Weber, E.J. 2019. Respiratory compromise in children presenting to an urban emergency department of a tertiary hospital in Tanzania: a descriptive cohort study. *BMC Emerg Med*, 19(1): 21.
- Nayani, K., Naeem, R., Munir, O., Naseer, N., Feroze, A., Brown, N., Mian, A.I. 2018. The clinical respiratory score predicts paediatric critical care disposition in children with respiratory distress presenting to the emergency department. *BMC Pediatr*, 18(1): 1–8.
- Nguyen Thi Dieu, T., Pham Nhat, A., Craig, T.J., Duong-Quy, S. 2017. Clinical characteristics and cytokine changes in children with pneumonia requiring mechanical ventilation. *J Int Med Res*, 45(6): 1805–1817.
- Nolan, V.G., Arnold, S.R., Bramley, A.M., Ampofo, K., Williams, D.J., Grijalva, C.G., Self, W.H., Anderson, E.J., Wunderink, R.G., Edwards, K.M., Pavia, A.T., Jain, S., McCullers, J.A. 2018. Etiology and impact of coinfections in children hospitalized with community-acquired pneumonia. *J Infect Dis*, 218(2): 179–188.
- O'Brien, K.L., Baggett, H.C., Brooks, W.A., Feikin, D.R., Hammit, L.L., Higdon, M.M., Howie, S.R.C., Deloria Knoll, M., Kotloff, K.L., Levine, O.S., Madhi, S.A., Murdoch, D.R., Prosperi, C., Scott, J.A.G., Shi, Q., Thea, D.M., Wu, Z., Zeger, S.L., Adrian, P. V., Akarasewi, P., Anderson, T.P., Antonio, M., Awori, J.O., Baillie, V.L., Bunthi, C., Chipeta, J., Chisti, M.J., Crawley, J., DeLuca, A.N., Driscoll, A.J., Ebruke, B.E., Endtz, H.P., Fancourt, N., Fu, W.,

- Goswami, D., Groome, M.J., Haddix, M., Hossain, L., Jahan, Y., Kagucia, E.W., Kamau, A., Karron, R.A., Kazungu, S., Kourouma, N., Kuwanda, L., Kwenda, G., Li, M., Machuka, E.M., Mackenzie, G., Mahomed, N., Maloney, S.A., McLellan, J.L., Mitchell, J.L., Moore, D.P., Morpeth, S.C., Mudau, A., Mwananyanda, L., Mwansa, J., Silaba Ominde, M., Onwuchekwa, U., Park, D.E., Rhodes, J., Sawatwong, P., Seidenberg, P., Shamsul, A., Simões, E.A.F., Sissoko, S., Wa Somwe, S., Sow, S.O., Sylla, M., Tamboura, B., Tapia, M.D., Thamthitiwat, S., Toure, A., Watson, N.L., Zaman, K., Zaman, S.M.A. 2019. Causes of severe pneumonia requiring hospital admission in children without HIV infection from Africa and Asia: the PERCH multi-country case-control study. *Lancet*, 394(10200): 757–779.
- Pallin, D.J., Dwyer, R.C., Walls, R.M., Brown, C.A. 3rd. 2016. Techniques and Trends, Success Rates, and Adverse Events in Emergency Department Pediatric Intubations: A Report From the National Emergency Airway Registry. *Ann Emerg Med*, 67(5): 610-615.e1.
- Patel, S., Mohiuddin, S.S. 2020. Physiology, Oxygen Transport And Carbon Dioxide Dissociation Curve. *StatPearls*: 3–4. <http://www.ncbi.nlm.nih.gov/pubmed/30969637>.
- Rahman, A.E., Hossain, A.T., Nair, H., Chisti, M.J., Dockrell, D., Arifeen, S. El, Campbell, H. 2022. Prevalence of hypoxaemia in children with pneumonia in low-income and middle-income countries: a systematic review and meta-analysis. *Lancet Glob Heal*, 10(3): e348–e359. [http://dx.doi.org/10.1016/S2214-109X\(21\)00586-6](http://dx.doi.org/10.1016/S2214-109X(21)00586-6).
- Ramachandran, P., Nedunchelian, K., Vengatesan, A., Suresh, S. 2012. Risk factors for mortality in community-acquired pneumonia among children aged 1-59 months admitted in a referral hospital. *Indian Pediatr*, 49(11): 889–895.
- Rao, Y.K., Midha, T., Kumar, P., Tripathi, V.N., Rai, O.P. 2012. Clinical predictors of hypoxemia in Indian children with acute respiratory tract infection presenting to pediatric emergency department. *World J Pediatr*, 8(3): 247–251.
- Rawicz, M. 2008. [Indications for endotracheal intubation]. *Med Wieku Rozwoj*,

12(4 Pt 1): 851–856.

Rhedin, S., Lindstrand, A., Hjelmgren, A., Ryd-Rinder, M., Öhrmalm, L., Tolfvenstam, T., Örtqvist, Å., Rotzén-Östlund, M., Zwegberg-Wirgart, B., Henriques-Normark, B., Broliden, K., Naucler, P. 2015. Respiratory viruses associated with communityacquired pneumonia in children: Matched case-control study. *Thorax*, 70(9): 847–853.

Rojas-Reyes, M.X., Granados Rugeles, C., Charry-Anzola, L.P. 2014. Oxygen therapy for lower respiratory tract infections in children between 3 months and 15 years of age. *Cochrane Database Syst Rev*, 2014(12).

Sadat, A., Sayeem, M., Shahid, B. 2022. Prevalence , Predictive Factors , and Outcomes of Respiratory Failure in Children With Pneumonia Admitted in a Developing Country. , 10(May): 1–7.

Saelim, K., Thirapaleka, B., Ruangnapa, K., Prasertsan, P., Anuntaseree, W. 2022. Predictors of high-flow nasal cannula failure in pediatric patients with acute respiratory distress. *Clin Exp Pediatr*, 65(12): 595–601.

Ben Shimol, S., Dagan, R., Givon-Lavi, N., Tal, A., Aviram, M., Bar-Ziv, J., Zodicov, V., Greenberg, D. 2012. Evaluation of the World Health Organization criteria for chest radiographs for pneumonia diagnosis in children. *Eur J Pediatr*, 171(2): 369–374.

Sun, J.W., Bourgeois, F.T., Haneuse, S., Hernandez-Diaz, S., Landon, J.E., Bateman, B.T., Huybrechts, K.F. 2021. Development and validation of a pediatric comorbidity index. *Am J Epidemiol*, 190(5): 918–927.

Supartha, M. 2010. *Prediktor klinis hipoksemia pada pneumonia anak di rsup sanglah*. UNIVERSITAS GADJAH MADA.

Torres-Espíndola, L.M., Demetrio-Ríos, J., Carmona-Aparicio, L., Galván-Díaz, C., Pérez-García, M., Chávez-Pacheco, J.L., Granados-Montiel, J., de Arellano, I.T.R., Aquino-Gálvez, A., Castillejos-López, M.D.J. 2019. Comorbidity index as a predictor of mortality in pediatric patients with solid tumors. *Front Pediatr*, 7(MAR): 1–7.

UNICEF. 2020. One child dies of pneumonia every 39 seconds, agencies warn. <https://www.unicef.org/indonesia/press-releases/one-child-dies-pneumonia->

every-39-seconds-agencies-warn.

Usen, S., Weber, M., Mulholland, K., Jaffar, S., Oparaugo, A., Omosigho, C., Adegbola, R., Greenwood, B. 1999. Clinical predictors of hypoxaemia in Gambian children with acute lower respiratory tract infection: Prospective cohort study. *Br Med J*, 318(7176): 86–91.

Valentania, V., Somasetia, D.H., Hilmanto, D., Setiabudi, D., Nataprawira, H.M.N. 2021. Modified PIRO (predisposition, insult, response, organ dysfunction) severity score as a predictor for mortality of children with pneumonia in Hasan Sadikin Hospital, Bandung, Indonesia. *Multidiscip Respir Med*, 16.

Van de Voorde, P., Turner, N.M., Djakow, J., de Lucas, N., Martinez-Mejias, A., Biarent, D., Bingham, R., Brissaud, O., Hoffmann, F., Johannesdottir, G.B., Lauritsen, T., Maconochie, I. 2021. European Resuscitation Council Guidelines 2021: Paediatric Life Support. *Resuscitation*, 161: 327–387.

Wang, Z.L., He, Y., Luo, Z.X. 2020. Continuous positive airway pressure in children with severe pneumonia: a meta-analysis. *World J Pediatr*, 16(6): 637–641.

Weber, M.W., Usen, S., Palmer, A., Jaffar, S., Mulholland, E.K. 1997. Predictors of hypoxaemia in hospital admissions with acute lower respiratory tract infection in a developing country. *Arch Dis Child*, 76(4): 310–314.

Wilkes, C., Bava, M., Graham, H.R., Duke, T. 2023. What are the risk factors for death among children with pneumonia in low and middle-income countries? A systematic review. *J Glob Health*, 13.

Williams, D.J., Zhu, Y., Grijalva, C.G., Self, W.H., Harrell, F.E., Reed, C., Stockmann, C., Arnold, S.R., Ampofo, K.K., Anderson, E.J., Bramley, A.M., Wunderink, R.G., McCullers, J.A., Pavia, A.T., Jain, S., Edwards, K.M. 2016. Predicting severe pneumonia outcomes in children. *Pediatrics*, 138(4).

World Health Organization. 2020. *Pneumonia In Children*. <https://www.who.int/news-room/fact-sheets/detail/pneumonia>.

World Health Organization. 2014. *Revised WHO Classification and Treatment of Childhood Pneumonia at Health Facilities: Evidence Summaries*.

Xiao, T., Chen, F., Wan, Z. 2021. Study on effects of care bundles on patients with

severe pneumonia complicated with respiratory failure. *Am J Transl Res*, 13(9): 10942–10949.

Yurtseven, A., Turan, C., Kılınç, M.A., Saz, E.U. 2017. Frequency and outcomes of endotracheal intubation in the pediatric emergency department. *Turk J Pediatr*, 59(5): 524–530.