

DAFTAR PUSTAKA

- Ahmed, N. M., & Flynn, P. M. (2022). *Fever in children with chemotherapy-induced neutropenia*. <https://www.uptodate.com/contents/fever-in-children-with-chemotherapy-induced-neutropenia>
- Al-Mutairi, H. M., Egunsola, O., Almutairi, A., Al-Dossary, S. M., Alshammasi, R. S., Al-Dossari, D. S., & Ali, S. (2021). Skin and soft tissue infections in hospitalized cancer patients. *Saudi Medical Journal*, 42(12), 1333–1340.
- Anoop, P., & Patil, C. N. (2021). Management of Febrile Neutropenia in Children: Current Approach and Challenges. *Pediatric Infectious Disease*, 2(4), 135–139.
- Astria, Y., Satari, H. I., Sjakti, H. A., & Gunardi, H. (2021). Microbiological profiles and prognostic factors of infection mortality in febrile neutropenic children with malignancy. *Paediatrica Indonesiana (Paediatrica Indonesiana)*, 61(5), 283–290.
- Azoulay, E., Lemiale, V., Mokart, D., Pène, F., Kouatchet, A., Perez, P., Vincent, F., Mayaux, J., Benoit, D., Bruneel, F., Meert, A. P., Nyunga, M., Rabbat, A., & Darmon, M. (2014). Acute respiratory distress syndrome in patients with malignancies. *Intensive Care Medicine*, 40(8), 1106–1114. h
- Azoulay, E., Mokart, D., Pène, F., Lambert, J., Kouatchet, A., Mayaux, J., Vincent, F., Nyunga, M., Bruneel, F., Laisne, L. M., Rabbat, A., Lebert, C., Perez, P., Chaize, M., Renault, A., Meert, A. P., Benoit, D., Hamidfar, R., Jourdain, M., ... Lemiale, V. (2013). Outcomes of critically ill patients with hematologic malignancies: Prospective multicenter data from France and Belgium-A groupe de recherche respiratoire en réanimation onco-hématologique study. *Journal of Clinical Oncology*, 31(22), 2810–2818.
- Badr, M., Hassan, T., Sakr, H., Karam, N., Rahman, D. A., Shahbah, D., Zakaria, M., & Fehr, S. (2016). Chemotherapy-induced neutropenia among pediatric cancer patients in Egypt: Risks and consequences. *Molecular and Clinical Oncology*, 5(3), 300–306
- Basile, D., di Nardo, P., Corvaja, C., Garattini, S. K., Pelizzari, G., Lisanti, C., Bortot, L., da Ros, L., Bartoletti, M., Borghi, M., Gerratana, L., Lombardi, D., & Puglisi, F. (2019). Mucosal injury during anti-cancer treatment: From pathobiology to bedside. In *Cancers* (Vol. 11, Issue 6). MDPI AG.
- Blennow, O., & Ljungman, P. (2016). The challenge of antibiotic resistance in hematology patients. In *British Journal of Haematology* (Vol. 172, Issue 4, pp. 497–511).
- Blijlevens, N. M. A., Donnelly, J. P., & DePauw, B. E. (2005). Inflammatory response to mucosal barrier injury after myeloablative therapy in allogeneic stem cell transplant recipients. *Bone Marrow Transplantation*, 36(8), 703–707.

- Bothra, M., Seth, R., Kapil, A., Dwivedi, S. N., Bhatnagar, S., & Xess, I. (2013). Evaluation of predictors of adverse outcome in febrile neutropenic episodes in pediatric oncology patients. *Indian Journal of Pediatrics*, 80(4), 297–302.
- Bouteloup, M., Perinel, S., Bourmaud, A., Azoulay, E., Mokart, D., & Darmon, M. (2017). Outcomes in adult critically ill cancer patients with and without neutropenia: a systematic review and meta-analysis of the Groupe de Recherche en Réanimation Respiratoire du patient d'Onco-Hématologie (GRRR-OH). In *Oncotarget* (Vol. 8, Issue 1).
- Caniza, M. A., Odio, C., Mukkada, S., Gonzalez, M., Ceppi, F., Chaisavaneeyakorn, S., Apiwattanakul, N., Howard, S. C., Conter, V., & Bonilla, M. (2015). Infectious complications in children with acute lymphoblastic leukemia treated in low-middle-income countries. In *Expert Review of Hematology* (Vol. 8, Issue 5, pp. 627–645).
- Cennamo, F., Masetti, R., Largo, P., Argentiero, A., Pession, A., & Esposito, S. (2021). Update on febrile neutropenia in pediatric oncological patients undergoing chemotherapy. In *Children* (Vol. 8, Issue 12). MDPI.
- Cerutti, A., & Rescigno, M. (2008). The Biology of Intestinal Immunoglobulin A Responses. In *Immunity* (Vol. 28, Issue 6, pp. 740–750).
- Chang, M. S., Sung, K. W., & Kim, Y. J. (2011). Clinical Characteristics of Bacteremia in Children with Cancer. In *Korean J Pediatr Infect Dis* (Vol. 18, Issue 2).
- Daniels, L. M., Durani, U., Barreto, J. N., O'Horo, J. C., Siddiqui, M. A., Park, J. G., & Tosh, P. K. (2019). Impact of time to antibiotic on hospital stay, intensive care unit admission, and mortality in febrile neutropenia. *Supportive Care in Cancer*, 27(11), 4171–4177.
- de La Maza, V., Simian, D., Castro, M., Torres, J. P., Lucero, Y., Sepúlveda, F., Mazquiaran, S., Salazar, C., Segovia, L., & Santolaya, M. E. (2015). Administration time for the first dose of antimicrobials in episodes of fever and neutropenia in children with cancer. *Pediatric Infectious Disease Journal*, 34(10), 1069–1073.
- dos Santos, A. L. S., Rodrigues, Y. C., de Melo, M. V. H., dos Santos, P. A. S., da Costa Oliveira, T. N., Sardinha, D. M., Lima, L. N. G. C., Brasiliense, D. M., & Lima, K. V. B. (2020). First insights into clinical and resistance features of infections by *klebsiella pneumoniae* among oncological patients from a referral center in amazon region, Brazil. *Infectious Disease Reports*, 12(3), 110–120.
- El-Mahallawy, H., & Abdel Hai, R. (n.d.). *Chemotherapy Induced Febrile Neutropenia and Its Association with Nosocomial Bacteraemia: Risk Factors and Prognosis*.

- Evans, S. E., & Ost, D. E. (2015). Pneumonia in the neutropenic cancer patient. In *Current Opinion in Pulmonary Medicine* (Vol. 21, Issue 3, pp. 260–271).
- Freifeld, A. G., Bow, E. J., Sepkowitz, K. A., Boeckh, M. J., Ito, J. I., Mullen, C. A., Raad, I. I., Rolston, K. v., Young, J. A. H., & Wingard, J. R. (2011a). Clinical practice guideline for the use of antimicrobial agents in neutropenic patients with cancer: 2010 Update by the Infectious Diseases Society of America. In *Clinical Infectious Diseases* (Vol. 52, Issue 4
- Georges, Q., Azoulay, E., Mokart, D., Soares, M., Jeon, K., Oeyen, S., Rhee, C. K., Gruber, P., Ostermann, M., Hill, Q. A., Depuydt, P., Ferra, C., Toffart, A. C., Schellongowski, P., Müller, A., Lemiale, V., Tinquaut, F., Bourmaud, A., & Darmon, M. (2018). Influence of neutropenia on mortality of critically ill cancer patients: results of a meta-analysis on individual data. *Critical Care (London, England)*, 22(1), 326.
- Gonzalez, M. L., Aristizabal, P., Loera-Reyna, A., Torres, D., Ornelas-S ´ Anchez, M., Nuño-V ´ Azquez, L., Aguilera, M., ´ Anchez, A. S., Romano, M., Rivera-G ´ Omez, R., Relyea, G., Friedrich, P., & Caniza, M. A. (2021). The Golden Hour: Sustainability and Clinical Outcomes of Adequate Time to Antibiotic Administration in Children with Cancer and Febrile Neutropenia in Northwestern Mexico. In *JCO Global Oncol* (Vol. 7).
- Groll, A. H., Pana, D., Lanternier, F., Mesini, A., Ammann, R. A., Averbuch, D., Castagnola, E., Cesaro, S., Engelhard, D., Garcia-Vidal, C., Kanerva, J., Ritz, N., Roilides, E., Styczynski, J., Warris, A., & Lehrnbecher, T. (2021). 8th European Conference on Infections in Leukaemia: 2020 guidelines for the diagnosis, prevention, and treatment of invasive fungal diseases in paediatric patients with cancer or post-haematopoietic cell transplantation. In *The Lancet Oncology* (Vol. 22, Issue 6, pp. e254–e269).
- Hakim, H., Flynn, P. M., Knapp, K. M., Deo, W., Srivastava, K., & Gaur, A. H. (2009). *Etiology and Clinical Course of Febrile Neutropenia in Children With Cancer*.
- Hanzelina, H., Widnyana, A. A. N. K. P., Windiani, I. G. A. T., Karyana, I. P. G., Ariawati, N. K., & Mahalini, D. S. (2022). Malnutrition as Risk Factor for Febrile Neutropenia in Children with Acute Lymphoblastic Leukemia. *Open Access Macedonian Journal of Medical Sciences*, 10(B), 681–685.
- Hosmer, W., Malin, J., & Wong, M. (2011). Development and validation of a prediction model for the risk of developing febrile neutropenia in the first cycle of chemotherapy among elderly patients with breast, lung, colorectal, and prostate cancer. *Supportive Care in Cancer*, 19(3), 333–341.
- Jacob, L. A., Lakshmaiah, K. C., Govindbabu, K., Suresh, T. M., Lokanatha, D., Sinha, M., Vijaykumar, B. R., Sumathi, B. G., & Jayashree, R. S. (2014). Clinical and microbiological profile of febrile neutropenia in solid tumors and

- hematological malignancies at a tertiary cancer care center in South India. *Indian Journal of Cancer*, 51(4), 464–468
- Kar, Y. D., Özdemir, Z. C., & Bör, Ö. (2017). Evaluation of febrile neutropenic attacks of pediatric hematology-oncology patients. *Turk Pediatri Arsivi*, 52(4), 213–220
- Kim, S. M., Kim, Y. J., Kim, Y. J., & Kim, W. Y. (2022). Prognostic Impact of Neutropenia in Cancer Patients with Septic Shock: A 2009–2017 Nationwide Cohort Study. *Cancers*, 14(15).
- Klastersky, J. (2004). Management of Fever in Neutropenic Patients with Different Risks of Complications. In *Clinical Infectious Diseases* (Vol. 39).
- Klastersky, J., de Naurois, J., Rolston, K., Rapoport, B., Maschmeyer, G., Aapro, M., Herrstedt, J., & on behalf of the ESMO Guidelines Committee. (2016). Management of febrile neutropaenia: ESMO clinical practice guidelines. *Annals of Oncology*, 27, v111–v118.
- Kuderer, N. M., Dale, D. C., Crawford, J., Cosler, L. E., & Lyman, G. H. (2006). Mortality, morbidity, and cost associated with febrile neutropenia in adult cancer patients. *Cancer*, 106(10), 2258–2266.
- Larché, J., Azoulay, É., Fieux, F., Mesnard, L., Moreau, D., Thiery, G., Darmon, M., Le Gall, J. R., & Schlemmer, B. (2003). Improved survival of critically ill cancer patients with septic shock. *Intensive Care Medicine*, 29(10), 1688–1695.
- Lee, G., Choi, S., Kim, K., Yun, J. M., Son, J. S., Jeong, S. M., Kim, S. M., & Park, S. M. (2018). Association of hemoglobin concentration and its change with cardiovascular and all-cause mortality. *Journal of the American Heart Association*, 7(3).
- Lee, J. H., Kim, S. K., Kim, S. K., Han, S. B., Lee, J. W., Lee, D. G., Chung, N. G., Cho, B., Jeong, D. C., Kang, J. H., & Kim, H. K. (2016). Increase in antibiotic-resistant gram-negative bacterial infections in febrile neutropenic children. *Infection and Chemotherapy*, 48(3), 181–189.
- Lee, S. J., Kim, J. H., Han, S. B., Paik, J. H., & Durey, A. (2018). Prognostic factors predicting poor outcome in cancer patients with febrile neutropenia in the emergency department: Usefulness of qSOFA. *Journal of Oncology*, 2018.
- Lekshminarayanan, A., Bhatt, P., Linga, V. G., Chaudhari, R., Zhu, B., Dave, M., Donda, K., Savani, S., Patel, S. V., Billimoria, Z. C., Bhaskaran, S., Zaid-Kaylani, S., Dapaah-Siakwan, F., & Bhatt, N. S. (2018). National Trends in Hospitalization for Fever and Neutropenia in Children with Cancer, 2007–2014. *Journal of Pediatrics*, 202, 231–237.e3.
- Link, H., Böhme, A., Cornely, O. A., Höffken, K., Kellner, O., Kern, W. v., Mahlberg, R., Maschmeyer, G., Nowrousian, M. R., Ostermann, H., Ruhnke, M., Sezer, O., Schiel, X., Wilhelm, M., & Auner, H. W. (2003). Antimicrobial

therapy of unexplained fever in neutropenic patients - Guidelines of the infectious diseases working party (AGIHO) of the German Society of Hematology and Oncology (DGHO). In *Annals of Hematology* (Vol. 82, Issue SUPPL. 2).

- Mendes, A. V. A., Sapolnik, R., & Mendonça, N. (2007d). Novas diretrizes na abordagem clínica da neutropenia febril e da sepse em oncologia pediátrica. In *Jornal de Pediatria* (Vol. 83, Issue SUPPL. 2).
- Moon, J. M., & Chun, B. J. (2009). Predicting the complicated neutropenic fever in the emergency department. *Emergency Medicine Journal*, 26(11), 802–806.
- Mutyaba, I., Wabinga, H. R., Orem, J., Casper, C., & Phipps, W. (2019). Presentation and Outcomes of Childhood Cancer Patients at Uganda Cancer Institute. *Global Pediatric Health*, 6.
- Nirenberg, A., Mulhearn, L., Lin, S., & Larson, E. (2004). Emergency department waiting times for patients with cancer with febrile neutropenia: a pilot study. *Oncology Nursing Forum*, 31(4), 711–715.
- Nursyirwan, S. R., & Windiastuti, E. (2017). *Kejadian Demam Neutropenia pada Anak dengan Keganasan* (Vol. 19, Issue 4).
- Oberoi, S., Das, A., Trehan, A., Ray, P., & Bansal, D. (2017). Can complications in febrile neutropenia be predicted? Report from a developing country. *Supportive Care in Cancer*, 25(11), 3523–3528.
- Paganini, H. R., Aguirre, C., Puppa, G., Garbini, C., Javier, R. G., Ensink, G., Vrátnica, C., Flynn, L., Iacono, M., & Zubizarreta, P. (2007). A prospective, multicentric scoring system to predict mortality in febrile neutropenic children with cancer. *Cancer*, 109(12), 2572–2579.
- Patrícia Imperatriz, P., Rondinelli, P., De Ca'ssia, K., Ribeiro, B., & De Camargo, B. (2006). *A Proposed Score for Predicting Severe Infection Complications in Children With Chemotherapy-induced Febrile Neutropenia*.
- Patrícia Imperatriz, P., Rondinelli, P., de Ca'ssia, K., Ribeiro, B., & de Camargo, B. (2006). *A Proposed Score for Predicting Severe Infection Complications in Children With Chemotherapy-induced Febrile Neutropenia*.
- Pediatri, S. (2013). *Sulaiman Hamid dkk: Evaluasi sensitivitas antibiotik dengan demam neutropenia* (Vol. 15, Issue 4).
- Purwanto, D. S., & Astrawinata, D. A. W. (n.d.). *Mekanisme Kompleks Sepsis dan Syok Septik*.
- Ramírez, M. (2013). Multiple organ dysfunction syndrome. *Current Problems in Pediatric and Adolescent Health Care*, 43(10), 273–277.
- Regazzoni, C. J., Khoury, M., Irrazabal, C., Myburg, C., Galvalisi, N. R., O'Flaherty, M., Sarquis, S. G., & Poderoso, J. J. (2003). Neutropenia and the development of the systemic inflammatory response syndrome. *Intensive Care Medicine*, 29(1), 135–138.

- Rodriguez-Galindo, C., Friedrich, P., Alcasabas, P., Antillon, F., Banavali, S., Castillo, L., Israels, T., Jeha, S., Harif, M., Sullivan, M. J., Quah, T. C., Patte, C., Pui, C. H., Barr, R., & Gross, T. (2015). Toward the cure of all children with cancer through collaborative efforts: Pediatric oncology as a global challenge. In *Journal of Clinical Oncology* (Vol. 33, Issue 27, pp. 3065–3073). American Society of Clinical Oncology.
- Rosenblum, J., Lin, J., Kim, M., & Levy, A. S. (2013a). Repeating blood cultures in neutropenic children with persistent fevers when the initial blood culture is negative. *Pediatric Blood and Cancer*, 60(6), 923–927.
- Rouli, N., Amalia, P., & Pediatri, S. (2005). Anemia pada Penyakit Keganasan Anak Anemia pada Penyakit Keganasan Anak Anemia pada Penyakit Keganasan Anak Anemia pada Penyakit Keganasan Anak. In *176 Sari Pediatri* (Vol. 6, Issue 4).
- Sano, H., & Kuroki, Y. (2005). The lung collectins, SP-A and SP-D, modulate pulmonary innate immunity. In *Molecular Immunology* (Vol. 42, Issue 3, pp. 279–287). Elsevier Ltd.
- Sarmiento-Wilches, P., Anteliz-Díaz, A., Silva-Sánchez, M., Cuesta-Armesto, M., & Bello-Suárez, A. (2022). Infecciones del torrente sanguíneo en pacientes pediátricos con neutropenia febril en un centro de referencia de Bucaramanga, Colombia. *Revista Latinoamericana de Infectología Pediátrica*, 35(1), 12–21.
- Schwartzberg, L. S. (2006). Neutropenia: Etiology and Pathogenesis. In *Clinical Cornerstone*
- Sipsas, N. V., Bodey, G. P., & Kontoyiannis, D. P. (2005). Perspectives for the management of febrile neutropenic patients with cancer in the 21st century. In *Cancer* (Vol. 103, Issue 6, pp. 1103–1113).
- Steliarova-Foucher, E., Colombet, M., Ries, L. A. G., Moreno, F., Dolya, A., Bray, F., Hesselting, P., Shin, H. Y., Stiller, C. A., Bouzbid, S., Hamdi-Cherif, M., Hablas, A., Chirpaz, E., Buziba, N., Chesumbai, G. C., Manraj, S. S., Reynders, D., Wabinga, H. R., Chokunonga, E., ... Masuyer, E. (2017). International incidence of childhood cancer, 2001–10: a population-based registry study. *The Lancet Oncology*, 18(6), 719–731.
- Sulviani, R., Idjradinata, P., & Raspati, H. (2007). The risk factors for febrile neutropenia during chemotherapy in children with malignancy. In *Original Article Paediatr Indones* (Vol. 47, Issue 2).
- Swati, M., Gita, N., Sujata, B., Farah, J., & Preeti, M. (2010). Microbial etiology of febrile neutropenia. *Indian Journal of Hematology and Blood Transfusion*, 26(2), 49–55.
- Tai, E., Hallisey, E., Peipins, L. A., Flanagan, B., Lunsford, N. B., Wilt, G., & Graham, S. (2018). Geographic Access to Cancer Care and Mortality among Adolescents. *Journal of Adolescent and Young Adult Oncology*, 7(1), 22–29.



- van Belle, S. J. P. (2004). What is the value of hemoglobin as a prognostic and predictive factor in cancer? *European Journal of Cancer, Supplement*, 2(2), 11–19.
- van Vliet, M. J., Harmsen, H. J. M., de Bont, E. S. J. M., & Tissing, W. J. E. (2010). The role of intestinal microbiota in the development and severity of chemotherapy-induced mucositis. In *PLoS Pathogens* (Vol. 6, Issue 5, pp. 1–7). Public Library of Science.
- Vera, S., Martinez, R., Gormaz, J. G., Gajardo, A., Galleguillos, F., & Rodrigo, R. (2015). Novel relationships between oxidative stress and angiogenesis-related factors in sepsis: New biomarkers and therapies. In *Annals of Medicine* (Vol. 47, Issue 4, pp. 289–300). Informa Healthcare.
- Viscoli, C., Varnier, O., & Machetti, M. (2005). Infections in Patients with Febrile Neutropenia: Epidemiology, Microbiology, and Risk Stratification. In *Clinical Infectious Diseases* (Vol. 40).
- Zhang, J., Walsh, M. F., Wu, G., Edmonson, M. N., Gruber, T. A., Easton, J., Hedges, D., Ma, X., Zhou, X., Yergeau, D. A., Wilkinson, M. R., Vadodaria, B., Chen, X., McGee, R. B., Hines-Dowell, S., Nuccio, R., Quinn, E., Shurtleff, S. A., Rusch, M., Downing, J. R. (2015). Germline Mutations in Predisposition Genes in Pediatric Cancer. *New England Journal of Medicine*, 373(24), 2336–2346.