

## DAFTAR PUSTAKA

- Agnes, M., Widjajanto, P.H., Damayanti, W. 2019. Kejadian demam neutropenia pada leukemia limfoblastik akut anak di RSUP dr. Sardjito Yogyakarta. *Sari Pediatri*. 20(6):360-5.
- Ambroszkiewicz, J., Gajewska, J., Szamotulska, K., Rowicka, G., Klemarczyk, W., Chelchowska, M. 2017. Comparison of body composition and adipokine levels between thin and normal-weight prepubertal children. *J Pediatr (Rio J)*. 93:428-35.
- Astrup, A., 2005. Energy metabolism and obesity. In: Mela, D.J., editor, *Food, diet and obesity*. Woodhead Publishing Limited, New York, pp. 68-75.
- Borga, M., West, J., Bell, J.D., Harvey, N.C., Romu, T., Heymsfield, S.B., *et al*. 2018. Advanced Body Composition Assessment: from body mass index to body composition profiling. *J Investig Med*. 66:887-895.
- Bowen, L., Taylor, A.E., Sullivan, R., Ebrahim, S., Kinra, S., Krishna, K.V.R., *et al*. 2015. Associations between diet, physical activity and body fat distribution: a cross sectional study in an Indian population. *BMC public health*. 15:281.
- Braam, K.I., van der Torre, P., Takken, T., Veening, M.A., van Dulmen-den Broeder, E., Kaspers, G.J.L. 2016. Physical exercise training interventions for children and young adults during and after treatment for childhood cancer. *Cochrane Database of Systematic Reviews*. Issue 3.
- Brown, T., Moore, T.H.M., Hooper, L., Gao, Y., Zayegh, A., Ijaz, S., *et al*. 2019. Intervention for preventing obesity in children. *Cochrane Database of Systematic Reviews*. Issue 7.
- Butte, N.F. dan Caballero, B. 2014. Energy needs: assessment and requirements. In: Ross, A.C., Caballero, B., Cousins, R.J., Tucker, K.L., Ziegler, T.R., editor, *Modern Nutrition in Health and Disease*. 11th ed. Lippincott Williams & Wilkins, pp. 88-101.
- Carroll, W.L. dan Bhatla, T. 2016. Acute Lymphoblastic Leukemia. In: Lanzkowsky, P., Lipton, J.M., Fish, J.D., editor, *Lanzkowsky's manual of pediatric hematology and oncology*, 6<sup>th</sup> ed. American Press, London, pp. 367-389.
- Cicek, B., Ozturk, A., Unalan, D., Bayat, M., Mazicioglu, M.M., Kurtoglu, S. 2014. Four-site skinfolds and body fat percentage references in 6-to-17-year old Turkish children and adolescents. *J Pak Med Assoc*. 64(10):1154-61.
- de Castro, M.A., Verly-Jr, E., Fisberg, M., Fisberg, R.M. 2014. Children's nutrient intake variability is affected by age and body weight status according to results from a Brazilian multicenter study. *Nutrition Research*. 34(1):74-84.
- de Cosmi, V., Scaglioni, S., Agostoni, C. 2017. Early taste experience and later food choices. *Nutrients*. 9:107.

- Delbecque-Boussard, L., Gottrand, F., Ategbo, S., Nelken, B., Mazingue, F., Vic, P., *et al.* 1997. Nutritional status of children with acute lymphoblastic leukemia: a longitudinal study. *Am J Clin Nutr.* 65:95-100.
- Einungbrekke, A.J. dan Plank, L. 2016. Acute Leukemia in Children. *Journal of Pharmacy and Pharmacology.* 4:457-471.
- Fesinmeyer, M.D., North, K.E., Ritchie, M.D., Lim, U., Franceschini, N., Wilkens, L.R., *et al.* 2013. Genetic risk factors for body mass index and obesity in an ethnically diverse population: results from the Population Architecture using Genomic and Epidemiology (PAGE) Study. *Obesity* (Silver Spring). 21(4):835-846.
- Fomon, S.J., Blumberg, R.W., Coursin, D.B., Forbes, G.B., Fraser, D., Kaye, R., *et al.* 1964. Factors affecting food intake: Committee on Nutrition. *Pediatrics.* 33:135.
- Freifeld, A.G., Bow, E.J., Sepkowitz, K.A., Boeckh, M.J., Ito, J.I., Mullen, C.A., *et al.* 2011. Infectious Diseases Society of America. Clinical practice guideline for the use of antimicrobial agents in neutropenic patients with cancer: 2010 update by the Infectious Diseases Society of America. *Clin Infect Dis.* 52(4):e56-e93
- Fuemmeler, B.F., Pendzich, M.K., Clark, K., Lovelady, C., Rosoff, P., Blatt, J., *et al.* 2013. Diet, physical activity, and body composition changes during the first year of treatment for childhood acute leukemia and lymphoma. *J Pediatr Hematol Oncol.* 35(6):437-443.
- Going, S., Hingle, M., Farr, J. 2014. Body Composition. In: Ross, A.C., Caballero, B., Cousins, R.J., Tucker, K.L., Ziegler, T.R., editor, *Modern Nutrition in Health and Disease*. 11th ed. Lippincott Williams & Wilkins, pp. 635-48.
- Grodner, M., Roth, S.L., Walkingshaw, B.C. 2007. *Foundations and clinical applications of nutrition: a nursing approach*. 5th ed. Elsevier Health Sciences.
- Gungor, N.K. 2014. Overweight and Obesity in Children and Adolescents. *J Clin Res Pediatr Endocrinol.* 6(3):129-143.
- Hastuti, J., Rahmawati, N.T., Suriyanto, R.A., Wibowo, T., Nurani, N., Anindita, R., *et al.* 2019. Comparison of several prediction equations using skinfold thickness for estimating percentage body fat in 12-15-year-old Indonesian children. *Pak J Nutr.* 18(10):922-929.
- Heird, W.C. 2014. Nutritional requirements of infants and children. In: Ross, A.C., Caballero, B., Cousins, R.J., Tucker, K.L., Ziegler, T.R., editor, *Modern Nutrition in Health and Disease*. 11th ed. Lippincott Williams & Wilkins, pp. 712-33.
- Hens, W., Vissers, D., Hansen, D., Peeters, S., Gielen, J., van Gaal, L., *et al.* 2017. The effect of diet or exercise on ectopic adiposity in children and adolescents with obesity: a systematic review and meta-analysis. *Obesity Reviews.* 18(11):1310-22.
- Howard, S.C. dan Pui, C.-H. 2002. Endocrine complications in pediatric patients with acute lymphoblastic leukemia. *Bloods Reviews.* 16(4):225-243.

- Hussain, S.S., de Silva, A., Bloom, S.R. 2014. Control of food intake and appetite. In: Ross, A.C., Caballero, B., Cousins, R.J., Tucker, K.L., Ziegler, T.R., editor, *Modern Nutrition in Health and Disease*. 11th ed. Lippincott Williams & Wilkins, pp. 589-600.
- Jimenez, E.G. 2013. Body composition: Assessment and clinical value. *Endocrinol Nutr*. 60(2):69-75.
- Kementerian Kesehatan RI. 2015. *Infodatin, Pusat Data dan Informasi Kementerian Kesehatan RI*. Kementerian Kesehatan RI, Jakarta Selatan.
- Kowalski, K.C., Crocker, P.R.E., Donen, R.M. 2004. The Physical Activity Questionnaire for older children (PAQ-C) and adolescents (PAQ-A) manual. College of kinesiology, University of Saskatchewan.
- Lemeshow, S., Hosmer Jr., D.W., Klar, J., Lwanga, S.K. 1990. *Adequacy of sample size in health studies*. World Health Organization.
- Luggetti, L., Bruzzi, P., Predieri, B., Paolucci, P. 2012. Obesity in patients with acute lymphoblastic leukemia in childhood. *Italian Journal of Pediatrics*. 38:4.
- Magrath, I., Steliarova-Foucher, E., Epelman, S., Ribeira, R.C., Harif, M., Li, C., et al. 2013. Paediatric cancer in low-income and middle-income countries. *Lancet Oncol*. 14:e104-16.
- Malihi, Z., Kandiah, M., Chan, Y.M., Esfandbod, M., Vakili, M., Hosseinzadeh, M., et al. 2015. The effect of dietary intake changes on nutritional status in acute leukaemia patients after first induction chemotherapy. *European Journal of Cancer Care*. 24:542-52.
- Marques-Vidal, P., Marcelino, G., Ravasco, P., Camilo, M.E., Oliveira, J.M. 2008. Body fat levels in children and adolescents: effect on the prevalence of obesity. *Eur J Clin Nutr and Metab*. 3:e321-7.
- Matthews, D.E. 2014. Proteins and Amino Acids. In: Ross, A.C., Caballero, B., Cousins, R.J., Tucker, K.L., Ziegler, T.R., editor, *Modern Nutrition in Health and Disease*, 11th ed. Lippincott Williams & Wilkins, pp. 3-35.
- McCarthy, H.D., Cole, T.J., Fry, T., Jebb, S.A., Prentice, A.M. 2006. Body fat reference curves for children. *International Journal of Obesity*. 30(4):598-602.
- Mitchell, C., Hall, G., Clarke, R.T. 2009. Acute leukaemia in children: diagnosis and management. *BMJ*. 338:b2285.
- Mongkolrattanothai, K. dan Bard, J.D. 2019. Sepsis in children with febrile neutropenia. *JALM*. 3(4):530-3.
- Morton, G.J., Meek, T.H., Schwartz, M.W. 2014. Neurobiology of food intake in health and disease. *Nat Rev Neurosci*. 15(6): 367-78.
- Muller, M.J., Geisler, C., Bosy-Westphal, A. 2018. Body composition. *Encyclopedia of Endocrine Diseases*, 2nd Edition. Elsevier Inc.
- National Health and Nutrition Examination Survey. 2007. *Anthropometry Procedure Manual*. CDC.
- National Research Council. 1989. Recommended dietary allowance: 10<sup>th</sup> edition. National academy press, Washington, D.C.
- Nichols, J., Duryea, T.K., Torchia, M.M. 2018. Normal growth patterns in infants and prepubertal children. [cited 2020 Jan 26]. Available from:

<https://www.uptodate.com/contents/normal-growth-patterns-in-infants-and-prepubertal-children>

- Onge, M.P. dan Keller, K.L. 2014. Nutrition in Adolescence. *In: Ross, A.C., Caballero, B., Cousins, R.J., Tucker, K.L., Ziegler, T.R., editor, Modern Nutrition in Health and Disease*, 11th ed. Lippincott Williams & Wilkins, pp. 734-43..
- Permono, B., Ugrasena, I.D.G., Supriyadi, E. 2018. Leukemia akut. *In: Windiastuti, E., Nancy, Y.M., Mulatsih, S., Sudarmanto, B., Ugrasena, I.D.G, editor, Buku ajar hematologi onkologi anak*, edisi revisi. Badan Penerbit Ikatan Dokter Anak Indonesia, Jakarta.
- Polsky, S., Catenacci, V.A., Wyatt, H.R., Hill, J.O. 2014. Obesity: epidemiology, etiology, and prevention. *In: Ross, A.C., Caballero, B., Cousins, R.J., Tucker, K.L., Ziegler, T.R., editor, Modern Nutrition in Health and Disease*, 11th ed. Lippincott Williams & Wilkins, pp. 771-85.
- Sahoo, K., Sahoo, B., Choudhury, A.K., Sofi, N.Y., Kumar, R., Bhadoria, A.S. 2015. Childhood obesity: causes and consequences. *J Family Med Prim Care*. 4(2):187-192.
- Sawaya, A.L., Tucker, K., Tsay, R., Willett, W., Saltzman, E., Dallal, G.E., *et al.* 1996. Evaluation of four methods for determining energy intake in young and older women: comparison with doubly labeled water measurement of total energy expenditure. *Am J Clin Nutr*. 63:491-9.
- Schadler, K.L., Kleinerman, E.S., Chandra, J. 2018. Diet and exercise interventions for pediatric cancer patients during therapy: tipping the scales for better outcomes. *Pediatr Res*. 83(1):50-56.
- Sherwood, L. 2016. *Human physiology: from cells to systems*. 9th ed., Cengage Learning.
- Siegel, R.L., Miller, K.D., Jemal, A. 2018. Cancer Statistics, 2018. *CA Cancer J Clin*. 68:7–30.
- Simioni, C., Zauli, G., Martelli, A.M., Vitale, M., Ultimo, S., Milani, D., *et al.* 2018. Physical training interventions for children and teenagers affected by acute lymphoblastic leukemia and related treatment impairments. *Oncotarget*. 9(24):17199-209.
- Supriyadi, E. dan Widjajanto, P.H. 2018. Acute Lymphoblastic Leukemia. *In: de Mello, R.A., Mountzios, G., Tavares, A.A., editor, International Manual of Oncology Practice*, 2<sup>nd</sup> ed., Springer, Switzerland, pp. 893-911.
- Supriyadi, E., Widjajanto, P.H., Purwanto, I., Cloos, J., Veerman, A.J.P., Sutaryo, S. 2011. Incidence of childhood leukemia in Yogyakarta, Indonesia, 1998-2009. *Pediatr Blood Cancer*. 57:588-93.
- Swerdlow, S.H., Campo, E., Harris, N.L., Jaffe, E.S., Pileri, S.A., Stein, H., *et al.* 2017. WHO classification of tumours of hematopoietic and lymphoid tissues, revised 4<sup>th</sup> ed. WHO, Lyon.
- Tan, S.Y., Poh, B.K., Nadrah, M.H., Jannah, N.A., Rahman, J., Ismail, M.N. 2013. Nutritional status and dietary intake of children with acute leukaemia during induction or consolidation chemotherapy. *J Hum Nutr Diet*. 26:23-33.

- Tartari, R.F., Ulbrich-Kulczynski, J.M., Filho, A.F.F. 2013. Measurement of mid-arm muscle circumference and prognosis in stage IV non-small cell lung cancer patients. *Oncology Letters*. 5(3):1063-67.
- Turcot, V., Lu, Y., Highland, H.M., Schurmann, C., Justice, A.E., Fine, R.S., *et al.* 2018. Protein-altering variants associated with body mass index implicate pathways that control energy intake and expenditure in obesity. *Nature Genetics*. 50:26-41.
- Webber, C., Halton, J., Walker, S., Young, A., Barr, R.D. 2013. The prediction of lean body mass and fat mass from arm anthropometry at diagnosis in children with cancer. *J Pediatr Hematol Oncol*. 35(7):530-533.
- Wells, J.C.K. dan Fewtrell, M.S., 2006. Measuring body composition. *Arch Dis Child*. 91:612-617.
- Wu, B.N. dan O'Sullivan, A.J. 2011. Sex differences in energy metabolism need to be considered with lifestyle modification in humans. *J Nutr Metab*. 2011:391809.
- Zillikens, M.C., Demissie, S., Hsu, Y.H., Yerges-Armstrong, L.M., Chou, W.C., Stolk, L., *et al.* 2017. Large meta-analysis of genome-wide association studies identifies five loci for lean body mass. *Nat Commun*. 8(1):80.