

DAFTAR PUSTAKA

- Akmarawita, K. 2015. Penentuan kriteria obesitas. *ARENA Jurnal Ilmu Keolahragaan*, 7(1): 79-93.
- Almatsier. 2005. Prinsip Dasar Ilmu Gizi. Jakarta: PT. Gramedia Pustaka Utama.
- Aristizabal, J.C., Restrepo. A.E., Garcia, A.G. 2018. Development and validation of anthropometric equations to estimate body composition in adult women. *Colombia Medica*, 49(2): 154–159.
- Arini, F.A. 2010. Pengukuran Antropometri dan Hubungannya dengan “*Golden Standard*” Persen Lemak Tubuh, Bioelectrical Impedance Analysis: Studi Validasi pada Anak Sekolah Dasar Tahun 2010. Depok: Fakultas Kesehatan Masyarakat Universitas Indonesia.
- Badan Perencanaan Pembangunan Daerah. 2018. Proporsi Penduduk Usia 15 Tahun ke Atas Menurut Pendidikan Tinggi yang Ditamatkan. Diunduh dari: <https://www.bps.go.id/statictable/2016/04/05/1909/penduduk-berumur-15-tahun-ke-atas-menurut-pendidikan-tertinggi-yang-ditamatkan-dan-jenis-kegiatan-selama-seminggu-yang-lalu-2008-2018.html>
- Badan Pusat Statistik. 2018. *Jumlah Penduduk Miskin dan Garis Kemiskinan menurut Kabupaten/Kota di DIY*. Diunduh dari: <https://yogyakarta.bps.go.id/dynamictable/2018/01/31/98/jumlah-penduduk-miskin-dan-garis-kemiskinan-menurut-kabupaten-kota-di-d-i-yogyakarta.html>
- Balitbang Kemenkes RI. 2009. *Riset Kesehatan Dasar: RISKESDAS 2007*. Jakarta: Balitbang Kemenkes RI. Diunduh dari: URL: <http://terbitan.litbang.depkes.go.id/penerbitan/index.php/lpb/catalog/download/63/92/239-1>
- Balitbang Kemenkes RI. 2013. *Riset Kesehatan Dasar: RISKESDAS 2013*. Jakarta: Balitbang Kemenkes RI. Diunduh dari: URL: <http://www.depkes.go.id/resources/download/general/Hasil%20Riskasdas%202013.pdf>
- Bandini, L.G., Curtin, C., Hamad, C., Tybor, D.J., Must, A. 2005. Prevalence of overweight in children with developmental disorders in the continuous National Health and Nutrition Examination Survey (NHANES) 1999–2002. *Journal Pediatric*, 146(6): 738-743.

- Bilisari, A., Roche, A.F. 2005. Anthropometry and ultrasound, Human Body Composition. *Human Kinetics*, 109-127.
- Bradley, R.H., Corwyn, R.F. 2002. Socioeconomic Status and Child Development. *Annual Review of Psychology*, 53: 371-399.
- Calara, S. 2014. Perbandingan Pengukuran Persentase Lemak Tubuh dengan Pengukuran Skinfold Caliper dan Bioelectrical Impedance Analysis (BIA). Semarang: Program Pendidikan Sarjana Kedokteran Fakultas Kedokteran Universitas Diponegoro.
- Callias, C., Ezri, J., Vidal, P.M.M., Nydegger, A. 2016. Assessment of skinfold thickness equations in estimating body composition in children with inflammatory bowel disease. *Journal of Paediatrics and Child Health*, 52(5): 547-555
- Cauble, J.S., Dewi, M., Hull, H.R. 2017. Validity of anthropometric equations to estimate infant fat mass at birth and in early infancy. *BioMed Central Pediatrics*, 17:88.
- Centres for Disease Control and Prevention (CDC). (2007). Anthropometry procedures manual. *National Health and Nutrition Examination Survey (NHANES)*, 102. Diunduh dari: https://www.cdc.gov/nchs/data/nhanes/nhanes_07_08/manual_an.pdf
- Centers for Disease Control and Prevention (CDC). 2011. Healthy weight: *Assesing Your Weight: BMI for Children and Teens*. Diunduh dari: http://www.cdc.gov/healthyweight/assessing/bmi/childrens_bmi/about_childrens_bmi.html
- Chan, D.F., So, H.K., Li, A.M., Nelson, E.A.S. 2009. New Skinfold-thickness equation for predicting percentage body fat in chinese obese children. *Hong Kong Journal of Paediatrics*, 14(2): 96-102.
- Daniels, S.R. 2009. The use of BMI in the clinical setting. *American Academy of Pediatrics*, 124.
- Davidson, L.E., Wang, J., Thornton, J.C., Kaleem, Z., Palacios, F.S., Pierson, R.N., Heymsfield, S.B., Gallagher, D. 2011. Predicting fat percent by skinfolds in racial Groups: Durnin and Womersley revisited. *Medicine & Science in Sports & Exercise*, 43(3): 542-549.
- de Onis, M., Branca, F. 2016. Childhood stunting: a global perspective. *Maternal and Child Nutrition*, 12(1): 12-26.

- Deurenberg, P., Weststrate, J.A., Kooy, V.D. 1989. Body composition changes assessed by bioelectrical impedance measurements. *The American Journal of Clinical Nutrition*, 49: 401-403.
- Deurenberg, P., Weststrate, J.A., Seidell, J.C. 1991. Body mass index as a measure of body fatness: age- and sex-specific prediction formulas. *British Journal of Nutrition*, 65(2):105-14.
- Deurenberg, P. 2003. Validity of body composition methods across ethnic population groups. *Acta Diabetologica*, 40: 246-249.
- Dinas Kependudukan dan Catatan Sipil. 2017. Jumlah Penduduk menurut Jenis Pekerjaan Semester II 2017. Diunduh dari: <https://kependudukan.jogjapro.go.id/olah.php?module=statistik&periode=9&jenisdata=penduduk&berdasarkan=jumlahpenduduk&prop=34&kab=71&kec=00>
- Dinas Kesehatan Kabupaten Bantul. 2018. Profil Kesehatan Tahun 2018. Bantul: Dinas Kesehatan Kabupaten Bantul
- Dinas Kesehatan Kabupaten Kulon Progo. 2016. Profil Kesehatan Kabupaten Kulon Progo Tahun 2016 (Data 2015). Kulon Progo: Dinas Kesehatan Kabupaten Kulon Progo.
- Duarte, M.O., Alcaraz, F.L., Ruelas, Y.F., Equihua, M.T. 2014. Correlation between percentage of body fat measured by the Slaughter equation and bio impedance analysis technique in Mexican schoolchildren. *Nutricion Hospitalaria*, 29(1): 88-93.
- Durnin, J.V.G.A., Womersley, J. 1974. Body fat assessed from total body density and its estimation from skinfold thickness: Measurements on 481 men and women aged from 16 to 72 years. *British Journal of Nutrition*, 32: 77-97.
- Edita, S., Srdic, B., Barak, O. 2005. Body mass index, body fat mass and the occurrence of amenorrhea in ballet dancers. *Gynecological Endocrinology*, 20(4): 195-199.
- El-Sherbiny, N.A., Mashahit, M.A., Sheir, R.E. 2014. Assessment of public awareness about body measurements among Fayoum Population. *World Health Organization Monograph*, 53: 50-84.
- Eyre, E.L.J., Duncan, M.J., Nevill, A. 2017. South Asian Children Have Increased Body Fat in Comparison to White Children at the Same Body Mass Index. *Molecular Diversity Preservation International*, 4:102.

- Farida, E.B. 2009. Impact of obesity and body fat distribution on pulmonary function of Egyptian children. *Egyptian Journal of Bronchology*, 3(1): 49-58.
- Friedl, K.E., Westphal, K.A., Marchitelli, L.J., Patton, J.F., Chumlea, W.C., Guo, S.S. 2002. Evaluation of anthropometric equations to assess body-composition changes in young women. *The American Journal of Clinical Nutrition*, 76(3):695.
- Frisancho, A.R. 1981. New norms of upper limb fat and muscle areas for assessment of nutritional status. *The American Journal of Clinical Nutrition*, 34: 2540-2545.
- Gallagher, D., Heymsfield, S.B., Heo, M. 2000. Healthy percentage body fat ranges: an approach for developing guidelines based on body mass index. *The American Journal of Clinical Nutrition*, 72: 694-701.
- Gibson, R.S. 2005. *Principal of Nutritional Assessment Second Edition*. New York: Oxford University Press Inc.
- Goran, M.I., Driscoll, P., Johnson, R., Nagy, T.R., Hunter, G. 1996. Cross-calibration of body-composition techniques against dual-energy X-ray absorptiometry in young children. *The American Journal of Clinical Nutrition*, 63(3): 299-305.
- Guricci, S., Hartriyanti, Y., Hautvast, J.G.A.J., Deurenberg, P. 1998. Relationship between body fat and body mass index: differences between Indonesians and Dutch Caucasians. *European Journal of Clinical Nutrition*, (52): 779-783.
- Hastuti, J., Kagawa, M., Byrne, N.M., Hills, A.P. 2018. Anthropometry to assess body fat in Indonesian adults. *The Asia Pacific Journal of Clinical Nutrition*, 27(3): 592-598.
- Heyward, V.H. 2006. *Advanced Fitness Assessment and Exercise Prescription*. United States of America: *Human Kinetics*.
- Heyward, V.H., Wagner, D.R. 2014. *Applied body composition assessment*. United States of America: *Human Kinetics*.
- Hidayati, S.N., Irawan, R., Hidayat, B. 2009. *Obesitas Pada Anak*. Surabaya: Divisi Nutrisi dan Penyakit Metabolik, Ilmu Kesehatan Anak, Fakultas Kedokteran Unair.
- Hussain, Z., Jafar, T., Zaman, M.U., Parveen, R., Saeed, F. 2010. Correlations of skin fold thickness and validation of prediction equations using DEXA as

the gold standard for estimation of body fat composition in Pakistani children. *British Medical Journal*, 4:4.

Indriati, E. 2009. *Antropometri untuk Kedokteran, Keperawatan, Gizi dan Olahraga*. Yogyakarta: PT. Citra Aji Parama.

Jackson, A.S., Pollock, M.L. 1978. Generalized equations for predicting body density. *British Journal of Nutrition*, 40(3): 497-504.

Janjic, J.M., Glisic, M., Baltic, M., Ciric, J., Boskovic, M., Popovic, M., Mirjana, L. 2016. Relationship between Body Mass Index and Body Fat Percentage among Adolescents from Serbian Republic. *Journal of Childhood Obesity*, 1(29).

Katzmarzyk, P.T., Barrreira, T.V., Broyles, S.T., Chaput, J.P., Fogelholm, M., Hu, G., Kuriyan, R., Kurpad, A., Lambert, E.V., Maher, C., Maia, J., Matsudo, V., Olds, T., Onywera, V., Sarmiento, O.L., Standage, M., Tremblay, M.S., Locke, C.T., Zhao, P., Church, T.S. 2015. Association between body mass index and boy fat in 9-11 year old children from countries spanning a range of human development. *International Journal of Obesity Supplements*, 5(2): 43-46.

Kehoe, S., Lubree, H.G., Guntupalli, A., Bhat, D.S., Fall, C.H.D., Kurpad, A., Krishnaveni, G.V., Wills, A.K., Veena, S.R., Kishore, R., Yajnik, C.S. 2011. Prediction of body fat percentage from skinfold and bio-impedance measurements in Indian school children. *European Journal of Clinical Nutrition*, 65(12): 1263-70

Kementerian Kesehatan Republik Indonesia. 2007. *Riset Kesehatan (Riskesdas) 2007*. Jakarta: Kementerian Kesehatan Republik Indonesia.

Kementerian Kesehatan Republik Indonesia. 2013. *Riset Kesehatan (Riskesdas) 2013*. Jakarta: Kementerian Kesehatan Republik Indonesia.

Kementerian Kesehatan Republik Indonesia. 2017. *Profil Kesehatan Indonesia Tahun 2017*. Jakarta: Kementerian Kesehatan Republik Indonesia.

Kependudukan Provinsi DIY. 2016. *Jumlah Penduduk Menurut Jenis Kelamin Semester II 2018*. Jogjakarta: Kependudukan Provinsi DIY.

Keputusan Menteri Kesehatan Republik Indonesia. 2010. *Standar Antropometri Penilaian Status Gizi Anak*. Diunduh dari: URL: <http://gizi.depkes.go.id/wp-content/uploads/2011/11/buku-sk-antropometri-2010.pdf>.

- Lindsay, R., Silverman, S.L., Cooper, C., Hanley, D.A., Barton, I., Broy, S.B., Licata, A., Benhamou, L., Geusens, P., Flowers, K., Stracke, H., Seeman, E. 2001. Risk of new vertebral fracture in the year following a fracture. *JAMA*, 285(3): 320-3.
- Lissau, I., Overpeck, M.D., Ruan, W.J., Holstein, B.E., Hediger, M.L. 2004. Body mass index and overweight in adolescents in 13 European countries, Israel, and the United States. *Archives of Pediatrics & Adolescent Medicine*, 158(1): 27-33.
- Lohman, T.G. 1992. Advances in boy composition assessment. *Human Kinetics*, 3.
- Lowe, C.U., Coursin, D.B., Heald, F.P., Holliday, M.A., O'Brien, D. 1968. Measurement of skinfold thickness in childhood. *American Academy of Pediatrics*, 1073-0397.
- Manary, M.J., Sandige, H.L. 2008. Management of acute moderate and severe childhood malnutrition. *The British Medical Journal*, 337.
- Mast, M., Kortzinger, I., Konig, E., Muller, M.J. 1998. Gender differences in fat mass of 5-7 years old children. *International Journal of Obesity*, 22: 878-884.
- Mastria, A., Adyaksa, G. 2014. Hubungan Persentase Lemak Tubuh dengan Total Body Water Mahasiswa Fakultas Kedokteran Universitas Diponegoro Semarang. *Jurnal Kedokteran Dipnegoro*, 3(1).
- Michaelsen, K.F., Jensen, S.M., Molgaard, C., Ejlerskov, K.T., Christensen, L.B., Briend, A. 2015. Validity of anthropometric measurements to assess body composition, including muscle mass, in 3-year-old children from the SKOT cohort. *Maternal and Child Nutrition*, 11(3): 398-408.
- Misnadiarly. 2007. *Obesitas sebagai Faktor Resiko beberapa Penyakit*. Jakarta: Pustaka Obor Populer.
- Noradilah, M.J., Ang. Y.N., Kamaruddin, M.A. 2016. Assessing body fat of children by skinfold thickness, bioelectrical impedance analysis, and Dual-Energy X-ray Absorptiometry. *Asia Pacific Journal of Public Health*, 74-84.
- Norton, K., Olds, T. 1996. *Antropometrika*. Australia: BIOSYSTEM.
- Novikasari. 2003. *Perubahan Berat Badan dan Status Gizi Mahasiswa Putra Jalur USMI Tahun 2002 pada Empat Bulan Pertama di IPB*. Bogor: Fakultas Pertanian, Institut Pertanian Bogor.

- Nuttall, F.Q. 2015. Body mass index. *Nutrition Today*, 50(3): 117–128.
- Obarzanek, E., Schreiber, G.B., Crawford, P.B., Goldman, S.R., Barrier, P.M., Frederick, M.M., Lakatos, E. 1994. Energy intake and physical activity in relation to indexes of body fat: the National Heart, Lung, and Blood Institute Growth and Health Study. *The American Journal of Clinical Nutrition*, 60(1): 15-22.
- Perrin, E.M., Flower, K.B., Ammerman, A.S. 2004. Body mass index charts: useful yet underused. *Journal Pediatric*, 144(4): 455-460.
- Pietrobelli, A., Faith, M.S., Allison, D.B., Gallagher, D., Chiumello, G., Heymsfield, S.B. 1998. Body mass index as a measure of adiposity among children and adolescents: a validation study. *The Journal of Pediatrics*, 132(2): 204-10.
- Ranasinghe, C., Gamage, P., Katulanda, P., Andraweera, N., Thilakarathne, S., Tharanga, P 2013. Relationship between Body mass Index (BMI) and body fat percentage, estimated by bioelectrical impedance, in a group of Sri Lankan adults: a cross sectional study. *BMC Public Health*, 13(797).
- Rodriguez, G., Moreno, L.A., Blay, M.G., Fleta, J., Sarria, A., Bueno, M. 2005. Body fat measurement in adolescents: comparison of skinfold thickness equations with dual-energy X-ray absorptiometry. *European Journal of Clinical Nutrition*, 59: 1158-165.
- Rosen, S., Shapouri, S. 2008. Obesity in the Midst of Unyielding Food Insecurity in Developing Countries. *Amber Waves*.
- Sarria, A., Garcia-Llop, L.A., Moreno, L.A., Fleta, J., Morellon, M.P., Bueno, M. 1998. Skinfold thickness measurements are better predictors of body fat percentage than body mass index in male Spanish children and adolescents. *European Journal of Clinical Nutrition*, 52(8): 573-6.
- Sherwood, L. 2001. Organ Endokrin Perifer, Fisiologi Manusia dari Sel ke Sistem. Jakarta: EGC.
- Slaughter, M.G., Lohman, T.G., Boileau, C.A., Horswill, R.J., Stillman, M.D., Loan, M.D. 1988. Skinfold equations for estimation of body fatness in children and youth. *Human Biology*, 660: 709-23.
- Snehalatha, C., Viswanathan, V., Ramachandran, A. 2003. Cutoff values for normal anthropometric variables in Asian Indian adults. *Diabetes Care*, 26(5): 1380-1384.

- Sugondo, S., Sudoyo, A.W., Setiyohadi, B., Alwi, I., Simadibrata, M., Setiasti, S. 2009. *Buku Ilmu Penyakit Dalam Jilid e 5th ed.* Jakarta: Departemen Ilmu Penyakit Dalam Fakultas Kedokteran Universitas Indonesia.
- Supariasa, I. D. N., Bakri, B., Fajar, I. (2012). *Penilaian Status Gizi.* Jakarta: EGC
- Thomas, E.L., Frost, G., Robinson, S.D. 2012. Excess body fat in obese and normal –weight subjects. *Nutrition Research Reviews*, 25: 150-161.
- Walley, A.J., Alexandra, I.F., Philippe, F. 2006. Genetics of obesity and the prediction of risk for health. *Human Molecular Genetics* 15, 2: 124-130.
- Wang, Z.M., Pierson, R.N., Heymsfield, S.B. 1992. The five-level model: a new approach to organizing body-composition research. *The American Journal of Clinical Nutrition*, 56: 19-28.
- Wickramasinghe, V.P., Lamabadusuriay, S.P., Cleghorn, G.J., Davies, P.S. 2008. Use of skin-fold thickness in Sri Lanka children : comparison of several prediction equations. *Indian Journal of Pediatrics*, 75.
- Wong, W.W., Stuff, J.E., Butte, N.F., Smith, E.O., Ellis, K.J. 2000. Estimating body fat in African American and white adolescent girls: a comparison of skinfold-thickness equations with a 4-compartment criterion model. *The American Journal of Clinical Nutrition*, 73: 348-354.
- World Health Organization. 2007. *Growth Reference Data For 5-19 Years.* Diunduh dari: <http://www.who.int/growthref/en/>
- World Health Organization. 2018. *Global Strategy on Diet, Physical Activity and Health.* Diunduh dari: URL: <http://www.who.int/dietphysicalactivity/childhood/en/>
- Yeung, D.C., Hui, S.S. 2010. Validity and reliability of skinfold measurement in assessing body fatness of Chinese children. *The Asia Pacific Journal of Clinical Nutrition*, 19(3): 350-357.