

DAFTAR PUSTAKA

- ADA. 2011. Standards of Medical Care in Diabetes-2011. *Diabetes Care* Vol 34 Supplement 1 : S11 – S61.
- ADA. 2016. Standards of Medical Care in Diabetes-2016. *Diabetes Care* Vol 39 Supplement 1 ISSN 0149-5992 American Diabetes Association.
- Adhitya, Surya Dhimas. 2016. Tingkat Aktivitas Fisik Operator Layanan Internet Mahasiswa Universitas Negeri Yogyakarta. *SKRIPSI*. Universitas Negeri Yogyakarta : Yogyakarta.
- Aliawati. A.A. 2011. Hubungan antara Pola Asupan Lemak dan Serat dengan Sindroma Metabolik pada Karyawan RSUP Dr. Sardjito. *SKRIPSI*. Universitas Gadjah Mada : Yogyakarta.
- Amini, M., Horri, N., Zare, M., Haqhiqi, S., Hosseini, S.M., Aminorrova, A., *et al.* 2010. People with Impaired Glucose Tolerance and Impaired Fasting Glucose are Similary Susceptible to Cardiovascular Disease: A Study in First Degree Relatives of Type 2 Diabetic Patients. *Ann Nutr Metab* 56 (4) : 267 – 272.
- Andani, Risky Dwi. 2014. Hubungan Rasio Lingkar Pinggang-Panggul dengan Resistensi Insulin pada Penderita Diabetes Mellitus Tipe 2 Dengan Obesitas di RSUP DR. Sardjito. *SKRIPSI*. Universitas Gadjah Mada : Yogyakarta.
- Andayani, Santika Budi. 2014. Obesitas sebagai Faktor Resiko Terjadinya Diabetes Melitus pada Karyawan Universitas Gadjah Mada Yogyakarta. *SKRIPSI*. Universitas Gadjah Mada : Yogyakarta.
- Anjangsari, K.N., dan Muflihah Isnawati. 2015. Hubungan Konsumsi Softdrink, Lingkar Pinggang, dan Aktivitas Fisik dengan Kadar Gula Darah Puasa pada Wanita Dewasa. *Journal of Nutrition College* 4 (2) : 162 – 170.
- Ansokowati, A.P. 2014. Asupan Energi, Persentase Energi dari Karbohidrat-Lemak dan Status Gizi Overweight/ Obesitas Remaja SMA Negeri Kota Yogyakarta. *THESIS*. Universitas Gadjah Mada : Yogyakarta.
- Aoyama-Sasabe, S., Fukushima, M., Xin, X., Taniguchi, A., Nakai, Y., Mitsui, R., *et al.* 2016. Insulin Secretory Defect and Insulin Resistance in Isolated Impaired Fasting Glucose and Isolated Impaired Glucose Tolerance. *Journal of Diabetes Research* ID 1298601 8p.
- Aradillas-Garcia, C. Malacara, J.M., Garay-Sevilla, M.E., Guizar, J.M., Camacho, N., Cruz-Mendoza, E.D., *et al.*, 2007. Prediabetes in Rural and Urban Children in 3 States in Mexico. *JCMS* 2 : 35-39.
- Arisman. 2010. *Gizi dalam Daur Kehidupan*. Jakarta : EGC.

- Aryandono, Rastro. 2014. Hemoglobin A1c untuk Diagnosis Prediabetes pada Individu dengan Faktor Resiko. *THESIS*. Universitas Gadjah Mada : Yogyakarta.
- Astuti, NB. 2015. Hubungan antara Lingkar Pinggang, Aktivitas Fisik, Kebiasaan Merokok, dan Pola Konsumsi dengan Tekanan Darah pada Remaja SMA di Distrik Abepura Kota Jayapura. *THESIS*. Universitas Gadjah Mada : Yogyakarta.
- Astuti, Yuniarti Dwi. 2012. Pengaruh Pemberian Jus Tomat terhadap Kadar Glukosa Darah pada Prediabetes. *SKRIPSI*. Universitas Diponegoro : Semarang.
- Bacha, F., Lee, S., Gungor, N., Arslanian, S.A., 2010. From Pre-Diabetes to Type 2 Diabetes in Obese Youth. *Diabetes Care* 33 : 2225-2231.
- Bajaj, Mandeep. 2012. Nicotine and Insulin Resistance: When the Smoke Clears. *Diabetes Journals* 61 (12) : 3078-3080.
- Basu, R., Barosa, C., Jones, J., Dube, S., Carter, R., Basu, A., *et al.* 2013. Pathogenesis of Prediabetes: Role of the Liver in Insulin Isolated Fasting Hyperglycemia and Combined Fasting and Postprandial Hyperglycemia. *J Clin Endocrinol Metab* 98 (3) : E409-E417.
- Bhupathiraju S.N., Tobias D.K., Malik V.S., Pan A., Hruby A., Manson J.E., Willet W.C., Hu F.B.. 2014. Glycemic Index, glycemic load, and risk of type 2 diabetes : results from 3 large US cohorts and an updated meta-analysis. *Am J Clin Nutr* 100: 218-232.
- Bloomgarden, Z.T. 2003. Fat Metabolism and Diabetes: 2003 American Diabetes Association Postgraduate Course. *Diabetes Care* 36 (7) : 2198-2203.
- Bock, G., Man, C.D., Campioni, M., Chittilapilly, E., Basu, R., Toffolo, G., *et al.* 2006. Pathogenesis of Prediabetes: Mechanisms of Fasting and Postprandial Hyperglycemia in People With Impaired Fasting Glucose and/or Impaired Glucose Tolerance. *Diabetes* 56 (12) : 3536-3549.
- Bock, G., Chittilapilly, E., Basu, R., Toffolo, G., Cobelli, C., Chandramoulli, V., *et al.* 2007. Contribution of Hepatic and Extrahepatic Insulin Resistance to the Pathogenesis of Impaired Fasting Glucose: Role of Increased Rates of Gluconeogenesis. *Diabetes* 56 (6) : 1703 – 1711.
- Boden, G., and Markku Laakso. 2004. Lipids and Glucose in Type 2 Diabetes. *Diabetes Care* 27 (9) : 2253 – 2257.
- Borodulin, K., Tuomilehto, J., Peltonen, M., Lakka, T.A., Sundvall, J., Jousilahti, P. 2006. Association of leisure time physical activity and abdominal obesity with fasting serum insulin and 2-h postchallenge plasma glucose levels. *Diabet Med* 23 (9) : 1025-1028.

- Brons, C., Jensen, C.B., Storgaard, H., Hiscock, N.J., White, A., Appel, J.S., *et al.* 2009. Impact of short term high-fat feeding on glucose and insulin metabolism in young healthy men. *J Physiol* 587 : 2387-2397.
- Brufani, C., Fintini, D., Ciampalini, P., Nocerino, V., Crea, F., Giannone, G., *et al.* 2011. Pre-diabetes in Italian Obese Children and Youngsters. *J Endocrinol Invest* 34 (9) : e275-80.
- Burns, S.F., Lee, S., Bacha, F., Tfayli, H., Hannon, T.S., Arslanian, S.A. 2014. Pre-diabetes in overweight youth and early atherogenic risk. *Metabolism Clinical and Experimental* 63 : 1528 – 1535.
- CDC. 2014. Smoking and Diabetes. www.cdc.gov/tobacco/data_statistics/sgr/50th-anniversary/pdfs/fs_smoking_diabetes_508 diakses pada 6 Januari 2017.
- Colberg, S.R., Sigal, R.J., Yardley, J.E., Riddel, M.C., Dunstan, D.W., Dempsey, P.C., *et al.* 2016. Physical Activity/Exercise and Diabetes: A Position Statement of the American Diabetes Association. *Diabetes Care* 39 : 2065-2079.
- Dagogo, S., Edeoga, C., Ebenibo, S., Nyenwe, E., Wan, Jim. 2014. Lack of Racial Disparity in Incident Prediabetes and Glycemic Progression Among Black and White Offspring of Parents With Type 2 Diabetes: The Pathobiology of Prediabetes in a Biracial Cohort (POP-ABC) Study. *J Clin Endocrinol Metab* 99 (6) : E1078–E108.
- Dahl-Petersen, I.K., Bjerrgaard, P., Brage, S., Jorgensen, M.E. 2013. Physical activity energy expenditure is associated with 2-h insulin independently of obesity among Inuit in Greenland. *Diabetes Research and Clinical Practice* 102 : 242 – 249.
- Danaei, G., Finucane, M.M., Lu, Y., Singh, G.M., Cowan, M.J., Paciorek, C.J., *et al.* 2011. National, regional, and global trends in fasting plasma glucose and diabetes prevalence since 1980: systematic analysis of health examination surveys and epidemiological studies with 370 country-years and 2.7 million participants. *Diabetes* Vol. 978, No. 9785, p.31-40.
- Despres, J.P., Lemieux, I., Prud'homme, D. 2001. Treatment of obesity: need to focus on high risk abdominally obese patients. *BMJ* 322 (7288) : 716 - 720.
- Diaz , M.E., Jimenez, S., Garcia, R.G., Bonet, M., Wong, I. 2009. Overweight, Obesity, Central Adiposity and Associated Chronic Diseases in Cuban Adults. *MEDICC Review* 11 (4) : 23 – 27.
- Diaz-Redondo, A., Garcia, C.G., Carrillo, L., Garcia-Soidan, F.J., Artola, S., Franch, J., *et al.* 2015. Modifiable Risk Factors Associated with Prediabetes in Men and Women: A Cross-sectional Analysis of The Cohort Study in Primary Health Care on the Evolution of Patients with

Prediabetes (PREDAPS-Study). *BMC Family Practice* 16 : 5.

Dunstan, D.W., Salmon, J., Owen, N., Armstrong, T., Zimmet, P.Z., Welborn, T.A., *et al.* 2004. Physical Activity and Television Viewing in Relation to Risk of Undiagnosed Abnormal Glucose Metabolism in Adults. *Diabetes Care* 27 : 2603-2609.

Dunstan, D.W., Salmon, J., Healy, G.N., Shaw, J.E., Jolley, D., Zimmet, P.Z., *et al.* 2007. Association of television viewing with fasting and 2-h postchallenge plasma glucose levels in adults without diagnosed diabetes. *Diabetes Care* 30 : 516-522.

Edriani, Amelia. 2012. Hubungan Faktor Sosial Ekonomi dan Faktor yang Tidak Bisa Dimodifikasi terhadap Diabetes Mellitus pada Lansia dan Prelansia di Kelurahan Depok Jaya, Depok, Jawa Barat pada Tahun 2012. *SKRIPSI*. Universitas Indonesia : Jakarta.

Ek, A. E., Rossner, S.M., Hagman, E., Marcus, C. 2014. High Prevalence of Prediabetes in a Swedish Cohort of Severely Obese Children. *Pediatric Diabetes* 16 (2) : 117 – 128.

Eliana, F., Suwondo, P., Makmun, L.H. 2009. Faktor Resiko Disfungsi Endotel pada Prediabetes. *Jurnal Kedokteran Yarsi* 17 (3) : 160-168.

Evans, J.L., Goldfine, I.D., Maddux, B.A., Grodsky, G.M. 2002. Oxidative Stress and Stress-Activated Signaling Pathways: A Unifying Hypothesis of Type 2 Diabetes. *Endocrine Reviews* 23 (5) : 599-622.

Faerch, K., Johnsen, K.B., Vaag, J.J.H.A. 2009. Pathophysiology and aetiology of impaired fasting glycaemia and impaired glucose tolerance: does it matter for prevention and treatment of type 2 diabetes?. *Diabetologia* 52 (9) : 1714 – 1723.

Farida, Sihna Siyahatan. 2016. Hubungan Sedentary Activity, Riwayat Diabetes Mellitus, Dislipidemia, dan Obesitas Keluarga serta Asupan Karbohidrat Sederhana dengan Peningkatan Level Trigliserida pada Remaja SMA di Kota Yogyakarta. *SKRIPSI*. Universitas Gadjah Mada : Yogyakarta.

Farni, K., Shoham, D.A., Cao, G., Luke, A.H., Layden, J., Cooper, R.S., *et al.* 2014. Physical activity and prediabetes – an unacknowledged mid-life crisis: findings from NHANES 2003 – 2006. *PeerJ* p.1-9.

Fatimah, Restyana Noor. 2015. Artikel Review Diabetes Mellitus Tipe 2. *J Majority* 5 (5) : 93-101.

Fawcett, J., Sang, H., Permana, P.A., Levy, J.L., Duckworth, W.C. 2010. Insulin metabolism in human adipocytes from subcutaneous and visceral depots. *Biochemical and Biophysical Research Communications* 402 : 762-766.

Ferrannini, E., Nannipieri, M., Williams, K., Gonzales, C., Haffner, S.M., Stern,

- M.P. 2004. Mode of Onset of Type 2 Diabetes from Normal or Impaired Glucose Tolerance. *Diabetes* 53 (1) : 160-165.
- Fiorentino, T.V., Marini, M.A., Andreozzi, F., Arturi, F., Succurro, E., Perticone, M., *et al.* 2015. One-Hour Postload Hyperglycemia Is a Stronger Predictor of Type 2 Diabetes Than Impaired Fasting Glucose. *J Clin Endocrinol Metab* 100 (10) : 3744-3751.
- Firda, K.C., Kapantow, N.H., Momongan, N.R. 2016. Hubungan antara Asupan Energi dengan Kadar Gula Darah pada Pegawai di UPTD Balai Pelatihan Kesehatan Dinas Kesehatan Provinsi Sulawesi Utara. <http://medkesfkm.unsrat.ac.id/wp-content/uploads/2016/11/Jurnal-19-1.pdf> diakses pada 25 Maret 2017.
- Fitri, R.I. dan Yekti Wirawanni. 2012. Asupan Energi, Karbohidrat, Serat, Beban Glikemik, Latihan Jasmani dan Kadar Gula Darah pada Pasien Diabetes Mellitus Tipe 2. *M Med Indones* 46 (2) : 21-31.
- Gandy, J.W., Madden, A., Holdsworth, M. 2014. *Gizi dan Dietetika*. Jakarta : EGC.
- Gerstein, H.C., Santaquida, P., Raina, P., Morrison, K.M., Balion, C., Hunt, D., *et al.* 2007. Annual incidence and relative risk of diabetes in people with various categories of dysglycemia: a systematic overview and meta-analysis of prospective studies. *Diabetes Res Clin Pract* 78 (3) : 305-12.
- Ghody, P., Shikha, D., Karam, J., Bahtiyar, G. 2015. Identifying prediabetes - Is it beneficial in the long run?. *Maturitas* 81 (2) : 282-6.
- Gholi, Z., Heidari-Beni, M., Feizi, A., Iraj, B., Askari, G. 2016. The characteristics of pre-diabetic patients associations with body composition and cardiovascular disease risk factors in the Iranian Population. *J Res Med Sci* 21 : 20 PMC5122248.
- Gibbs, B.B., Gabriel, K.P., Reis, J.P., Jakicic, J.M., Carnethon, M.R., Sternfeld, B. 2015. Cross-sectional and Longitudinal Associations Between Objectively Measured Sedentary Time and Metabolic Disease: The Coronary Artery Risk Development in Young Adults (CARDIA) Study. *Diabetes Care* 38 (10) : 1835 - 1843.
- Gower, B.A., Goree, L.L., Chandler-Laney, P.C., Ellis, A.C., Casazza, K., Granger, W.M. 2012. A higher-carbohydrate, lower-fat diet reduces fasting glucose concentration and improves β -cell function in individuals with impaired fasting glucose. *Metabolism Clinical and Experimental* 61 : 358 – 365.
- Gower, B.A and Goss, A.M. 2014. A Lower-Carbohydrate, Higher-Fat Diet Reduces Abdominal and Intermuscular Fat and Increases Insulin Sensitivity in Adults at Risk of Type 2 Diabetes. *J Nutr* 145 : 177S-83S.

- Heikkila, H.M., Schwab, U., Krachler, B., Mannikko, R., Rauramaa, R. 2012. Dietary associations with prediabetic states – The DR’s Study. *Eur J Clin Nutr* 66 : 819-824.
- Heikkila, H.M., Krachler, B., Savonen, K., Hessinen, M., Rauramaa, R., Schwab, U.S. 2013. Combined low-saturated fat intake and high fitness may counterbalance diabetogenic effects of obesity: the DR’s EXTRA Study. *Eur J Clin Nutr* 67 (9) : 1000-2.
- Heikkila, H.M., Krachler, B., Rauramaa, R., Schwab, U.S. 2014. Diet, Insulin Secretion, and Insulin Sensitivity – The Dose-Responses to Exercise Training (DR’s EXTRA) Study (ISRCTN45977199). *British Journal of Nutrition* 112 : 1530-1541.
- Heron N., Tully, A.M., McKinley, M.C., Cupples, M.E. 2014. Physical activity assessment in practice: a mixed methods study of GPPAQ use in primary care. *BMC Family Practice* 15:11.
- Hordern M.D., Dunstan D.W., Prins J.B., Baker M.K., Singh M.A., Coombes J.S. 2012. Exercise prescription for patients with type 2 diabetes and pre-diabetes: A position statement from Exercise and Sport Science Australia. *Journal of Science and Medicine in Sport* 15 (1) : 25-31.
- Horst, K.W., Gilijamse, P.W., Ackermans, M.T., Soeters, M.R., Nieuwdorp, M., Romijn, J.A., *et al.* 2016. Impaired insulin action in the liver, but not in adipose tissue or muscle, is a distinct metabolic feature of impaired fasting glucose in obese humans. *Metabolism Clinical and Experimental Journal* 65 (5) : 757 – 763.
- Hu, F.B., Li, T.Y., Colditz, G.A., Willet, W.C., Manson, J.E. 2003. Television Watching and Other Sedentary Behaviours in Relation to Risk of Obesity and Type 2 Diabetes Mellitus In Women. *JAMA* 289 (24) : 1785 – 1791.
- Hutabarat, YHN. 2012. Obesitas Sentral sebagai Faktor Resiko Terjadinya Prediabetes di Kota Cimahi. *TESIS*. Universitas Gadjah Mada : Yogyakarta.
- IDF. 2014. IDF Diabetes Atlas Sixth Edition. *International Diabetes Federation* : Belgium.
- IPAQ. 2004. Guidelines for Data Processing and Analysis of the International Physical Activity Questionnaire (IPAQ) - Short Form. *IPAQ*.
- Irawan, Dedy. 2010. Prevalensi dan Faktor Resiko Kejadian Diabetes Mellitus di Daerah Urban Indonesia (Analisa Data Sekunder Riskesdas 2007). *THESIS*. Universitas Indonesia : Jakarta.
- Jalal, F., Liputo, N.I., Susanti, N., Oenzil, F. 2006. Hubungan Lingkar Pinggang dengan Kadar Gula Darah, Trigliserida dan Tekanan Darah pada Etnis Minang di Kabupaten Padang Pariaman, Sumatera Barat. *Respository*

Universitas Andalas : Sumatera Barat.

- Jelantik, I.G.M.G., dan Erna Haryati. 2014. Hubungan Faktor Resiko Umur, Jenis Kelamin, Kegemukan, dan Hipertensi dengan Kejadian Diabetes Mellitus di Wilayah Kerja Puskesmas Mataram. *Media Bina Ilmiah* 8 (1) ISSN No.1978-3787.
- Jeppesen, C., Bjerregaard, P., Jorgensen, M. 2013. Dietary Patterns in Greenland and Their Relationship with Type 2 Diabetes Mellitus and Glucose Intolerance. *Public Health Nutrition* 17 (2) : 462 – 470.
- Jorge-Galarza, E., Medina-Urrutia, A., Posdas-Sanchez, R., Posdas-Romero, C., Cardodo-Saldana, G., Vargas-Alarcon, G., *et al.* 2016. Adipose tissue dysfunction increases fatty liver association with pre diabetes and newly diagnosed type 2 diabetes mellitus. *Diabetol Metab Syndr* 9 : 73.
- Juleka. 2005. Hubungan Pola Makan dengan Pengendalian Kadar Glukosa Darah Pengidap Diabetes Melitus Tipe 2 Rawat Jalan di RSUD Gunung Jati Cirebon. *THESIS*. Universitas Gadjah Mada : Yogyakarta.
- Kanat, M., Norton, L., Winnier, D., Jenkinson, C., DeFronzo, R.A., Abdul-Ghani, M.A. 2011. Impaired early- but not late-phase insulin secretion in subjects with impaired fasting glucose. *Acta Diabetologia*. 48 : 209.
- Karter, A.J., Mayer-Davis, E.J., Selby, J.V., D'Angostino Jr, R.B., Haffner, S.M., Sholinsky, P., *et al.* 1996. Insulin Sensitivity and Abdominal Obesity in African-American, Hispanic, and Non-Hispanic White Men and Women: The Insulin Resistance and Atherosclerosis Study. *Diabetes* 45 (11) : 1547-1555.
- Katzmarzyk, P.T., Heymsfield, S.B., Bouchard, C. 2013. Clinical utility of visceral adipose tissue for the identification on cardiometabolic in white and African American Adults. *Am J Clin Nutr* 97 : 480-6.
- Kemenkes R.I. 2013. Batasi Gula, Garam, dan Lemak untuk Hidup Sehat Terhindar dari Penyakit Tidak Menular. *perpustakaan.depkes.go.id* diakses tanggal 17 Januari 2017.
- Kim, D., MacConell, L., Zhuang, D., Kothare, P.A., Trautmann, M., Fineman, M., *et al.* Effects of Once Weekly Dosing of Long-Lasting Release Formulation of Exenatide on Glucose Control and Body Weight in Subjects With Type 2 Diabetes. *Diabetes Care* 30 (6) : 1487 – 1492.
- Krishnan, S., Steffen, L.M., Paton, C.M., Cooper, J.A. 2017. Impact of Dietary Fat Composition on Prediabetes: A 12-year Follow-up Study. *Public Health Nutr* 31 (1) : 1-10.
- Kristanti, C.M. 2002. Kondisi Fisik Kurang Gerak dan Instrumen Pengukuran. *Media Litbang Kesehatan* 12 (1) : 1-5.

- Kurniawan, Indra. 2010. Diabetes Mellitus Tipe 2 pada Usia Lanjut. *Maj.Kedokt Indon* 60 (12) : 576-584.
- Kusumarini, Putu. 2007. Hubungan antara Parameter Obesitas Abdominal (Lingkar Pinggang) dengan Hipertrofi Ventrikel Kiri pada Populasi Diabetes Mellitus Tipe 2. *THESIS*. Universitas Gadjah Mada : Yogyakarta.
- Li, S., Guo, S., He, F., Zhang, M., He, J., Yan, Y., *et al.* 2015. Prevalence of Diabetes Mellitus and Impaired Fasting Glucose Associated with Risk Factors in Rural Kazakh Adults in Xinjiang, China. *Int. J. Environ. Res. Public Health* 12 : 554-565.
- Liu, X., Fine, J.P., Chen, Z., Liu, L., Li, X., Wang, A., *et al.* 2016. Prediction of The 20-year Incidence of Diabetes in Older Chinese. *Medicine* 95 : 40.
- Lowell, B.B., *and* Shulman, G.I. 2005. Mitochondrial Dysfunction and Type 2 Diabetes. *Science* 307 : 384 -387.
- Lukniadi, Ilham Agung. 2013. Hubungan Tingkat Asupan Makanan dengan Perubahan Kadar Gula Darah pada Pasien Rawat Inap Diabetes Melitus Tipe 2 di RSUP DR. Sardjito Yogyakarta. *SKRIPSI*. Universitas Gadjah Mada : Yogyakarta.
- Marshall, J.A., Hamman, R.F., Baxter, J. 1991. High-Fat, Low-Carbohydrate Diet and The Etiology of Non-Insulin Dependent Diabetes Mellitus: The San Luis Valley Diabetes Study. *Am J Epidemiol* 134 (6) : 590-603.
- Marshall, J.A., Bessen, D.H., Hamman, R.F. 1997. High saturated fat and low starch and fibre are associated with hyperinsulinemia in a non-diabetic population: The San Luis Valley Diabetes Study. *Diabetologia* 40: 430-438.
- Martinez-Larrad, M.T., Corbaton-Anchuelo, A., Fernandez-Perez, C., Lazcano-Redondo, Y., Escobar-Jimenez, F., Serrano-Rios, M. 2016. Metabolic Syndrome, Glucose Tolerance Categories, and The Cardiovascular Risk in Spanish Population. *Diabetes Res Clin Pract* 114 : 23 – 31.
- Mayer-Davis, E.J., Monaco, J.H., Hoen, H.M., Carmichael, S., Vitolins, M.Z., Rewers, M.J., *et al.* 1997. Dietary Fat and Insulin Sensitivity in Triethnic Population : The Role of Ovesity – The Insulin Resistance Atherosclerosis Study (IRAS). *Am J Clin Nutr* 65 (1) : 79 – 87.
- McGarry, J.D., 2001. Dysregulation of Fatty Acid Metabolism in the Etiology of Type 2 Diabetes. *Banting Lecture University of Texas Southwestern Medical Center*.
- Medawati, Ana. 2005. Hubungan Antara Asupan Energi, Asupan Lemak, dan Obesitas pada Remaja SLTP di Kota Yogyakarta dan Kabupaten Bantul. *SKRIPSI*. Universitas Gadjah Mada : Yogyakarta.

- Melchalida, Farah. 2011. Hubungan Lingkar Pinggang, Frekuensi Konsumsi Makanan Gorengan, dan Aktivitas Fisik dengan Kadar Glukosa Darah pada Wanita Dewasa. *SKRIPSI*. Universitas Diponegoro : Semarang.
- Meyer, C., Pimenta, W., Woerle, H.J., Haeften, T.V., Szoke, E., Mitrakou, A., *et al.* 2006. Different Mechanisms for Impaired Fasting Glucose and Impaired Postprandial Glucose Tolerance in Humans. *Diabetes Care* 29 : 1909-1914.
- Mokdad, A.H., Ford, E.S., Bowman, B.A., Dietz, W.H., Vinicor, F., Bales, V.S., Marks, J.S. 2003. Prevalence of Obesity, Diabetes, and Obesity-Related Health Risk Factors, 2001. *JAMA* 289 (1) : 76-79.
- Mori, Y., Hoshino, K., Yokota, K., Yokose, T., Tajima, N. 2005. Increased Visceral Fat and Impaired Glucose Tolerance Predict the Increased Risk of Metabolic Syndrome in Japanese Middle-Aged Men. *Exp Clin Endocrinol Diabetes* 113 (6) : 334 – 339.
- Muraki, I., Imamura, F., Manson, J.E., Hu, F.B., Willet, W.C., van Dam, R.M., Sun, Qi. 2013. Fruit consumption and risk of type 2 diabetes: results from three prospective longitudinal cohort studies. *BMJ* 347.
- Novitasary, M.D., Mayulu, N., Kawenginan, S.E.S. 2103. Hubungan antara Aktivitas Fisik dengan Obesitas pada Wanita Usia Subur Peserta Jamkesmas di Puskesmas Wowosana Kecamatan Singkil Manado. *Jurnal e-Biomedik* 1 (2) : 1040-1046.
- Oviyanti, P.N. 2010. Hubungan antara Lingkar Pinggang dan Rasio Lingkar Pinggang – Panggul dengan Tekanan Darah pada Subjek Orang Dewasa. *SKRIPSI*. Universitas Sebelas Maret : Surakarta.
- Owen, C.G., Kapetanakis, V.V., Rudnicka, A.R., Wathern, A.K., Lennon, L., Papacosta, O., *et al.* 2015. Body mass index in early and middle adult life: prospective associations with myocardial infarction, stroke and diabetes over a 30-year period: the British Regional Heart Study. *BMJ Open* 5 (9): e008105.
- Parjiono, A.S. 2015. Asupan Zat Gizi, Aktivitas Fisik, Obesitas Abdominal sebagai Faktor Resiko Terjadinya Dislipidemia pada Pasien di Laboratorium Paramita Yogyakarta. *THESIS*. Universitas Gadjah Mada : Yogyakarta.
- PERKENI. 2006. *Konsensus Pengelolaan dan Pencegahan Diabetes Mellitus Tipe 2 di Indonesia 2006*. Jakarta : Perkumpulan Endokrinologi Indonesia.
- PERKENI. 2011. *Konsensus Pengelolaan dan Pencegahan Diabetes Mellitus Tipe 2 di Indonesia*. Jakarta : Perkumpulan Endokrinologi Indonesia.
- Pertiwi, Shinta. 2014. Hubungan Obesitas, Hipertensi, Keturunan, dan Pola Makan dengan Kejadian Diabetes Mellitus. *SKRIPSI*. Universitas Gadjah

Mada : Yogyakarta.

- Pham, N.M. and Karen Eggleston. 2016. Prevalence and determinants of diabetes and prediabetes among Vietnamese adults. *Diabetes Research and Clinical Practice* 113 : 116 – 124.
- Piche, M.E., Despres, J.P., Pascot, A., Nadeau, A., Tremblay, A., Weisnagel, S.J., et al. 2004. Impaired Fasting Glucose vs. Glucose Intolerance in Pre-menopausal Women : Distinct Metabolic Entities and Cardiovascular Disease Risk?. *Diabetis Medicine* 21 (7) : 730 – 737.
- Pratiwi, Dita Retno. 2012. Hubungan antara Obesitas, Aktivitas Fisik, dan Riwayat Merokok dengan Kejadian Prediabetes pada Laki-laki Usia \geq 45 tahun di Kota Yogyakarta. *THESIS*. Universitas Gadjah Mada : Yogyakarta.
- Rahadiyanti, Ayu. 2014. Hubungan Asupan Makan DASH-Like Diet dengan Resiko Hipertensi pada Wanita Prediabetes di Daerah Puskesmas Tlogosari Kulon Kota Semarang. *THESIS*. Universitas Gadjah Mada : Yogyakarta.
- Rahim, M.A., Azad, K.A.K., Nahar, Q., Ali, S.M., Hussain, A. 2010. Impaired Fasting Glucose and Impaired Glucose Tolerance in Rural Population of Bangladesh. *Bangladesh Med Res Counc Bull* 36 (2) : 47 - 51.
- Ranggadwipa, D.D. 2014. Hubungan Aktivitas Fisik dan Asupan Energi terhadap Massa Lemak Tubuh dan Lingkar Pinggang pada Mahasiswa Fakultas Kedokteran Universitas Diponegoro. *SKRIPSI*. Universitas Diponegoro : Semarang.
- Rhee, S.Y., Woo, J., Chon, S., Hwang, Y.C., Oh, S., Ahn, K.J., et al. 2010. Characteristics of insulin resistance and insulin secretory capacity in Korean subjects with IFG and IGT. *Diabetes Research and Clinical Practice* 89 : 250 – 255.
- Riccardi, G., Giacco, R., Rivellese, A.A. 2004. Dietary Fat, Insulin Sensitivity, and The Metabolic Syndrome. *Clinical Nutrition* 23 : 447 – 456.
- Riskesdas. 2007. *Riset Kesehatan Dasar (RISKESDAS 2007)*. Jakarta : Badan Litbangkes Kemenkes R.I.
- Riskesdas. 2013. *Riset Kesehatan Dasar (RISKESDAS 2013)*. Jakarta : Badan Litbangkes Kemenkes R.I.
- Saito, T., Watanabe, M., Nishida, J., Izumi, T., Omura, M., Takagi, T., et al. 2011. Lifestyle Modification and Prevention of Type Diabetes in Overweight Japanese With Impaired Fasting Glucose Levels : A Randomized Controlled Trial. *Arch Intern Med* 171 (15) : 1353 – 1360.
- Sargowo, D dan Sri A. 2011. The Relationship Between Food Intake and

Adolescent Metabolic Syndrome. *Jurnal Kardiologi Indonesia* 32: 14-23
ISSN 0126/3773.

Shah, M., and Abhimanyu G. 1996. High-Fat and High-Carbohydrate Diets and Energy Balance. *Diabetes Care* 19 (10) : 1996 – 1151.

Singh, K., Ansari, M., Galipeau, J., Garritty, C., Keely, E., Malcolm, J. 2012. An Evidence Map of Systematic Reviews to Inform Interventions in Prediabetes. *Canadian Journal of Diabetes* 36 (5) : 281-291.

Sinha, R., Fisch, G., Teague, B., Tamborlane, V., Banyas, B., Allen, K., et al. 2002. Prevalence of Impaired Glucose Tolerance Among Children and Adolescents with Marked Obesity. *The New England Journal of Medicine* 346 (11) : 802 – 810.

Sleddering, M.A., Bakker, L.E.H., Janssen, L.G.M., Meinders, A.E., Jazet, I.M. 2014. Higher insulin and glucagon-like peptide-1 (GLP-1) levels in healthy, young South Asians as compared to Caucasians during an oral glucose tolerance test. *Metabolism Clinical and Experimental* 63 : 226 - 232.

Sitoayu, Laras. 2010. Asupan Karbohidrat dan Kadar Glukosa Darah pada Pasien Diabetes Melitus Tipe 2 Anggota PERSADIA RSUD Kota Yogyakarta. *SKRIPSI*. Universitas Gadjah Mada : Yogyakarta.

Song, J., Zha, X., Li, H., Guo, R., Zhu, Y., Wen, Y. 2016. Analysis of Blood Glucose Distribution Characteristics and Its Risk Factors among a Health Examination Population in Wohu (China). *Int. J. Environ. Res. Public Health* 13 : 392.

Sudibjo, P., Arovah, N.I., Ambardini, R.L. 2013. Tingkat Pemahaman dan Survei Level Aktivitas Fisik, Status Kecukupan Energi, dan Status Antropometrik Mahasiswa Program Studi Pendidikan Kepelatihan Olahraga FIK UNY. *MEDIKORA* 11 (2) : 183-203.

Supariasa, I.D.N., Bakri, B., Fajar, I. 2014. *Penilaian Status Gizi*. Jakarta : EGC.

Suzuki, H., Fukushima, M., Usami, M., Ikeda, M., Taniguchi, A., Nakai, Y., et al. 2003. Factors Responsible for Development from Normal Glucose Tolerance to Isolated Postchallenge Hyperglycemia. *Diabetes Care* 26 : 1211-1215.

Tabak, A.G., Herder, C., Rathmann, W., Brunner, E.E., Kivimaki, M. 2012. Prediabetes : A high-risk state for developing diabetes. *Lancet* 379 (9833) : 2279 – 2290.

Targher G. 2005. How does smoking affect insulin sensitivity?. *Diabetes Voice* 50 : 23-25.

Taylor, R.W., Jones, E.J., Williams, S.M., Goulding, A., 2000. Evaluation of Waist

Circumference, Waist-to-Hip Ratio, and the Conicity Index as Screening Tools for High Trunk Fat Mass, as Measured by Dual Energy X-Ray Absorptiometry, in Children Aged 3-19 y. *Am J Clin Nutr*, 72 : 490-495.

Teshima, N., Shimo, M., Miyazawa, K., Konegawa, S., Matsumoto, A., Onishi, Y., *et al.* 2015. Effects of Sugar-Sweetened Beverage Intake on Development of Type 2 Diabetes Mellitus in Subjects with Impaired Glucose Tolerance: The Mihama Diabetes Prevention Study. *J Nutr Sci Vitamin* 61 (1): 14-19.

Thanopoulou, A.C., Karamanos, B.G., Angelico, F.V., Assaad-Khalil, S.H., Barbato, A.F., Ben, M.P.D., *et al.* 2003. Dietary Fat Intake as Risk Development of Diabetes. *Diabetes Care* 26 : 302-307.

Tjiptaningrum, P.R.A dan Basuki W. 2013. The Correlation Between Obesity and Prediabetes Among The Student of Lampung University 2013. *Jurnal Kedokteran Unila* hlm. 115-121 ISSN 2337-3776.

Trisnawati, S.K. dan Soedijono S. 2013. Faktor Risiko Kejadian Diabetes Melitus Tipe II Di Puskesmas Kecamatan Cengkareng Jakarta Barat Tahun 2012. *Jurnal Ilmiah Kesehatan* 5 (1) : 6-11.

Unwin, N., Shaw, J., Zimmet, P., Alberti, K.G.M.M. 2002. Impaired Glucose Tolerance and Impaired Fasting Glycaemia: The Current Status on Definition and Intervention. *Diabetic Medicine* 19 : 708-723.

Uhthi, C.N. 2014. Hubungan Aktivitas Fisik dan Suku dengan Kejadian Diabetes Mellitus pada Pegawai Universitas Gadjah Mada. *SKRIPSI*. Universitas Gadjah Mada : Yogyakarta.

Vaidya, A., Cui, L., Sun, L., Lu, B., Chen, S., Liu, X., *et al.* 2016. A Prospective Study of Impaired Fasting Glucose and Type 2 Diabetes in China: The Kailuan Study. *Medicine* 95 : 46.

Vertikal, Luh Anggi. 2012. Aktivitas Fisik, Asupan Energi, dan Asupan Lemak Hubungannya dengan Gizi Lebih pada Siswa SD Negeri Pondokcina 1 Depok tahun 2012. *SKRIPSI*. Universitas Indonesia : Jakarta.

Wahyuningsih, R. 2013. *Penatalaksanaan Diet pada Pasien*. Yogyakarta : Graha Ilmu.

Weir, G.C, and Bonner-Weir, S. 2004. Five Stages of Evolving β -cell Dysfunction During Progression of Diabetes. *Diabetes* 53 (3) : S16-21.

WHO. 2000. *The Asia-Pacific perspective: Redefining Obesity and Its Treatment*. Australia : Health Communications Australia.

WHO. 2008. *Waist Circumference and Waist-Hip Ratio*. Geneva : World Health Organization.

WHO. 2010. *Global Recommendations on Physical Activity For Health*.

Switzerland : World Health Organization.

WHO. 2012. *Global Physical Activity Questionnaire (GPAQ) Analysis Guide*.
Switzerland : WHO.

Yin, Y., Han, W., Wang, Y., Zhang, Y., Wu, S., Zhang, H., *et al.* 2015.
Identification of Risk Factors Affecting Impaired Fasting Glucose and
Diabetes in Adult Patients from Northeast China. *Int. J. Environ. Res.*
Public Health 12 : 12662-12678.

Zhang, M., Zhu, Y., Li, P., Chang, H., Wang, X., Liu, W., *et al.* 2015. Associations
between Dietary Patterns and Impaired Fasting Glucose in Chinese Men:
A Cross-Sectional Study. *Nutrients* 5: 8072-8089.

Zuhdy, Nabila. 2015. Hubungan Pola Aktivitas Fisik dan Pola Makan dengan
Status Gizi pad Pelajar Putri SMA Kelas 1 di Denpasar Utara. *THESIS*.
Universitas Udayana : Denpasar.