

DAFTAR PUSTAKA

- Abbas Raza S dan Hassan M 2014. Diabetic Patients and Ramadan. JAFES; 28:21-25.
- Acerini C, Craig ME, De Beaufort C, Maahs DM dan Hanas R 2014. Introduction to I SPAD Clinical Practice Consensus Guidelines 2014 Compendium. *Pediatr Diabetes*; 15 Suppl 20:1-3.
- Al-Arouj M, Assaad-Khalil S, Buse J, Fahdil I, Fahmy M, Hafez S, Hassanein M, Ibrahim MA, Kendall D, Kishawi S, Al-Madani A, Nakhi AB, Tayeb K dan Thomas A 2010. Recommendations for management of diabetes during Ramadan: update 2010. *Diabetes Care*; 33:1895-902.
- Al-Khawari M, Al-Ruwayeh A, Al-Doub K dan Allgrove J 2010. Adolescents on basal-bolus insulin can fast during Ramadan. *Pediatr Diabetes*; 11:96-100.
- Alalwan I dan Banyan AA 2010. Effects of Ramadan fasting on children with Type 1 diabetes. *Int J Diabetes Mellit*; 2:127-29.
- American_Diabetes_Association 2014. Standards of medical care in diabetes-2014. *Diabetes Care*; 37 Suppl 1:S14-80.
- Armbruster DA 1987. Fructosamine: structure, analysis, and clinical usefulness. *Clin Chem*; 33:2153-63.

- Azad K, Mohsin F, Zargar AH, Zabeen B, Ahmad J, Raza SA, Tayyeb S, Bajaj S, Ishtiaq O dan K alra S 2012. Fasting guidelines for diabetic children and adolescents. *Indian J Endocrinol Metab*; 16:516-8.
- Azizi F 2013. Islamic fasting and diabetes. *Journal of Fasting and Health*; 1:1-5.
- Baker J, Reid I dan Holdaway I 1985a. Serum fructosamine in patients with diabetes mellitus. *N Z Med J*; 98:532-5.
- Baker JR, Metcalf PA, Holdaway IM dan Johnson RN 1985b. Serum fructosamine concentration as a measure of blood glucose control in type I (insulin dependent) diabetes mellitus. *Br Med J*; 290:352-5.
- Baker JR, O'connor JP, Metcalf PA, Lawson MR dan Johnson RN 1983. Clinical usefulness of estimation of serum fructosamine concentration as a screening test for diabetes mellitus. *British Medical Journal (Clinical research ed.)*; 287:863-867.
- Benaji B, Mounib N, Roky R, Aadil N, Houti IE, Moussamih S, Maliki S, Gressier B dan El Ghomari H 2006. Diabetes and Ramadan: review of the literature. *Diabetes Res Clin Pract*; 73:117-25.
- Benbarka MM, Khalil AB, Beshyah SA, Marjei S dan Awad SA 2010. Insulin pump therapy in muslim patients with type 1 diabetes during ramadan fasting: an observational report. *Diabetes Technol Ther*; 12:287-90.

- Braatvedt G D, D rury PL dan C undy T 1997. A ssuming g lycemic c ontrol i n diabetes: r elationships bet ween fructosamine an d H bA1C. N Z Med J ; 110:459-62.
- Bucala R, Vlassara H dan Cerami A 1994. Advanced glycosylation endproducts: Role in di abetic and non -diabetic v ascular di sease. D rug D evelopment Research; 32:77-89.
- Cefalu W T, Bell-Farrow A D, P etty M , I zlar C dan S mith J A 199 1. C linical validation of a second-generation fructosamine assay. Clin Chem; 37:1252-6.
- Chamsi-Pasha H dan Aljabri K 2014. The diabetic patient in Ramadan. Avicenna J Med; 4:29-33.
- Craig M E, J efferies C , D abelea D , B alde N , S eth A dan D onaghue K C 2014. Definition, e pidemiology, and c lassification of di abetes i n c hildren an d adolescents. Pediatr Diabetes; 15 Suppl 20:4-17.
- Dabelea D, Mayer-Davis EJ, Saydah S dan Et Al. 2014. PRevalence of type 1 and type 2 diabetes among children and adolescents from 2001 to 2009. JAMA; 311:1778-86.
- De Schepper J, Derde MP, Goubert P dan Gorus F 1988. Reference values for fructosamine c oncentrations i n c hildren's s era: i nfluence o f pr otein concentration, age, and sex. Clin Chem; 34:2444-7.

- Desjarlais F , C omtois R , B eauregard H , N guyen M dan Letellier G 19 89. Technical and clinical ev aluation of fructosamine d etermination i n serum. Clin Biochem; 22:329-35.
- Dixon B, Peter Chase H, Burdick J, Fiallo-Scharer R, Walravens P, Klingensmith G, Rewers M dan Garg SK 2005. Use of insulin glargine in children under age 6 with type 1 diabetes. *Pediatr Diabetes*; 6:150-4.
- Dominiczak MH, Orrell JM dan Finlay WEI 1989. The effect of hypoalbuminaemia, hyperbilirubinaemia and renal failure on serum fructosamine concentration in non-diabetic individuals. *Clinica Chimica Acta*; 182:123-129.
- Donaghue KC, Wadwa RP, Dimeglio LA, Wong TY, Chiarelli F, Marcovecchio ML, Salem M , R aza J , H ofman PL da n C raig ME 20 14. Microvascular and macrovascular c omplications i n c hildren and a dolescents. *P ediatr Diabetes*; 15 Suppl 20:257-69.
- Duly EB, Grimason S, Grimason P, Barnes G dan Trinick TR 2003. Measurement of s erum al bumin by capillary zone el ectrophoresis, br omocresol g reen, bromocresol purple, and immunoassay methods. *J Clin Pathol*; 56:780-1.
- Freckmann G, Baumstark A, Jendrike N, Zschornack E, Kocher S, Tshiananga J, Heister F d an H aug C 201 0. System accuracy ev aluation of 27 bl ood glucose m onitoring s ystems ac cording t o D I N E N I SO 15 197. *D iabetes Technol Ther*; 12:221-31.

Freckmann G , Schmid C , Baumstark A , Pleus S , Link M dan Haug C 2012. System accuracy evaluation of 43 blood glucose monitoring systems for self-monitoring of blood glucose according to DIN EN ISO 15197. *J Diabetes Sci Technol*; 6:1060-75.

Fulcher GR, Gilbert RE dan Y ue DK 2005. Glargine is superior to neutral protamine Hagedorn for improving glycated haemoglobin and fasting blood glucose levels during intensive insulin therapy. *Intern Med J*; 35:536-42.

Golembiewska E 2004. Diagnostic value of fasting glucose, fructosamine, and glycated haemoglobin HbA(1c) with regard to ADA 1997 and WHO 1998 criteria for detecting diabetes and other glucose tolerance abnormalities. *Ann Acad Med Stetin*; 50:131-8.

Gustaviani R, Soewondo P, Semiardji G dan Sudoyo AW 2004. The influence of calorie restriction during the Ramadan fast on serum fructosamine and the formation of beta hydroxybutyrate in type 2 diabetes mellitus patients. *Acta Med Indones*; 36:136-41.

Hanas R dan John G 2010. 2010 consensus statement on the worldwide standardization of the hemoglobin A1C measurement. *Diabetes Care*; 33:1903-4.

Hawli YMA, Zantout MS dan Azar ST 2009. Adjusting the basal insulin regimen of patients with type 1 diabetes mellitus receiving insulin pump therapy during the Ramadan fast: A case series in adolescents and adults. *Curr Ther Res Clin Exp*; 70:29-34.

- He JS, Xie PS, Luo DS, Sun CJ, Zhang YG dan Liu FX 2014. Role of immune dysfunction in pathogenesis of type 1 diabetes mellitus in children. *Asian Pac J Trop Med*; 7:823-6.
- Hinzmann R, Schlaeger C dan Tran CT 2012. What do we need beyond hemoglobin A1c to get the complete picture of glycemia in people with diabetes? *Int J Med Sci*; 9:665-81.
- Hui E dan Devendra D 2010. Diabetes and fasting during Ramadan. *Diabetes/Metabolism Research and Reviews*; 26:606-10.
- Immanuel S 2014. Peran pemeriksaan albumin glikat dalam penatalaksanaan diabetes melitus. *The Continuing Medical Education in Clinical Pathology*; 13:35-54.
- Islam N, Akhter J, Kayani N dan Khan MA 1993. Fructosamine: an alternative assessment of past glycaemic control in developing countries. *J Pak Med Assoc*; 43:238-40.
- Jaleel MA, Raza SA, Fathima FN dan Jaleel BN 2011. Ramadan and diabetes: As-Saum (The fasting). *Indian J Endocrinol Metab*; 15:268-73.
- Jones AG dan Hattersley AT 2013. The clinical utility of C-peptide measurement in the care of patients with diabetes. *Diabet Med*; 30:803-17.
- Jury DR dan Dunn PJ 1987. Laboratory assessment of a commercial kit for measuring fructosamine in serum. *Clin Chem*; 33:158-61.

- Karamat MA, Syed A dan Hanif W 2010. Review of diabetes management and guidelines during Ramadan. *J R Soc Med*; 103:139-47.
- Kassem HS, Zantout MS dan Azar ST 2005. Insulin therapy during Ramadan fast for Type 1 diabetes patients. *J Endocrinol Invest*; 28:802-5.
- Khoshniat M, Baradaran B dan Najmi F 2012. Effect of ramadan fasting on resting energy expenditure in diabetic patients diabetes and lipid. *J Fasting Health*; 11:255-261.
- Lee J-E 2015. Alternative biomarkers for assessing glycemic control in diabetes: fructosamine, glycated albumin, and 1, 5-anhydroglucitol. *Ann N Y Acad Sci*; 1353:74-78.
- Ly T T, Maahs D M, Rewers A, Dunger D, Odum A dan Jones T W 2014. Assessment and management of hypoglycemia in children and adolescents with diabetes. *Pediatr Diabetes*; 15 Suppl 20:180-92.
- Mafauzy M, Mohammed WB, Anum MY, Zulkifli A dan Ruhani AH 1990. A study of the fasting diabetic patients during the month of Ramadan. *Med J Malaysia*; 45:14-7.
- Malik M, Gill G V, Pugh R N, Bakir A dan Hossain M 2000. Can plasma fructosamine substitute for glycated haemoglobin (HbA1c) estimation in the assessment of diabetic control? *Trop Doct*; 30:74-6.
- Malmström H, Walldius G, Grill V, Jungner I, Gudbjörnsdóttir S dan Hammar N 2014. Fructosamine is a useful indicator of hyperglycaemia and glucose

control in clinical and epidemiological studies – Cross-sectional and longitudinal experience from the AMORIS cohort. PLoS ONE; 9:e111463.

Mucha GT, Merkel S, Thomas W dan Bantle JP 2004. Fasting and insulin glargine in individuals with type 1 diabetes. Diabetes Care; 27:1209-10.

Mullis P, Völkle H, Sigrist V dan Zuppinger K 1988. Comparison of fructosamine and glycated haemoglobin in children with Type 1 (insulin-dependent) diabetes mellitus. Diabetologia; 31:351-354.

Narbonne H, Renacco E, Padel V, Portugal H dan Vialettes B 2001. Can fructosamine be a surrogate for HbA(1c) in evaluating the achievement of therapeutic goals in diabetes? Diabetes Metab; 27:598-603.

Negoro H, Morley JE dan Rosenthal MJ 1988. Utility of serum fructosamine as a measure of glycemia in young and old diabetic and non-diabetic subjects. Am J Med; 85:360-4.

Ng WY, Thai AC, Lui KF dan Koay ES 1989. Serum fructosamine determination as an index of glycaemic control: comparison between an automated and manual method, and the effect of serum storage. Ann Acad Med Singapore; 18:352-6.

Nowicka P, Santoro N, Liu H, Lartaud D, Shaw M dan Goldberg R 2011. Utility of Hemoglobin A1c for diagnosing diabetes and prediabetes in obese children and adolescents. Diabetes Care; 34:1306 - 1311.

- Pathan MF, Sahay RK, Zargar AH, Raza SA, Khan AKA, Ganie MA, Siddiqui NI, Amin F, Ishtiaq O dan Kalra S 2012. South asian consensus guideline: Use of insulin in diabetes during Ramadan. *Indian J Endocrinol Metab*; 16:499-502.
- Patterson C, Guariguata L, Dahlquist G, Soltesz G, Ogle G dan Silink M 2014. Diabetes in the young - a global view and worldwide estimates of numbers of children with type 1 diabetes. *Diabetes Res Clin Pract*; 103:161-75.
- Peeters B, Mehuys E dan Boussery K 2013. Recommendations for the management of diabetes during Ramadan. *J Pharm Belg*; 18-9.
- Porcellati F, Rossetti P, Pampanelli S, Fanelli CG, Torlone E, Scionti L, Perriello G dan Bolli GB 2004. Better long-term glycaemic control with the basal insulin glargine as compared with NPH in patients with Type 1 diabetes mellitus given meal-time lispro insulin. *Diabet Med*; 21:1213-20.
- Roberts WL, Safar-Pour S, DeBK, Rohlfing CL, Weykamp CW dan Little RR 2005. Effects of hemoglobin C and S traits on glycohemoglobin measurements by eleven methods. *Clin Chem*; 51:776-8.
- Rochmah N 2014. Deteksi dini Diabetes Melitus tipe 1 anak. *Majalah Mimbar RSUD Dr. Soetomo Surabaya*; 6:25-29.
- Roohk HV dan Zaidi AR 2008. A review of glycated albumin as an intermediate glycation index for controlling diabetes. *J Diabetes Sci Technol*; 2:1114-21.

- Rosenstock J dan Ferrannini E 2015. Euglycemic Diabetic Ketoacidosis: A Predictable, Detectable, and Preventable Safety Concern With SGLT2 Inhibitors. *Diabetes Care*; 38:1638-42.
- Rustama D 2010. Diabetes Mellitus. Dalam: Batubara, JR, Trijaya, B dan Pulungan, AB, penyunting. *Buku Ajar Endokrinologi Anak*. Badan Penerbit IDAI; Jakarta: 125-94
- Saeed BO, Elwali NM, Atabani GS, Elmahdi EM dan Mukhtar E 1991. The use of plasma fructosamine in the assessment of diabetic control. *Trop Geogr Med*; 43:51-4.
- Salti I, Benard E, Detournay B, Bianchi-Biscay M, Le Berigand C, Voinet C dan Jabbar A 2004. A population-based study of diabetes and its characteristics during the fasting month of Ramadan in 13 countries: results of the epidemiology of diabetes and Ramadan 1422/2001 (EPIDIAR) study. *Diabetes Care*; 27:2306-11.
- Shadman Z, Akhoundan M dan Nikoo MK 2014. A review of Ramadan fasting and Diabetes Mellitus: Controversies regarding the effects of Ramadan fasting on diabetic patients. *J Fasting Health*; 2:119-130.
- Sharplin P, Gordon J, Peters JR, Tetlow AP, Longman AJ dan Mcewan P 2009. Switching from premixed insulin to glargine-based insulin regimen improves glycaemic control in patients with type 1 or type 2 diabetes: a retrospective primary-care-based analysis. *Cardiovasc Diabetol*; 8:9.

- Silverstein J, Klingensmith G, Copeland K, Plotnick L, Kaufman F, Laffel L, Deeb L, Grey M, Anderson B, Holzmeister LA dan Clark N 2005. Care of children and adolescents with type 1 diabetes: a statement of the American Diabetes Association. *Diabetes Care*; 28:186-212.
- Smart LM, Howie AF, Young RJ, Walker SW, Clarke BF dan Smith AF 1988. Comparison of fructosamine with glycosylated hemoglobin and plasma proteins as measures of glycemic control. *Diabetes Care*; 11:433-6.
- Soewondo P, Ferrario A dan Tahapary DL 2013. Challenges in diabetes management in Indonesia: a literature review. *Globalization and Health*; 9:63-9.
- Strich D, Teomim R dan Gillis D 2014. The basal insulin dose; a lesson from prolonged fasting in young individuals with type 1 diabetes. *Pediatric Diabetes*; 45:33-8.
- Sunni M, Brunzell C, Nathan B dan Moran A 2014. Management of diabetes during Ramadan: practical guidelines. *Minn Med*; 97:36-8.
- Suryaatmadja M 2013. Peran Pemeriksaan Kadar HbA1c untuk Diagnosis Prediabetes. *The Continuing Medical Education in Clinical Pathology*; 12:57-70.
- Uysal AR, Erdogan MF, Sahin G, Kamel N dan Erdogan G 1998. Clinical and metabolic effects of fasting in 41 type 2 diabetic patients during Ramadan. *Diabetes Care*; 21:2033-4.

Vague P, Selam JL, Skeie S, De Leeuw I, Elte JW, Haahr H, Kristensen A dan Draeger E 2003. Insulin detemir is associated with more predictable glycemic control and reduced risk of hypoglycemia than NPH insulin in patients with type 1 diabetes on a basal-bolus regimen with premeal insulin aspart. *Diabetes Care*; 26:590-6.

Velayudhan M 2012. Managing diabetes during the Muslim fasting month of Ramadan. *Med J Malaysia*; 67:353-4; quiz 355.

Willms B dan Lehmann P 1990. A new fructosamine test--as a routine parameter in the control of diabetes. *Wien Klin Wochenschr Suppl*; 180:5-10.

Wolfsdorf JI, Allgrove J, Craig ME, Edge J, Glaser N, Jain V, Lee WW, Mungai LN, Rosenbloom AL, Sperling MA dan Hanas R 2014. Diabetic ketoacidosis and hyperglycemic hyperosmolar state. *Pediatr Diabetes*; 15 Suppl 20:154-79.

Zabeen B, Tayyeb S, Benarjee B, Baki A, Nahar J, Mohsin F, Nahar N dan Azad K 2014. Fasting during Ramadan in adolescents with diabetes. *Indian J Endocrinol Metab*; 18:44-7.