

Published HGI Reports

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2024

1. Shangguan Q, Yang J, Li B, Chen H, Yang L: Association of the hemoglobin glycation index with cardiovascular and all-cause mortality in individuals with hypertension: findings from NHANES 1999–2018. *Front Endocrinol (Lausanne)* 2024;15
2. Y, Miyakoshi T, Sakuma T, Toda S, Yamada Y, Oguchi T, Hirabayashi K, Koike H, Yamashita K, Aizawa T: Hemoglobin Glycation Index, A Novel Risk Factor for Incident **Chronic Kidney Disease in Apparently Healthy Population**. *The Journal of Clinical Endocrinology & Metabolism* 2024;109:e1055-e1060
3. Wang R, Chen C, Xu G, Jin Z: Association of triglyceride glucose-body mass index and hemoglobin glycation index with **heart failure** prevalence in hypertensive populations: a study across different glucose metabolism status. *Lipids Health Dis* 2024;23:53
4. Wei X, Chen X, Zhang Z, Wei J, Hu B, Long N, Feng J, Luo C: Risk analysis of the association between different hemoglobin glycation index and poor prognosis in critical patients with **coronary heart disease**-A study based on the MIMIC-IV database. *Cardiovasc Diabetol* 2024;23:113
5. Yang J, Shangguan Q, Xie G, Yang M, Sheng G: Sex-specific associations between haemoglobin glycation index and the risk of **cardiovascular and all-cause mortality** in individuals with pre-diabetes and diabetes: A large prospective cohort study. *Diabetes, Obesity and Metabolism* 2024

2023

1. Christakis NJ, Gioe M, Gomez R, Felipe D, Soros A, McCarter R, Chalew S: Determination of Glucose-Independent **Racial Disparity** in HbA1c for Youth With Type 1 Diabetes in the Era of Continuous Glucose Monitoring. *J Diabetes Sci Technol* 2023;19322968231199113
2. Dong H, Wang J, Hu P, Lu N: Associations of apolipoproteinA1, **high density lipoprotein cholesterol** with hemoglobin glycation index and triglyceride-glucose index in Chinese adults with coronary artery disease. *J Diabetes Complications* 2023;37:108516
3. Guo R, Wang X, Liu Y, Huang M, Ma M, He Y, Yang R, Gao S, Luo M, Zhao G, Li L, Yu C: The Association Between Hemoglobin Glycation Index and **Carotid Artery Plaque** in Patients With Coronary Heart Disease. *Angiology* 2023;33197231198688
4. [Hempe JM, Yang S, Hsia DS: Effect of biological variation in HbA1c and blood glucose on the diagnosis of prediabetes. *Endocrinol Diabetes Metab* 2023:e442](#)
5. Chen J, Lin S, Wang X, Wang X, Gao P: Lower dietary magnesium is associated with a higher hemoglobin glycation index in the National Health and Nutrition Examination Survey. 2023 (**I reviewed and rejected this report**)
6. Ibarra-Salce R, Pozos-Varela FJ, Martinez-Zavala N, Lam-Chung CE, Mena-Ureta TS, Janka-Zires M, Faradji RN, Madrigal-Sanroman JR, de la Garza-Hernandez NE, Almeda-Valdes P: Correlation between hemoglobin glycation index measured by continuous glucose monitoring with **complications** in type 1 diabetes. *Endocr Pract* 2023;

7. Lin L, Wang A, Jia X, Wang H, He Y, Mu Y, Dou J: High hemoglobin glycation index is associated with **increased risk of diabetes**: A population-based cohort study in China. *Front Endocrinol (Lausanne)* 2023;14:1081520
8. Sakane N, Hirota Y, Yamamoto A, Miura J, Takaike H, Hoshina S, Toyoda M, Saito N, Hosoda K, Matsubara M, Tone A, Kawashima S, Sawaki H, Matsuda T, Domichi M, Suganuma A, Sakane S, Murata T: **Factors associated with** hemoglobin glycation index in adults with type 1 diabetes mellitus: The FGM-Japan study. *Journal of diabetes investigation* 2023;
9. Wang M, Li S, Zhang X, Li X, Cui J: Association between hemoglobin glycation index and non-alcoholic fatty liver disease in the patients with type 2 diabetes mellitus. *J Diabetes Investig* 2023;
10. Wang Y, Liu H, Hu X, Wang A, Wang A, Kang S, Zhang L, Gu W, Dou J, Mu Y, Chen K, Wang W, Lyu Z: Association between hemoglobin glycation index and 5-year major adverse cardiovascular events: the REACTION cohort study. *Chin Med J (Engl)* 2023;
11. Xin S, Zhao X, Ding J, Zhang X: Association between hemoglobin glycation index and **diabetic kidney disease** in type 2 diabetes mellitus in China: A cross- sectional inpatient study. *Front Endocrinol (Lausanne)* 2023;14
12. Xing Y, Zhen Y, Yang L, Huo L, Ma H: Association between hemoglobin glycation index and **non-alcoholic fatty liver disease**. *Front Endocrinol (Lausanne)* 2023;14
13. Yulu W, Shuguang P: Correlation between serum bile acid and glucose and lipid metabolism in type 2 diabetes patients with metabolic fatty liver disease. *Clinical Medicine of China* 2023;39:24-31

2022

1. Chen Z, Li D, Lin M, Jiang H, Xu T, Shan Y, Fu G, Wang M, Zhang W: Association of Hemoglobin Glycation Index With Contrast-Induced **Acute Kidney Injury** in Patients Undergoing Coronary Angiography: A Retrospective Study. *Front Physiol* 2022;13:870694
2. Hempe JM, Hsia DS: Variation in the hemoglobin glycation index. *J Diabetes Complications* 2022;36:108223
3. Li H, Liu Y, Liu Y, Lin J, Wan Q: Predictive Value of Hemoglobin Glycation Index for Hyperuricemia in Type 2 Diabetes. *Chin Gen Pract* 2022;25:693-698
4. Li J, Xin Y, Li J, Zhou L, Qiu H, Shen A, Chen H, Li H-W: Association of haemoglobin glycation index with outcomes in patients with **acute coronary syndrome**: results from an observational cohort study in China. *Diabetol Metab Syndr* 2022;14
5. Lin C-H, Lai Y-C, Chang T-J, Jiang Y-D, Chang Y-C, Chuang L-M: Hemoglobin glycation index predicts **renal function** deterioration in patients with type 2 diabetes and a low risk of chronic kidney disease. *Diabetes Res Clin Pract* 2022;186:109834
6. Lin L, Wang AP, Dou JT, Chen Y, Liu FL, Ma H, Zheng LG, Dong SY, Wang YM, Mu Y: [Predictive value of hemoglobin glycation index for **chronic kidney disease**]. *Zhonghua Nei Ke Za Zhi* 2022;61:1310-1317
7. Lyu L, Yu J, Liu Y, He S, Zhao Y, Qi M, Ping F, Xu L, Li W, Zhang H, Li Y: High Hemoglobin glycation index is associated with **telomere attrition** independent of HbA1c, mediating by TNF α . *J Clin Endocrinol Metab* 2022;107:462-473

8. Lyu L, Yu J, Liu Y, He S, Zhao Y, Qi M, Yang N, He L, Wang J, Ping F, Xu L, Li W, Zhang H, Li Y: Dietary patterns, **oxidative Stress, inflammation** and biological variation in hemoglobin A1c: Association and Mediation analysis in a rural community in north China. *Diabetes Res Clin Pract* 2022;194:110154
9. Mei Y, Li A, Zhao J, Zhou Q, Zhao M, Xu J, Li R, Li Y, Li K, Ge X, Guo C, Wei Y, Xu Q: Association of **long-term air pollution exposure** with the risk of prediabetes and diabetes: Systematic perspective from inflammatory mechanisms, glucose homeostasis pathway to preventive strategies. *Environ Res* 2022;114472
10. Pérez RE, González CM, López M, Vargas K, Ordaz G, Ortiz R: Hemoglobin A1c, hemoglobin glycation index, and triglyceride and glucose index: Useful tools to predict **low feed intake** associated with glucose intolerance in lactating sows. *PLoS One* 2022;17:e0267644
11. Rajendran S, Mishra S, Madhavanpillai M, Vishnupriya G: Association of hemoglobin glycation index with **cardiovascular risk** factors in non-diabetic adults: A cross-sectional study. *Diabetes & Metabolic Syndrome: Clinical Research & Reviews* 2022;102592
12. Tong H, Wang D, Fang M: Correlation between the Variability of Glycosylated Hemoglobin and **Cardiovascular Risk** in New-Onset T2DM Patients. *Contrast Media & Molecular Imaging* 2022;2022:5370301
13. Wang P, Li Q, Guo X, Zhou Y, Li Z, Yang H, Yu S, Sun Y, Zhang X: The Value of Hemoglobin Glycation Index-Diabetes Mellitus System in Evaluating and Predicting Incident **Stroke** in the Chinese Population. *Journal of clinical medicine* 2022;11
14. Wang S, Gu L, Chen J, Jiang Q, Sun J, Wang H, Wang L: Association of hemoglobin glycation index and glycation gap with **cardiovascular disease** among US adults. *Diabetes Res Clin Pract* 2022;190:109990
15. Wang Z, Liu Y, Xie J, Liu N-F: Association between hemoglobin glycation index and **subclinical myocardial injury** in the General Population Free from Cardiovascular Disease. *Nutrition, Metabolism and Cardiovascular Diseases* 2022;32:469-478
16. Wei Y, Wu Z, Wang Y, Wang G, Liu J: Interaction of sex and diabetes on the association between hemoglobin glycation index, hemoglobin A1c and **serum uric acid**. *Diabetol Metab Syndr* 2022;14:185
17. Xu S, Qin Z, Yuan R, Cui X, Zhang L, Bai J, Liu G, Wang Z, Yu F, Lv Y, Zhang J, Tang J: The hemoglobin glycation index predicts the risk of **adverse cardiovascular events** in coronary heart disease patients with type 2 diabetes mellitus. *Front Cardiovasc Med* 2022;9
18. Zorlu D, Boduroglu Y, Ilanbey B, Erturk A: Relationship between hemoglobin glycation and **AHI** index in patients with non-diabetic OSAS. *ENT Updates* 2022;11:101-109

2021

1. **Hempe JM, Yang S, Liu S, Hsia DS: Standardizing the haemoglobin glycation index.** *Endocrinol Diabetes Metab* 2021;4:e00299
2. Kim W, Go T, Kang DR, Lee EJ, Huh JH: Hemoglobin glycation index is associated with incident chronic kidney disease in subjects with impaired glucose metabolism: A 10-year longitudinal cohort study. *J Diabetes Complications* 2021;107760

3. Klein KR, Franek E, Marso S, Pieber TR, Pratley RE, Gowda A, Kvist K, Buse JB: Hemoglobin glycation index, calculated from a single fasting glucose value, as a prediction tool for **severe hypoglycemia and major adverse cardiovascular events** in DEVOTE. *BMJ open diabetes research & care* 2021;9
4. Li Z, Gao Y, Jia Y, Chen S: Correlation Between Hemoglobin Glycosylation Index and **Nerve Conduction Velocity** in Patients with Type 2 Diabetes Mellitus. *Diabetes Metab Syndr Obes* 2021;14:4757-4765
5. Lin L, Wang A, He Y, Wang W, Gao Z, Tang X, Yan L, Wan Q, Luo Z, Qin G, Chen L, Mu Y, Dou J: Effects of the hemoglobin glycation index on **hyperglycemia diagnosis**: results from the REACTION study. *Diabetes Res Clin Pract* 2021;180:109039
6. Wang J-S, Lee I-T, Lee W-J, Lin S-Y, Lee W-L, Liang K-W, Sheu WH-H: **Postchallenge glucose increment** was associated with hemoglobin glycation index in subjects with no history of diabetes. *J Investig Med* 2021;69:1044
7. Wu J-d, Liang D-L, Xie Y, Chen M-Y, Chen H-H, Sun D, Hu H-Q: Association Between Hemoglobin Glycation Index and Risk of **Cardiovascular Disease and All Cause Mortality** in Type 2 Diabetic Patients: A Meta-Analysis. In *Front Cardiovasc Med*, 2021, p. 690689

2020

1. Hsia DS, Rasouli N, Pittas AG, Lary CW, Peters A, Lewis MR, Kashyap SR, Johnson KC, LeBlanc ES, Phillips LS, Hempe JM, Desouza CV: Implications of the Hemoglobin Glycation Index on the **Diagnosis of Prediabetes and Diabetes**. *J Clin Endocrinol Metab* 2020;105:e130-e138
2. Joung HN, Kwon H-S, Baek K-H, Song K-H, Kim MK: Consistency of the **Glycation Gap with the Hemoglobin Glycation Index** Derived from a Continuous Glucose Monitoring System. *Endocrinol Metab* 2020;35:377-383
3. Kim W, Go T, Kang DR, Lee EJ, Huh JH: Hemoglobin glycation index is associated with incident **chronic kidney disease** in subjects with impaired glucose metabolism: A 10-year longitudinal cohort study. *J Diabetes Complications* 2020;107760
4. Liu H, Yang D, Deng H, Xu W, Lv J, Zhou Y, Luo S, Zheng X, Liang H, Yao B, Qiu L, Wang F, Liu F, Yan J, Weng J: Impacts of glycemic variability on the relationship between **glucose management indicator** from iPro^{(TM)2} and laboratory hemoglobin A1c in adult patients with type 1 diabetes mellitus. *Ther Adv Endocrinol Metab* 2020;11:2042018820931664-2042018820931664
5. Meera S, Nithya N: Reliable marker of atherogenicity in type 2 DM – A comparative study on **glycosylation gap and haemoglobin glycation index**. *International Journal of Medical and Biomedical Studies* 2020;4:103-107
6. Mi J, Song J, Zhao Y, Wu X: Association of hemoglobin glycation index and its interaction with obesity/family history of **hypertension** on hypertension risk: a community-based cross-sectional survey. *BMC Cardiovasc Disord* 2020;20:477
7. Nagayama D, Watanabe Y, Yamaguchi T, Saiki A, Shirai K, Tatsuno I: High hemoglobin glycation index is associated with increased **systemic arterial stiffness** independent of hyperglycemia in real-world Japanese population: A cross-sectional study. *Diab Vasc Dis Res* 2020;17:1479164120958625

Last updated: June 16, 2024 n=93

8. Yoon MK, Kang JG, Lee SJ, Ihm S-H, Huh KB, Kim CS: Relationships between Thigh and Waist Circumference, Hemoglobin Glycation Index, and **Carotid Plaque** in Patients with Type 2 Diabetes. *Endocrinol Metab* 2020;35:319-328
9. Zhang L, Wang M, Zhang R, Zhong Y, Fan H, Wang M, Wang J: Hemoglobin glycation index in relationship to the risk of **cardiovascular complication** in patients with type 2 diabetes: A systematic review and meta-analysis. *J Diabetes Complications* 2020;107673
10. Zhong Y, Fan H, Zhang R, Wang H, Zhang W, Tian T, Wang Q, Zhang L, Wang J: Associations between HbA1c Glycation Index and Risk of **Chronic Complications** of Diabetes Mellitus. *Chin Gen Pract* 2020;23:276-280 and 288

2019

1. Hu D-S, Zhu S-H, Li X, Chen Q-F, Lin C-J, Fang D-H, Wu J-S: Association between Hemoglobin Glycation Index and **NAFLD** in Chinese Nondiabetic Individuals. *Canadian Journal of Gastroenterology and Hepatology* 2019;2019:1-8
2. Nayak AU, Singh BM, Dunmore SJ: Potential clinical error arising from use of HbA1c in diabetes: effects of the **Glycation Gap**. *Endocr Rev* 2019;40:988-999
3. Yoo JH, Kang YM, Cho YK, Lee J, Jung CH, Park JY, Ryu OH, Kim HK, Lee WJ: The haemoglobin glycation index is associated with **nonalcoholic fatty liver disease** in healthy subjects. *Clin Endocrinol (Oxf)* 2019

2018

1. Chand SK, Singh RG, Pendharkar SA, Bharmal SH, Petrov MS: Interplay between innate immunity and iron metabolism after acute pancreatitis. *Cytokine* 2018;103:90-98
2. Jin JL, Sun D, Cao YX, Guo YL, Wu NQ, Zhu CG, Gao Y, Dong QT, Zhang HW, Liu G, Dong Q, Li JJ: Triglyceride glucose and haemoglobin glycation index for predicting **outcomes in diabetes** patients with new-onset, stable coronary artery disease: a nested case-control study. *Ann Med* 2018;50:576-586
3. Kim MK, Jeong JS, Yun J-S, Kwon H-S, Baek KH, Song K-H, Ahn Y-B, Ko S-H: Hemoglobin glycation index predicts **cardiovascular disease** in people with type 2 diabetes mellitus: A 10-year longitudinal cohort study. *J Diabetes Complications* 2018;32:906-910
4. Lee B, Heo YJ, Lee YA, Lee J, Kim JH, Lee SY, Shin CH, Yang SW: Association between hemoglobin glycation index and **cardiometabolic risk** factors in Korean pediatric nondiabetic population. *Ann Pediatr Endocrinol Metab* 2018;23:196-203
5. Leong A, Posner D, Charest BR, Rhee MK, Meigs JB, Wilson PW, Cohen RM, Miller DR, Sun YV, Cho K, Phillips LS: Hemoglobin A1c (A1c) **Genetics** Contributes to A1c/Glucose Mismatches in the Multiethnic VA Million Veteran Program (MVP). *Diabetes* 2018;67
6. Ostergaard HB, Mandrup-Poulsen T, Berkelmans GFN, van der Graaf Y, Visseren FLJ, Westerink J: Limited benefit of haemoglobin glycation index as risk factor for **cardiovascular disease** in type 2 diabetes patients. *Diabetes Metab* 2018;45:254-260
7. Pan Y, Jing J, Wang Y, Liu L, Wang Y, He Y: Association of hemoglobin glycation index with outcomes of **acute ischemic stroke** in type 2 diabetic patients. *Neurol Res* 2018;40:575-582

8. van Steen SC, Woodward M, Chalmers J, Li Q, Marre M, Cooper ME, Hamet P, Mancia G, Colagiuri S, Williams B, Grobbee DE, DeVries JH: Haemoglobin glycation index and risk for **diabetes-related complications** in the Action in Diabetes and Vascular Disease: Preterax and Diamicron Modified Release Controlled Evaluation (ADVANCE) trial. *Diabetologia* 2018;61:780-789

2017

1. Ahn CH, Min SH, Lee DW, Oh TJ, Kim KM, Moon JH, Choi SH, Park KS, Jang HC, Ha J, Sherman A, Lim S: Hemoglobin Glycation Index Is Associated with **Cardiovascular Diseases** in People with Impaired Glucose Metabolism. *J Clin Endocrinol Metab* 2017;102:2905-2913
2. Basu S, Raghavan S, Wexler DJ, Berkowitz SA: Characteristics Associated With Decreased or Increased Mortality **Risk From Glycemic Therapy** Among Patients With Type 2 Diabetes and High Cardiovascular Risk: Machine Learning Analysis of the ACCORD Trial. *Diabetes Care* 2017;41:604-612
3. Carette C, Czernichow S: Harms and benefits of the haemoglobin glycation index (HGI). *European Journal of Preventive Cardiology* 2017;2047487317717821
4. Chen Y-W, Wang J-S, Sheu WHH, Lin S-Y, Lee IT, Song Y-M, Fu C-P, Lee C-L: Hemoglobin glycation index as a useful **predictor of therapeutic responses to dipeptidyl peptidase-4 inhibitors** in patients with type 2 diabetes. *PLoS One* 2017;12:e0171753
5. Cheng PC, Hsu SR, Cheng YC, Liao PM: The hemoglobin glycation index correlates with **efficacy of metformin therapy** in individuals newly diagnosed with type 2 diabetes mellitus. *Int J Clin Exp Med* 2017;10:3742-3746
6. Cheng PC, Hsu SR, Cheng YC, Liu YH: Relationship between hemoglobin glycation index and extent of **coronary heart disease** in individuals with type 2 diabetes mellitus: a cross-sectional study. *PeerJ* 2017;5:e3875
7. Fiorentino T, Marini M, Succurro E, Andreozzi F, Sciacqua A, Hribal M, Perticone F, Sesti G: Association between hemoglobin glycation index and **hepatic steatosis** in non-diabetic individuals. *Diabetes Res Clin Pract* 2017;134:53-61
8. Fiorentino TV, Marini MA, Succurro E, Sciacqua A, Andreozzi F, Perticone F, Sesti G: Elevated hemoglobin glycation index identify non-diabetic individuals at increased risk of **kidney dysfunction**. *Oncotarget* 2017;8:79576-79586
9. Kim MK, Jeong JS, Kwon HS, Baek KH, Song KH: Concordance the **hemoglobin glycation index with glycation gap** using glycated albumin in patients with type 2 diabetes. *J Diabetes Complications* 2017;31:1127-1131
10. Marini MA, Fiorentino TV, Succurro E, Pedace E, Andreozzi F, Sciacqua A, Perticone F, Sesti G: Association between hemoglobin glycation index with **insulin resistance and carotid atherosclerosis** in non-diabetic individuals. *PLoS One* 2017;12:e0175547
11. Rhee E-J, Cho J-H, Kwon H, Park SE, Park C-Y, Ho K-W, Park S-W, Lee W-Y: Association Between **Coronary Artery Calcification** and the Hemoglobin Glycation Index: The Kangbuk Samsung Health Study. *J Clin Endocrinol Metab* 2017;102:4634-4641
12. van Steen SC, Schrieks IC, Hoekstra JB, Lincoff AM, Tardif JC, Mellbin LG, Ryden L, Grobbee DE, DeVries JH, AleCardio study g: The haemoglobin glycation index as predictor of **diabetes-related complications** in the AleCardio trial. *Eur J Prev Cardiol* 2017;24:858-866

2015 (I was retired at the beginning of this year, n=17)

1. Hempe JM, Liu S, Myers L, McCarter RJ, Buse JB, Fonseca V: The hemoglobin glycation index identifies subpopulations with harms or benefits from **intensive treatment** in the ACCORD trial. *Diabetes Care* 2015;38:1067-1074
2. Liu S, Hempe JM, McCarter RJ, Li S, Fonseca VA: Association between **inflammation** and biological variation in hemoglobin A1c in U.S. non-diabetic adults. *J Clin Endocrinol Metab* 2015;100:2364-2371

2013

1. Hempe JM, McGehee AM, Chalew SA: Two-dimensional analysis of glycated hemoglobin heterogeneity in pediatric type 1 diabetes patients. *Anal Biochem* 2013;442:205-212

2011

1. Hempe JM, McCarter RJ, Chalew SA: Comment on: Wilson et al. Persistence of Individual Variations in Glycated Hemoglobin: Analysis of Data From the Juvenile Diabetes Research Foundation Continuous Glucose Monitoring Randomized Trial. *Diabetes Care* 2011;34:1315-1317. *Diabetes Care* 2011;34:e170
2. Felipe DL, Hempe JM, Liu S, Matter N, Maynard J, Linares C, Chalew SA: **Skin Intrinsic Fluorescence** Is Associated With Hemoglobin A1c and Hemoglobin Glycation Index but Not Mean Blood Glucose in Children With Type 1 Diabetes. *Diabetes Care* 2011;34:1816-1820

2010

1. Abourazzak S, Dorchy H, Willems D, Melot C: La variation biologique de la glycation et la moyenne glycémique ont une plus grande influence sur l'HbA1c des jeunes diabétiques de type 1 que l'instabilité glycémique. *Rev Med Brux* 2010;31:S55-S64
2. Chalew SA, McCarter RJ, Ory-Ascani J, Hempe JM: **Labile hemoglobin A1c** is inversely correlated with the hemoglobin glycation index in children with type 1 diabetes. *Diabetes Care* 2010;33:273-274
3. Hempe JM, Soros AA, Chalew SA: **Estimated average glucose** and self-monitored mean blood glucose are discordant estimates of glycemic control. *Diabetes Care* 2010;33:1449-1451
4. Kamps JL, Hempe JM, Chalew SA: **Racial Disparity** in Hemoglobin A1c Independent of Mean Blood Glucose in Children with Type 1 Diabetes. *Diabetes Care* 2010;33:1025-1027
5. Soros AA, Chalew SA, McCarter RJ, Shepard R, Hempe JM: Hemoglobin glycation index: a robust measure of hemoglobin A1c bias in pediatric type 1 diabetes patients. *Pediatr Diabetes* 2010;11:455-461

2007

1. Lachin JM, Genuth S, Nathan DM, Rutledge BN: The Hemoglobin Glycation Index is **Not** an Independent Predictor of the Risk of Microvascular Complications in the Diabetes Control and Complications Trial. *Diabetes* 2007;56:1913-1921

2005

1. Chalew SA, McCarter RJ, Thomas J, Thomson JL, Hempe JM: A comparison of the glycosylation gap and hemoglobin glycation index in patients with diabetes. *J Diabetes Complications* 2005;19:218-222
2. Kim JI, Stevens RJ, Holman RR: The haemoglobin glycation index is an independent risk factor for microvascular complications in UKPDS patients with newly diagnosed type 2 diabetes. *Diabetes* 2005;54:A244-A245
3. Wilson D, Fiallo-Sharer R, Xing D, Wysocki T, Block J, Weinzimer S, Kollman C, Beck R, Ruedy K, Tamborlane WV: Reliability of two indices of the biologic variability in glycosylation among children and adolescents with T1DM. *Diabetes* 2005;54:A454-A455

2004

1. McCarter RJ, Hempe JM, Gomez R, Chalew SA: Biological variation in HbA1c predicts risk of retinopathy and nephropathy in type 1 diabetes. *Diabetes Care* 2004;27:1259-1264

2003

1. Merino-Torres JF, Fajardo-Montanana C, Ferrer-Garcia JC, Pinon-Selles F: Hemoglobin Glycosylation Index is not related with blood glucose. *J Diabetes Complications* 2003;17:249-253

2002

1. Hempe JM, Gomez R, McCarter RJ, Chalew SA: High and low hemoglobin glycation phenotypes in type 1 diabetes: A challenge for interpretation of glycemic control. *J Diabetes Complications* 2002;16:313-320