

All articles in *Diabetes Care* are available on the World Wide Web at www.diabetes.org/diabetescare. Cover articles (►) and ADA Statements are available free of charge. Other articles are available free to print subscribers or can be purchased as e-prints or reprints.

Kelly West Award Lecture

1249 Globalization of diabetes: the role of diet, lifestyle, and genes
F.B. Hu

Original Research

Clinical Care/Education/Nutrition/Psychosocial Research

1258 Serum carotenoids and fat-soluble vitamins in women with type 1 diabetes and preeclampsia: a longitudinal study
M. Azar, A. Basu, A.J. Jenkins, A.J. Nankervis, K.F. Hanssen, H. Scholz, T. Henriksen, S.K. Garg, S.M. Hammad, J.A. Scardo, C.E. Aston, T.J. Lyons

1265 Incidence of diabetes following ramipril or rosiglitazone withdrawal
The DREAM Trial Investigators

► **1270** Influence of time of day of blood pressure-lowering treatment on cardiovascular risk in hypertensive patients with type 2 diabetes

R.C. Hermida, D.E. Ayala, A. Mojón, J.R. Fernández

1277 Differential effect of low-dose aspirin for primary prevention of atherosclerotic events in diabetes management: a subanalysis of the JPAD trial

S. Okada, T. Morimoto, H. Ogawa, M. Kanauchi, M. Nakayama, S. Uemura, N. Doi, H. Jinnouchi, M. Waki, H. Soejima, M. Sakuma, Y. Saito, for the Japanese Primary Prevention of Atherosclerosis With Aspirin for Diabetes (JPAD) Trial Investigators

1284 Vitamin D status in relation to glucose metabolism and type 2 diabetes in septuagenarians
C. Dalgård, M.S. Petersen, P. Weihe, P. Grandjean

1289 Minority status and diabetes screening in an ambulatory population
A. Sheehy, N. Pandhi, D.B. Coursin, G.E. Flood, S.A. Kraft, H.M. Johnson, M.A. Smith

1295 Effect of gastric bypass surgery on the absorption and bioavailability of metformin
R.S. Padwal, R.Q. Gabr, A.M. Sharma, L.-A. Langkaas, D.W. Birch, S. Karmali, D.R. Brocks

1301 Primary dietary intervention study to reduce the risk of islet autoimmunity in children at increased risk for type 1 diabetes: the BABYDIET study

S. Hummel, M. Pfüger, M. Hummel, E. Bonifacio, A.-G. Ziegler

1306 Utility of hemoglobin A_{1c} for diagnosing prediabetes and diabetes in obese children and adolescents
P. Nowicka, N. Santoro, H. Liu, D. Lartaud, M.M. Shaw, R. Goldberg, C. Guandalini, M. Savoye, P. Rose, S. Caprio

1312 Pharmacokinetics and pharmacodynamics of therapeutic doses of basal insulins NPH, glargin, and detemir after 1 week of daily administration at bedtime in type 2 diabetic subjects: a randomized cross-over study

P. Lucidi, F. Porcellati, P. Rossetti, P. Candeloro, P. Cioli, S. Marzotti, A. Marinelli Andreoli, R. Fede, G.B. Bolli, C.G. Fanelli

1315 Persistence of individual variations in glycated hemoglobin: analysis of data from the Juvenile Diabetes Research Foundation Continuous Glucose Monitoring Randomized Trial
D.M. Wilson, D. Xing, J. Cheng, R.W. Beck, I. Hirsch, C. Kollman, L. Laffel, J.M. Lawrence, N. Maura, K.J. Ruedy, E. Tsakopian, H. Wolpert, for the Juvenile Diabetes Research Foundation Continuous Glucose Monitoring Study Group

1318 Adopting 3-year screening intervals for sight-threatening retinal vascular lesions in type 2 diabetic subjects without retinopathy
E. Agardh, P. Tabatabat-Khani

1320 Performance of the Chronic Kidney Disease Epidemiology Collaboration equation to estimate glomerular filtration rate in diabetic patients
N. Rognant, S. Lemoine, M. Laville, A. Hadj-Aissa, L. Dubourg

Epidemiology/Health Services Research

1323 Increasing prevalence of metabolic syndrome in Korea: the Korean National Health and Nutrition Examination Survey for 1998–2007

S. Lim, H. Shin, J.H. Song, S.H. Kwak, S.M. Kang, J.W. Yoon, S.H. Choi, S.I. Cho, K.S. Park, H.K. Lee, H.C. Jang, K.K. Koh

► **1329** Glycemic control, complications, and death in older diabetic patients: the Diabetes and Aging Study
E.S. Huang, J.Y. Liu, H.H. Moffet, P.M. John, A.J. Karter

► **1337** Trends in the risk for coronary heart disease among adults with diagnosed diabetes in the U.S.: findings from the National Health and Nutrition Examination Survey, 1999–2008
E.S. Ford

1344 Impact of diabetes on work cessation: data from the GAZEL cohort study

E. Herquelot, A. Guéguen, S. Bonenfant, R. Dray-Spira

1350 Time-dependent impact of diabetes on mortality in patients after major lower extremity amputation: survival in a population-based 5-year cohort in Germany

A. Icks, M. Scheer, S. Morbach, J. Genz, B. Haastert, G. Giani, G. Glaeske, F. Hoffmann

1355 Glycated hemoglobin predicts all-cause, cardiovascular, and cancer mortality in people without a history of diabetes undergoing coronary angiography

G. Silbernagel, T.B. Grammer, B.R. Winkelmann, B.O. Boehm, W. März

1362 Prevalence of abnormal glucose tolerance and risk factors in urban and rural Malaysia

N. Mustafa, N.A. Kamarudin, A.A. Ismail, A.S. Khir, I.S. Ismail, K.I. Musa, K.A. Kadir, N.A. Yaacob, O. Ali, S.H. Md Isa, W.M. Wan Bebakar, W.N. wan Mohamud

1365 Association between diagnosed diabetes and self-reported cancer among U.S. adults: findings from the 2009 Behavioral Risk Factor Surveillance System

C. Li, L.S. Balluz, E.S. Ford, C.A. Okoro, J. Tsai, G. Zhao

1369 Assessing the association of pioglitazone use and bladder cancer through drug adverse event reporting
C. Piccinni, D. Motola, G. Marchesini, E. Poluzzi

1372 Normal fasting plasma glucose and risk of type 2 diabetes
P. Brambilla, E. La Valle, R. Falbo, G. Limonta, S. Signorini, F. Cappellini, P. Mocarelli

1375 Diabetes comorbidity and age influence rehabilitation outcomes after hip fracture

T.A. Reistetter, J.E. Graham, A. Deutsch, S.J. Markello, C.V. Granger, K.J. Ottenbacher

Emerging Treatments and Technologies

1378 Accuracy of the Neuropad test for the diagnosis of distal symmetric polyneuropathy in type 2 diabetes
N. Papapanas, P. Paschos, D. Papazoglou, K. Papatheodorou, K. Paletas, E. Maltezos, A. Tsapas

1383 Impact of intranasal insulin on insulin antibody affinity and isotypes in young children with HLA-conferred susceptibility to type 1 diabetes
S.J. Ryhänen, T. Häkkinen, H. Siljander, K. Näntö-Salonen, T. Simell, H. Hyöty, J. Ilonen, R. Veijola, O. Simell, M. Knip

Pathophysiology/Complications

1389 Diabetic retinopathy is related to both endothelium-dependent and -independent responses of skin microvascular flow

T.T. Nguyen, J.E. Shaw, C. Robinson, R. Kawasaki, J.J. Wang, A.J. Kreis, T.Y. Wong

1394 Incidence and prevalence of unrecognized myocardial infarction in people with diabetes: a substudy of the Rosiglitazone Evaluated for Cardiac Outcomes and Regulation of Glycemia in Diabetes (RECORD) study

M.R. MacDonald, M.C. Petrie, P.D. Home, M. Komajda, N.P. Jones, H. Beck-Nielsen, R. Gomis, M. Hanefeld, S.J. Pocock, P.S. Curtis, J.J.V. McMurray

1397 Age of islet autoantibody appearance and mean levels of insulin, but not GAD or IA-2 autoantibodies, predict age of diagnosis of type 1 diabetes: Diabetes Autoimmunity Study in the Young

A.K. Steck, K. Johnson, K.J. Barriga, D. Miao, L. Yu, J.C. Hutton, G.S. Eisenbarth, M.J. Rewers

1400 Vitamin D deficiency is associated with retinopathy in children and adolescents with type 1 diabetes

H. Kaur, K.C. Donaghue, A.K. Chan, P. Benitez-Aguirre, S. Hing, M. Lloyd, J. Cusumano, A. Pryke, M.E. Craig

1403 Diabetic peripheral neuropathy is associated with increased arterial stiffness without changes in carotid intima-media thickness in type 2 diabetes

E.S. Kim, S.-d. Moon, H.-S. Kim, D.J. Lim, J.H. Cho, H.S. Kwon, C.W. Ahn, K.H. Yoon, M.I. Kang, B.Y. Cha, H.Y. Son

Cardiovascular and Metabolic Risk

1406 One-hour postload plasma glucose levels and left ventricular mass in hypertensive patients

A. Sciacqua, S. Miceli, G. Carullo, L. Greco, E. Succurro, F. Arturi, G. Sesti, F. Perticone

1412 Fasting plasma glucose and clustering of cardiometabolic risk factors in normoglycemic outpatient children and adolescents

P.D. Bonito, E. Sanguigno, C. Forziato, F. Saitta, M.R. Iardino, B. Capaldo

1415 Trunk versus extremity adiposity and cardiometabolic risk factors in white and African American adults

G. Hu, C. Bouchard, G.A. Bray, F.L. Greenway, W.D. Johnson, R.L. Newton Jr., E. Ravussin, D.H. Ryan, P.T. Katzmarzyk

Reviews/Commentaries/ADA Statements

1419 Position Statement Executive Summary

Position Statement Executive Summary: guidelines and recommendations for laboratory analysis in the diagnosis and management of diabetes mellitus
D.B. Sacks, M. Arnold, G.L. Bakris, D.E. Bruns, A.R. Horvath, M.S. Kirkman, A. Lernmark, B.E. Metzger, D.M. Nathan

► 1424 Consensus Report

Obesity and type 2 diabetes: what can be unified and what needs to be individualized?

R.H. Eckel, S.E. Kahn, E. Ferrannini, A.B. Goldfine, D.M. Nathan, M.W. Schwartz, R.J. Smith, S.R. Smith

1431 Review

Use of metformin in the setting of mild-to-moderate renal insufficiency
K.J. Lipska, C.J. Bailey, S.E. Inzucchi

Editorials

1438 Editorial (see Hermida et al., p. 1270)

Chronobiology impacts response to antihypertensive drug regimen in type 2 diabetes

E.A. Friedman, M.A. Banerji

1440 ACS/ADA/AHA Presidential Advisory

Creating a 21st century global health agenda: the General Assembly of the United Nations High Level Meeting on Non-Communicable Diseases

E.E. Partridge, E.J. Mayer-Davis, R.L. Sacco, A.J. Balch

1442 Erratum

1443 Issues and Events

Diabetes Care Electronic Pages

Available at <http://care.diabetesjournals.org>

Position Statement

e61 Guidelines and recommendations for laboratory analysis in the diagnosis and management of diabetes mellitus

D.B. Sacks, M. Arnold, G.L. Bakris, D.E. Bruns, A.R. Horvath, M.S. Kirkman, A. Lernmark, B.E. Metzger, D.M. Nathan

Perspectives on the News

e100 Insulin concerns and promises

Z.T. Bloomgarden

Online Letters: Observations

e107 Diabetic ketoacidosis complicated with previously unknown Gitelman syndrome in a Tunisian child

M. Biagioli, M. Marigliano, A. Iannilli, A. Cester, S. Gatti, I. D'Alba, S. Tedeschi, M.-L. Syren, V. Cherubini

e108 Diabetic ketosis caused by the insulin analog aspart-induced anti-insulin antibody: successful treatment with the newest insulin analog glulisine

H. Yanai, H. Adachi, H. Hamasaki

e109 Increasing the low-glucose alarm of a continuous glucose monitoring system prevents exercise-induced hypoglycemia without triggering any false alarms

K.E. Iscoe, R.J. Davey, P.A. Fournier

Online Letters: Comments and Responses

e110 Comment on: Lipsky and Berendt. Hyperbaric oxygen therapy for diabetic foot wounds: has hope hurdled hype?
Diabetes Care 2010;33:1143–1145

S.R. van der Staal, D.T. Ubbink, M.J. Lubbers

e111 Response to comment on: Lipsky and Berendt. Hyperbaric oxygen therapy for diabetic foot wounds: has hope hurdled hype?
Diabetes Care 2010;33:1143–1145

B.A. Lipsky

e112 Response to comment on: Löndahl et al. Hyperbaric oxygen therapy facilitates healing of chronic foot ulcers in patients with diabetes. Diabetes Care 2010;33:998–1003

M. Löndahl, P. Katzman, A. Nilsson, C. Hammarlund

e113 Comment on: Olsson et al. High levels of education are associated with an increased risk of latent autoimmune diabetes in adults: results from the Nord-Trøndelag Health Study. Diabetes Care 2011;34:102–107
P.T. Sawicki, H. Bastian

e114 Response to comment on: Olsson et al. High levels of education are associated with an increased risk of latent autoimmune diabetes in adults: results from the Nord-Trøndelag Health Study. Diabetes Care 2011;34:102–107
L. Olsson, A. Ahlbom, V. Grill, K. Midthjell, S. Carlsson