

All articles in *Diabetes Care* are available on the World Wide Web at [www.diabetes.org/diabetescare](http://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.

## Original Research

### Clinical Care/Education/Nutrition/Psychosocial Research

**1699** Dietary phylloquinone and menaquinones intakes and risk of type 2 diabetes  
J.W.J. Beulens, D.L. van der A., D.E. Grobbee, I. Sluijs, A.M.W. Spijkerman, Y.T. van der Schouw

**1706** Rosiglitazone and cognitive stability in older individuals with type 2 diabetes and mild cognitive impairment  
A.M. Abbatecola, F. Lattanzio, A.M. Molinari, M. Cioffi, L. Mansi, P. Rambaldi, L. DiCioccio, F. Cacciapuoti, R. Canonico, G. Paolisso

► **1712** Telehealth improves diabetes self-management in an underserved community: Diabetes TeleCare  
R.M. Davis, A.D. Hitch, M.M. Salaam, W.H. Herman, I.E. Zimmer-Galler, E.J. Mayer-Davis

► **1718** Survival of patients with type 1 diabetes receiving renal replacement therapy in 1980–2007  
M. Haapio, J. Helve, P.-H. Groop, C. Grönhagen-Riska, P. Finne

**1724** Glycemic control in children with type 1 diabetes in Wales: influence of the pediatric diabetes specialist nurse  
M. O'Hagan, J.N. Harvey, for the Brecon Group

**1727** Simulated physician learning program improves glucose control in adults with diabetes  
J.M. Sperl-Hillen, P.J. O'Connor, W.A. Rush, P.E. Johnson, T. Gilmer, G. Biltz, S.E. Asche, H.L. Ekstrom

**1734** Exenatide affects circulating cardiovascular risk biomarkers independently of changes in body composition  
M.C. Bunck, M. Diamant, B. Eliasson, A. Cornér, R.M. Shaginian, R.J. Heine, M.-R. Taskinen, H. Yki-Järvinen, U. Smith

**1738** Effect of internet therapeutic intervention on A1C levels in patients with type 2 diabetes treated with insulin  
H.D. Tildesley, A.B. Mazanderani, S.A. Ross

**1741** A randomized controlled trial comparing motivational interviewing in education to structured diabetes education in teens with type 1 diabetes  
Y.-C. Wang, S.M. Stewart, M. Mackenzie, P.A. Nakonezny, D. Edwards, P.C. White

**1744** Impact of an interactive online nursing educational module on insulin errors in hospitalized pediatric patients  
M.M. Sullivan, C.R. O'Brien, S.E. Gitelman, S.E. Shapiro, R.J. Rushakoff

**1747** Factors associated with psychological insulin resistance in individuals with type 2 diabetes  
S. Nam, C. Chesla, N.A. Stotts, L. Kroon, S.L. Janson

**1750** Mixing insulin aspart with detemir does not affect glucose excursion in children with type 1 diabetes  
T.M. Nguyen, V.S. Renukuntla, R.A. Heptulla

### Epidemiology/Health Services Research

**1753** Cross-sectional study of periodontal care and glycosylated hemoglobin in an insured population  
L. Spangler, R.J. Reid, R. Inge, K.M. Newton, P. Hujoel, M. Chaudhari, R.J. Genco, W.E. Barlow

**1759** Weight loss, glycemic control, and changes in cardiovascular biomarkers in patients with type 2 diabetes receiving incretin therapies or insulin in a large cohort database  
E.S. Horton, C. Silberman, K.L. Davis, R. Berria

**1766** Diabetes and risk of hip fracture in the Singapore Chinese Health Study  
W.-P. Koh, R. Wang, L.-W. Ang, D. Heng, J.-M. Yuan, M.C. Yu

► **1771** Risk of diabetes in U.S. military service members in relation to combat deployment and mental health  
E.J. Boyko, I.G. Jacobson, B. Smith, M.A.K. Ryan, T.I. Hooper, P.J. Amoroso, G.D. Gackstetter, E. Barrett-Connor, T.C. Smith, for the Millennium Cohort Study Team

**1778** Parity and the association with diabetes in older women  
A.G. Fowler-Brown, I.H. de Boer, J.M. Catov, M.R. Carnethon, A. Kamineni, L.H. Kuller, D.S. Siscovich, K.J. Mukamal

**1783** Prevalence and clinical outcome of hyperglycemia in the perioperative period in noncardiac surgery  
A. Frisch, P. Chandra, D. Smiley, L. Peng, M. Rizzo, C. Gatcliffe, M. Hudson, J. Mendoza, R. Johnson, E. Lin, G.E. Umpierrez

**1789** Long-term pancreas allograft survival in simultaneous pancreas-kidney transplantation by era: UNOS registry analysis  
K. Waki, P.I. Terasaki, T. Kadokawa

### Pathophysiology/Complications

► **1792** Corneal confocal microscopy: a novel noninvasive test to diagnose and stratify the severity of human diabetic neuropathy  
M. Tavakoli, C. Quattrini, C. Abbott, P. Kallinikos, A. Marshall, J. Finnigan, P. Morgan, N. Efron, A.J.M. Boulton, R.A. Malik

**1798**  $\beta$ -cell function declines within the first year postpartum in women with recent glucose intolerance in pregnancy  
R. Retnakaran, Y. Qi, M. Sermer, P.W. Connelly, A.J.G. Hanley, B. Zinman

**1805** Association between urinary type IV collagen level and deterioration of renal function in type 2 diabetic patients without overt proteinuria  
S. Araki, M. Haneda, D. Koya, K. Isshiki, S. Kume, T. Sugimoto, H. Kawai, Y. Nishio, A. Kashiwagi, T. Uzu, H. Maegawa

**1811** Dialysis treatment is an independent risk factor for foot ulceration in patients with diabetes and stage 4 or 5 chronic kidney disease  
A. Ndip, M.K. Rutter, L. Vileikyte, A. Vardhan, A. Asari, M. Jameel, H.A. Tahir, L.A. Lavery, A.J.M. Boulton

**1817** Central role of fatty liver in the pathogenesis of insulin resistance in obese adolescents  
E. D'Adamo, A.M.G. Cali, R. Weiss, N. Santoro, B. Pierpont, V. Northrup, S. Caprio

**1823** Effect of paternal diabetes on pre-diabetic phenotypes in adult offspring  
A. Penesova, J.C. Bunt, C. Bogardus, J. Krakoff

**1829** Glycemic control influences serum angiogenin concentrations in patients with type 2 diabetes  
J. Siebert, M. Reiwer-Gostomska, J. Mysliwska, N. Marek, K. Raczyńska, L. Glasner

**1831** Sex steroids affect triglyceride handling, glucose-dependent insulinotropic polypeptide, and insulin sensitivity: a 1-week randomized clinical trial in healthy young men  
*B. Lapauw, M. Ouwens, L.M. 't Hart, B. Wuyts, J.J. Holst, G. T'Sjoen, J.-M. Kaufman, J.B. Ruige*

**1834** Aldose reductase gene polymorphisms and diabetic retinopathy susceptibility  
*S. Abhayar, K.P. Burdon, K.J. Laurie, S. Thorpe, J. Landers, L. Goold, S. Lake, N. Petrovsky, J.E. Craig*

**1837** Acidosis: the prime determinant of depressed sensorium in diabetic ketoacidosis  
*E.A. Nyenwe, L.N. Razavi, A.E. Kitabchi, A.N. Khan, J.Y. Wan*

## **Cardiovascular and Metabolic Risk**

**1840** Plasma protein growth arrest-specific 6 levels are associated with altered glucose tolerance, inflammation, and endothelial dysfunction  
*Y.-J. Hung, C.-H. Lee, N.-F. Chu, Y.-S. Shieh*

**1845** Prevalence and predictors of overweight and insulin resistance in offspring of mothers with gestational diabetes mellitus  
*H. Boerschmann, M. Pflüger, L. Henneberger, A.-G. Ziegler, S. Hummel*

**1850** Increases in waist circumference and weight as predictors of type 2 diabetes in individuals with impaired fasting glucose: influence of baseline BMI: data from the DESIR study  
*A. Gautier, R. Roussel, P.H. Ducluzeau, C. Lange, S. Vol, B. Balkau, F. Bonnet, for the DESIR Study Group*

**1853** Roles of the metabolic syndrome, HDL cholesterol, and coronary atherosclerosis in subclinical inflammation  
*P. Rein, C.H. Saely, S. Beer, A. Vonbank, H. Drexel*

**1856** Using glycosylated hemoglobin to define the metabolic syndrome in United States adults  
*K.L. Ong, A.W.K. Tso, K.S.L. Lam, S.S. Cherny, P.C. Sham, B.M.Y. Cheung*

## **Reviews/Commentaries/ADA Statements**

### **1859 Meta-analysis**

The effect of oral antidiabetic agents on A1C levels: a systematic review and meta-analysis  
*D. Sherifali, K. Nerenberg, E. Pullenayegum, J.E. Cheng, H.C. Gerstein*

### **1865 Kelly West Award Lecture 2009**

Epidemiology of type 2 diabetes and cardiovascular disease: translation from population to prevention: the Kelly West Award Lecture 2009  
*J.B. Meigs*

### **1872 Review**

Cost-effectiveness of interventions to prevent and control diabetes mellitus: a systematic review  
*R. Li, P. Zhang, L.E. Barker, F.M. Chowdhury, X. Zhang*

### **1895 Commentary**

Recommendations for management of diabetes during Ramadan: update 2010  
*M. Al-Arouj, S. Assaad-Khalil, J. Buse, I. Fahdil, M. Fahmy, S. Hafez, M. Hassanein, M.A. Ibrahim, D. Kendall, S. Kishawi, A. Al-Madani, A.B. Nakhi, K. Tayeb, A. Thomas*

## **1903 Consensus Statement**

2010 consensus statement on the worldwide standardization of the hemoglobin A1C measurement  
*R. Hanas, G. John, on behalf of the International HbA<sub>1c</sub> Consensus Committee*

## **Point/Counterpoint**

**1905** Point: postprandial glucose levels are a clinically important treatment target  
*A. Ceriello*

**1908** Counterpoint: postprandial glucose levels are not a clinically important treatment target  
*M.B. Davidson*

## **1911 Errata**

## **1912 Issues and Updates**

## **Diabetes Care Electronic Pages**

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

## **Perspectives on the News**

**e103** World Congress on the Insulin Resistance Syndrome, 2009: cellular mechanisms of insulin resistance

## **Online Letters: Observations**

**e109** Dietary acculturation, obesity, and diabetes among Chinese immigrants in New York City  
*A. Oster, J. Yung*

**e110** One-year reductions in body weight and blood pressure, but not in visceral fat accumulation and adiponectin, improve urinary albumin-to-creatinine ratio in middle-aged Japanese men  
*H. Nakatsuji, K. Kishida, T. Funahashi, M. Noguchi, T. Ogawa, Y. Okauchi, H. Nishizawa, T. Nakamura, Y. Matsuzawa, I. Shimomura*

**e112** Neonatal diabetes caused by pancreatic agenesis: which other genes should be used for diagnosis?  
*A. Salina, L. Pasquali, C. Alois, F. Lugani, G. d'Annunzio, R. Lorini*

**e113** Volunteer caregivers and the management of a total blind/brittle type 1 diabetic student and researcher at Yale  
*R.S. Sherwin, M.A. Weed*

## **Online Letters: Comments and Responses**

**e114** Pro12Ala polymorphism in the PPARG gene contributes to the development of diabetic nephropathy in Chinese type 2 diabetic patients: comment on the study by Liu et al.  
*E. Lapice, M. Pinelli, G. Riccardi, O. Vaccaro*

**e115** Pro12Ala polymorphism in the PPARG gene contributes to the development of diabetic nephropathy in Chinese type 2 diabetic patients: response to Lapice et al.  
*L. Liu, T. Zheng, F. Wang, N. Wang, M. Li*