

All articles in *Diabetes Care* are available on the World Wide Web at [www.diabetes.org/diabetescare](http://www.diabetes.org/diabetescare). Cover articles (►) are available free of charge. Other articles are available free to print subscribers or can be purchased as PDF files.

## Original Articles

### Clinical Care/Education/Nutrition

**963** Structured personal diabetes care in primary health care affects only women's HbA<sub>1c</sub>  
A.B.S. Nielsen, N. de Fine Olivarius, D. Gannik, C. Hindsberger, H. Hollnagel

► **970** A clinical screening tool identifies autoimmune diabetes in adults  
S. Fourlanos, C. Perry, M.S. Stein, J. Stankovich, L.C. Harrison, P.G. Colman

**976** Consumption of both resistant starch and β-glucan improves postprandial plasma glucose and insulin in women  
K.M. Behall, D.J. Scholfield, J.G. Hallfrisch, H.G.M. Liljeberg-Elmståhl

**982** Diet of adolescents with and without diabetes: trading candy for potato chips?  
V.S. Helgeson, L. Viccaro, D. Becker, O. Escobar, L. Siminerio

**988** A new wound-based severity score for diabetic foot ulcers: a prospective analysis of 1,000 patients  
S. Beckert, M. Witte, C. Wicke, A. Königsrainer, S. Coerper

### Epidemiology/Health Services/Psychosocial Research

**993** Parent perceptions of caring for adolescents with type 2 diabetes  
S.A. Mulvaney, D.G. Schlundt, E. Mudasiru, M. Fleming, A.M. Vander Woude, W.E. Russell, T.A. Elasy, R. Rothman

**998** Blood glucose and coronary artery disease in nondiabetic patients  
C. Nielson, T. Lange, N. Hadjokas

**1002** Mealtime interactions relate to dietary adherence and glycemic control in young children with type 1 diabetes  
S.R. Patton, L.M. Dolan, S.W. Powers

**1007** Diabetes as a tracer condition in international benchmarking of health systems  
E. Nolte, C. Bain, M. McKee

### Emerging Treatments and Technologies

**1012** The use of insulin pumps with meal bolus alarms in children with type 1 diabetes to improve glycemic control  
H.P. Chase, B. Horner, K. McFann, H. Yetzer, J. Gaston, C. Banion, R. Fiallo-Scharer, R. Slover, G. Klingensmith

**1016** Improvement of glycemic control, triglycerides, and HDL cholesterol levels with muraglitazar, a dual ( $\alpha/\gamma$ ) peroxisome proliferator-activated receptor activator, in patients with type 2 diabetes inadequately controlled with metformin monotherapy: a double-blind, randomized, pioglitazone-comparative study  
D.M. Kendall, C.J. Rubin, P. Mohideen, J.-M. Ledene, R. Belder, J. Gross, P. Norwood, M. O'Mahony, K. Sall, G. Sloan, A. Roberts, F.T. Fiedorek, R.A. DeFranzo

### Pathophysiology/Complications

**1024** Monitoring kidney function in type 2 diabetic patients with incipient and overt diabetic nephropathy  
P. Rossing, K. Rossing, P. Gæde, O. Pedersen, H.-H. Parving

**1031** Increased plasma amylin in type 1 diabetic patients after kidney and pancreas transplantation: a sign of impaired β-cell function?

M. Stadler, C. Anderwald, T. Karer, A. Tura, T. Kästenbauer, M. Attinger, C. Bieglmayer, O. Wagner, F. Kronenberg, P. Nowotny, G. Pacini, R. Prager

► **1039** Effects of pioglitazone on endothelial function, insulin sensitivity, and glucose control in subjects with coronary artery disease and new-onset type 2 diabetes  
H. Sourij, R. Zweiker, T.C. Wascher

**1046** Role of genetic polymorphism peroxisome proliferator-activated receptor-γ2 Pro12Ala on ethnic susceptibility to diabetes in South-Asian and Caucasian subjects: evidence for heterogeneity

V. Radha, K.S. Vimaleswaran, H.N.S. Babu, N. Abate, M. Chandalia, P. Satija, S.M. Grundy, S. Ghosh, P.P. Majumder, R. Deepa, S.M.R. Rao, V. Mohan

**1052** The effects of the Pro12Ala polymorphism of the peroxisome proliferator-activated receptor-γ2 gene on glucose/insulin metabolism interact with prenatal exposure to famine  
S.R. de Rooij, R.C. Painter, D.I.W. Phillips, C. Osmond, M.W.T. Tanck, J.C. Defesche, P.M.M. Bossuyt, R.P.J. Michels, O.P. Bleker, T.J. Roseboom

**1058** Burden of infection and insulin resistance in healthy middle-aged men

J.-M. Fernández-Real, A. López-Bermejo, J. Vendrell, M.-J. Ferri, M. Recasens, W. Ricart

### Cardiovascular and Metabolic Risk

► **1065** Antihypertensive medications and the risk of incident type 2 diabetes

E.N. Taylor, F.B. Hu, G.C. Curhan

**1071** Effect of rosiglitazone on endothelial function and inflammatory markers in patients with the metabolic syndrome  
K. Esposito, M. Cirotola, D. Carleo, B. Schisano, F. Saccomanno, F.C. Sasso, D. Cozzolino, R. Assaloni, D. Merante, A. Ceriello, D. Giugliano

**1077** Association of elevated serum ferritin levels and the risk of gestational diabetes mellitus in pregnant women: the Camden Study  
X. Chen, T.O. Scholl, T.P. Stein

**1083** Metformin improves endothelial vascular reactivity in first-degree relatives of type 2 diabetic patients with metabolic syndrome and normal glucose tolerance

L.G.K. de Aguiar, L.R. Bahia, N. Villela, C. Laflor, F. Sicuro, N. Wiernsperger, D. Bottino, E. Bouskela

**1090** Common presence of non-transferrin-bound iron among patients with type 2 diabetes

D.-H. Lee, D.Y. Liu, D.R. Jacobs, Jr., H.-R. Shin, K. Song, I.-K. Lee, B. Kim, R.C. Hider

**1096** Proinflammatory cytokines, insulin resistance, and insulin secretion in chronic hepatitis C patients: a case-control study  
A. Lecube, C. Hernández, J. Genescà, R. Simó

### Brief Reports

### Clinical Care/Education/Nutrition

**1102** Is the association between dietary glycemic index and type 2 diabetes modified by waist circumference?

M. Schulz, A.D. Liese, F. Fang, T.S. Gilliard, A.J. Karter

Table of Contents continues on page x

**1105** Association of breast-feeding and early childhood overweight in children from mothers with gestational diabetes mellitus

U.M. Schaefer-Graf, R. Hartmann, J. Pawliczak, D. Passow, M. Abou-Dakn, K. Vetter, O. Kordonouri

## Pathophysiology/Complications

**1108** Immune reactivity to a Glb1 homologue in a highly wheat-sensitive patient with type 1 diabetes and celiac disease

M. Mojibian, H. Chakir, A.J. MacFarlane, D.E. Lefebvre, J.R. Webb, C. Touchie, J. Karsh, J.A. Crookshank, F.W. Scott

**1111** Plasma sRAGE is independently associated with urinary albumin excretion in type 2 diabetes

P.M. Humpert, S. Kopf, Z. Djuric, T. Wendt, M. Morcos, P.P. Nawroth, A. Bierhaus

**1114** Is peripheral neuropathy associated with retinopathy and albuminuria in individuals with impaired glucose metabolism? The 1999–2000 AusDiab

E.L.M. Barr, T.Y. Wong, R.J. Tapp, C.A. Harper, P.Z. Zimmet, R. Atkins, J.E. Shaw, on behalf of the AusDiab Steering Committee

**1117** Association of nephrin gene polymorphisms with type 2 diabetes in a Japanese population: the Funagata Study

M. Daimon, G. Ji, T. Oizumi, T. Kido, M. Baba, Y. Jimbu, W. Kameda, S. Susa, H. Yamaguchi, H. Ohnuma, M. Muramatsu, T. Kato

**1120** Contrasting testosterone concentrations in type 1 and type 2 diabetes

R. Tomar, S. Dhindsa, A. Chaudhuri, P. Mohanty, R. Garg, P. Dandona

## Cardiovascular and Metabolic Risk

**1123** A proposal for the cutoff point of waist circumference for the diagnosis of metabolic syndrome in the Japanese population

K. Hara, Y. Matsushita, M. Horikoshi, N. Yoshiike, T. Yokoyama, H. Tanaka, T. Kadokawa

**1125** Metabolic syndrome and risk of coronary, cerebral, and peripheral vascular disease in a large Dutch population with familial hypercholesterolemia

J.S. Rana, A.C. Jansen, A.H. Zwinderman, M. Nieuwdorp, E.S. van Aalst-Cohen, J.W. Jukema, M.D. Trip, J.J.P. Kastelein

**1128** Incidence of type 2 diabetes in individuals with central obesity in a rural Japanese population: the Tanno and Sobetsu Study

H. Ohnishi, S. Saitoh, S. Takagi, N. Katoh, Y. Chiba, H. Akasaka, Y. Nakamura, K. Shimamoto

## Reviews/Commentaries/ADA Statements

### 1130 Review

Contributions of  $\beta$ -cell dysfunction and insulin resistance to the pathogenesis of impaired glucose tolerance and impaired fasting glucose

M.A. Abdul-Ghani, D. Tripathy, R.A. DeFronzo

### 1140 Review

Glucose abnormalities in patients with hepatitis C virus infection: epidemiology and pathogenesis

A. Lecube, C. Hernández, J. Genescà, R. Simó

### 1150 Consensus Statement

Diabetic ketoacidosis in infants, children, and adolescents: a consensus statement from the American Diabetes Association  
J. Wolfsdorf, N. Glaser, M.A. Sperling

### 1160 Perspectives on the News

Cardiovascular disease

Z.T. Bloomgarden

## Editorials

### 1167 Editorial

Antihypertensive therapy and the risk of new-onset diabetes

P.A. Sarafidis, G.L. Bakris

### 1170 Point-Counterpoint

Point: impaired fasting glucose: the case for the new American Diabetes Association criterion

J.E. Shaw, P.Z. Zimmet, K.G.M.M. Alberti

### 1173 Point-Counterpoint

Counterpoint: impaired fasting glucose: the case against the new American Diabetes Association guidelines

J.M. Dekker, B. Balkau

## Letters: Observations

**1176** The Biogun: a novel way of eradicating methicillin-resistant *Staphylococcus aureus* colonization in diabetic foot ulcers

C.N. Dang, R. Anwar, G. Thomas, Y.D.M. Prasad, A.J.M. Boulton, R.A. Malik

**1176** Higher levels of HDL cholesterol are associated with a decreased likelihood of albuminuria in patients with long-standing type 1 diabetes: response to Molitch et al.

B. Wierusz-Wysocka, D.A. Zozulinska, A. Araszkiewicz, D. Pisarczyk-Wiza

**1177** Integrating pediatric diabetes education into routine clinical care: the Families, Adolescents and Children's Teamwork Study (FACTS)

H.R. Murphy, C. Wadham, G. Rayman, C.T. Skinner

**1178** Retinopathy predicts future cardiovascular events among type 2 diabetic patients: the Valpolicella Heart Diabetes Study

G. Targher, L. Bertolini, R. Tessari, L. Zenari, G. Arcaro

**1178** Prostatic cancer, hypogonadism, and insulin resistance: a case report

J.A. Kiayias, E.D. Vlachou, S. Bakides, E. Petridou, I.N. Migdalis

**1179** A case of type 1 diabetes followed by methimazole-induced hypersensitivity syndrome

N. Ozaki, Y. Miura, Y. Oiso

**1180** Favorable effects of early insulin secretion by nateglinide on postprandial hyperlipidemia in patients with type 2 diabetes

M. Ai, A. Tanaka, K. Ogita, K. Shimokado

**1181** Transient diabetes associated with withdrawal of lithium therapy

O.E. Okosie, A. Campbell, K. Patton, M.L. Evans

**1181** Association of hGrb10 genetic variations with type 2 diabetes in Caucasian subjects

R. Di Paola, E. Ciociola, W. Boonyasrisawat, D. Nolan, J. Duffy, G. Mischio, C. Cisternino, G. Fini, V. Tassi, A. Doria, V. Trischitta

**1183** Metformin-induced pancreatitis: a possible adverse drug effect during acute renal failure

F.L. Fimognari, A. Corsonello, R. Pastorelli, R. Antonelli-Incalzi

## Letters: Comments and Responses

**1183** Change in HbA<sub>1c</sub> as a measure of quality of diabetes care

A.F. Spitz, H. Kanani

**1184** Change in HbA<sub>1c</sub> as a measure of quality of diabetes care: response to Spitz

N.G. Clark, G. Pawlson

**1185** Proposal for the reconsideration of the definition of gestational diabetes: response to Omori and Jovanovic

N.S. Dawood

**1185** Proposal for the reconsideration of the definition of gestational diabetes: response to Dawood

L. Jovanovic

**1186** The effect of monochromatic infrared energy on sensation in subjects with diabetic peripheral neuropathy: a double-blind, placebo-controlled study: response to Cliff et al.

T.J. Burke

Table of Contents continues on page xii

**1186** The effect of monochromatic infrared energy on sensation in subjects with diabetic peripheral neuropathy: a double-blind, placebo-controlled study: response to Burke  
*J.K. Clifft, R.J. Kasser, T.S. Newton, A.J. Bush*

**1187** Ischemia imaging and plaque imaging in diabetes: complementary tools to improve cardiovascular risk management: response to Raggi et al.  
*M.K. Rutter, R.W. Nesto*

**1188** Ischemia imaging and plaque imaging in diabetes: complementary tools to improve cardiovascular risk management: response to Rutter and Nesto  
*P. Raggi, A. Bellasi, C. Ratti*

**1188** Cut points of waist circumference: response to Sone and Colleagues  
*E. Oda*

**1189** Cut points of waist circumference: response to Oda  
*H. Sone, S. Tanaka, Y. Ohashi, N. Yamada*

**1190 Key Global Literature**

**1192 Errata**

**1193 Issues and Updates**

**1994 SI Units Table**

**1195 Classified Advertising**