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## Original Research

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

- **1927** Beneficial effects of insulin on glycemic control and β-cell function in newly diagnosed type 2 diabetes with severe hyperglycemia after short-term intensive insulin therapy  
*H.-S. Chen, T.-E. Wu, T.-S. Jap, L.-C. Hsiao, S.-H. Lee, H.-D. Lin*
- 1933** Impact of diabetes and its treatment on cognitive function among adolescents who participated in the diabetes control and complications trial  
*G. Musen, A.M. Jacobson, C.M. Ryan, P.A. Cleary, B.H. Waberski, K. Weinger, W. Dahms, M. Bayless, N. Silvers, J. Harth, N. White, the Diabetes Control and Complications Trial/Epidemiology of Diabetes Interventions and Complications (DCCT/EDIC) Research Group*
- 1939** Ser1369Ala variant in sulfonylurea receptor gene ABCC8 is associated with antidiabetic efficacy of gliclazide in Chinese type 2 diabetic patients  
*Y. Feng, G. Mao, X. Ren, H. Xing, G. Tang, Q. Li, X. Li, L. Sun, J. Yang, W. Ma, X. Wang, X. Xu*
- 1945** A1C but not serum glycated albumin is elevated in late pregnancy owing to iron deficiency  
*K. Hashimoto, S. Noguchi, Y. Morimoto, S. Hamada, K. Wasada, S. Imai, Y. Murata, S. Kasayama, M. Koga*
- 1949** Reduced progression to type 2 diabetes from impaired glucose tolerance after a 2-day in-hospital diabetes educational program: the Joetsu diabetes prevention trial  
*T. Kawahara, K. Takahashi, T. Inazu, T. Arao, C. Kawahara, T. Tabata, H. Moriyama, Y. Okada, E. Morita, Y. Tanaka*
- 1955** Can admission and fasting glucose reliably identify undiagnosed diabetes in patients with acute coronary syndrome?  
*O.E. Okosieme, R. Peter, M. Usman, H. Bolusani, P. Suruliram, L. George, L.M. Evans*
- **1960** Weight change in diabetes and glycemic and blood pressure control  
*A.C. Feldstein, G.A. Nichols, D.H. Smith, V.J. Stevens, K. Bachman, A.G. Rosales, N. Perrin*
- 1966** Mixed-meal tolerance test versus glucagon stimulation test for the assessment of β-cell function in therapeutic trials in type 1 diabetes  
*C.J. Greenbaum, T. Mandrup-Poulsen, P. Friedenberg McGee, T. Battelino, B. Haastert, J. Ludvigsson, P. Pozzilli, J.M. Lachin, H. Kolb, the Type 1 Diabetes TrialNet Research Group and the European C-Peptide Trial Study Group*
- 1972** Antecedent hyperglycemia is associated with an increased risk of neutropenic infections during bone marrow transplantation  
*R.L. Derr, V.C. Hsiao, C.D. Saudek*
- 1978** Prediction of the onset of disturbed eating behavior in adolescent girls with type 1 diabetes  
*M.P. Olmsted, P.A. Colton, D. Daneman, A.C. Rydall, G.M. Rodin*
- 1983** Superior mesenteric artery syndrome in type 1 diabetes masquerading as gastroparesis  
*L.F. Meneghini, A.R. Hogan, G. Selvaggi*

### Epidemiology/Health Services Research

- **1985** Timing is everything: age of onset influences long-term retinopathy risk in type 2 diabetes, independent of traditional risk factors  
*J. Wong, L. Molyneaux, M. Constantino, S.M. Twigg, D.K. Yue*
- 1991** Effect of aging on A1C levels in individuals without diabetes: evidence from the Framingham Offspring Study and the National Health and Nutrition Examination Survey 2001–2004  
*L.N. Pani, L. Korenda, J.B. Meigs, C. Driver, S. Chamany, C.S. Fox, L. Sullivan, R.B. D'Agostino, D.M. Nathan*
- 1997** Diabetes and obesity-related risks for pelvic reconstructive surgery in a cohort of Swedish twins  
*M. Forsman, A. Iliadou, P. Magnusson, C. Falconer, D. Altman*
- 2000** Association of C-reactive protein with reduced forced vital capacity in a nonsmoking U.S. population with metabolic syndrome and diabetes  
*H.M. Lee, T.V. Le, V.A. Lopez, N.D. Wong*
- 2003** Prospective cohort study of type 2 diabetes and the risk of Parkinson's disease  
*J.A. Driver, A. Smith, J.E. Buring, J.M. Gaziano, T. Kurth, G. Logroscino*
- ### Pathophysiology/Complications
- 2006** Risk factors related to inflammation and endothelial dysfunction in the DCCT/EDIC cohort and their relationship with nephropathy and macrovascular complications  
*M.F. Lopes-Virella, R.E. Carter, G.E. Gilbert, R.L. Klein, M. Jaffa, A.J. Jenkins, T.J. Lyons, W.T. Garvey, G. Virella, and the DCCT/EDIC Cohort Study Group*
- 2013** Testosterone concentration in young patients with diabetes  
*A. Chandel, S. Dhindsa, S. Topiwala, A. Chaudhuri, P. Dandona*
- 2018** Serum xylosyltransferase activity in diabetic patients as a possible marker of reduced proteoglycan biosynthesis  
*C. Götting, J. Kuhn, K. Kleesiek*
- ### Cardiovascular and Metabolic Risk
- 2020** Prevalence of the metabolic syndrome among a racially/ethnically diverse group of U.S. eighth-grade adolescents and associations with fasting insulin and homeostasis model assessment of insulin resistance levels  
*Studies to Treat or Prevent Pediatric Type 2 Diabetes (STOPP-T2D) Prevention Study Group*
- 2026** Glucose intolerance in pregnancy and future risk of pre-diabetes or diabetes  
*R. Retnakaran, Y. Qi, M. Sermer, P.W. Connelly, A.J.G. Hanley, B. Zinman*
- 2032** Changes in triglyceride levels over time and risk of type 2 diabetes in young men  
*A. Tirosh, I. Shai, R. Bitzur, I. Kochba, D. Tekes-Manova, E. Israeli, T. Shochat, A. Rudich*
- 2038** Risk prediction of cardiovascular disease in type 2 diabetes: a risk equation from the Swedish National Diabetes Register  
*J. Cederholm, K. Eeg-Olofsson, B. Eliasson, B. Zethelius, P.M. Nilsson, S. Gudbjörnsdóttir, on behalf of the Swedish National Diabetes Register*

**2044** Changes in risk variables of metabolic syndrome since childhood in pre-diabetic and type 2 diabetic subjects: the Bogalusa Heart Study  
Q.M. Nguyen, S.R. Srinivasan, J.-H. Xu, W. Chen, G.S. Berenson

**2050** Alcohol consumption, mediating biomarkers, and risk of type 2 diabetes among middle-aged women  
J.W.J. Beulens, E.B. Rimm, F.B. Hu, H.F.J. Hendriks, K.J. Mukamal

**2056** Predicting diabetes: clinical, biological, and genetic approaches: data from the Epidemiological Study on the Insulin Resistance Syndrome (DESIR)  
B. Balkau, C. Lange, L. Fezeu, J. Tichet, B. de Lauzon-Guillain, S. Czernichow, F. Fumeron, P. Froguel, M. Vaxillaire, S. Cauchi, P. Ducimetière, E. Eschwege

## **2062 Perspectives on the News**

American College of Endocrinology Pre-Diabetes Consensus Conference: Part One  
Z.T. Bloomgarden

## **Editorials**

### **2070 Editorial (see Chen et al., p. 1927)**

No need for the needle (at first)  
M.B. Davidson

### **2072 Editorial (see Musen et al., p. 1933)**

Glycemic control and hypoglycemia: is the loser the winner?  
L.C. Perlmutter, B.P. Flanagan, P.H. Shah, S.P. Singh

### **2077 Errata**

### **2078 Issues and Updates**

### **2079 Classified Advertising**

## **Diabetes Care Electronic Pages**

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

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

**e69** Pancreas histology and a longitudinal study of insulin secretion in a Japanese patient with latent autoimmune diabetes in adults  
S. Murao, A. Imagawa, E. Kawasaki, K. Yokota, T. Yamashita, T. Sekikawa, H. Osawa, T. Hanafusa, H. Makino

**e70** Bent needles: another problem in glycemic control  
A.C. Bossi, E.O. Ansah

**e71** Predictive value of postoperative glycosuria after partial elective pancreatectomy in focal congenital hyperinsulinism  
N. Khen-Dunlop, C. Capito, V. Valayannopoulos, C. Elie, M.-J. Ribeiro, J. Rahier, F. Jaubert, J.-J. Robert, Y. Aigrain, P. de Lonlay, C.N. Fékété

**e72** Elevated plasma plasminogen activator inhibitor-1 in CD36 deficiency  
H. Yanai, H. Chiba, K. Matsuno

**e73** Self-monitoring of blood glucose, cutaneous finger injury, and sensory loss in diabetic patients  
J.-P. Le Floch, B. Bauduceau, M. Lévy, H. Mosnier-Pudar, C. Sachon, B. Kakou

**e74** Prediction of mortality using measures of cardiac autonomic dysfunction in the diabetic and nondiabetic population: the MONICA/KORA Augsburg cohort study: response to Ziegler et al.  
V. Salvi, P. Hingorani, A. Ramasamy, S. Kothari

**e75** Prediction of mortality using measures of cardiac autonomic dysfunction in the diabetic and nondiabetic population: the MONICA/KORA Augsburg cohort study: response to Salvi et al.  
D. Ziegler, for the KORA Study Group

**e76** Comparison of negative pressure wound therapy using vacuum-assisted closure with advanced moist wound therapy in the treatment of diabetic foot ulcers: a multicenter randomized controlled trial: response to Blume et al.  
L.G. Hemkens, A. Waltering

**e77** Comparison of negative pressure wound therapy using vacuum-assisted closure with advanced moist wound therapy in the treatment of diabetic foot ulcers: a multicenter randomized controlled trial: response to Hemkens and Waltering  
P.A. Blume

**e78** Prognostic value of the insertion/deletion polymorphism of the ACE gene in type 2 diabetic subjects: results from the non-insulin-dependent diabetes, hypertension, microalbuminuria or proteinuria, cardiovascular events, and ramipril (DIABHYCAR), Diabète de type 2, Nephropathie et Genétique (DIAB2NEPHROGENE), and Survie, Diabète de type 2 et Genétique (SURDIAGENE) studies: response to Hadjadj et al.  
D.P.K. Ng

**e79** Prognostic value of the insertion/deletion polymorphism of the ACE gene in type 2 diabetic subjects: results from the Non-Insulin-Dependent Diabetes, Hypertension, Microalbuminuria or Proteinuria, Cardiovascular Events, and Ramipril (DIABHYCAR), Diabète de type 2, Nephropathie et Genétique (DIAB2NEPHROGENE), and Survie, Diabète de type 2 et Genétique (SURDIAGENE) studies: response to Ng et al.  
S. Hadjadj, R. Roussel, M. Marre, for the DIABHYCAR, DIAB2NEPHROGENE, and SURDIAGENE study groups

**e80** Comparison of the numerical and clinical accuracy of four continuous glucose monitors: response to Kovatchev et al.  
J. Brauker, B. Matsubara

**e81** Comparison of the numerical and clinical accuracy of four continuous glucose monitors: response to Brauker and Matsubara  
B. Kovatchev, S. Anderson, L. Heinemann, W. Clarke

**e82** Cross-sectional and prospective study of lung function in adults with type 2 diabetes: the Atherosclerosis Risk in Communities (ARIC) Study: response to Yeh et al.  
J.G. Teeter, R.J. Riese