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## Editorial

**1789** Gestational diabetes mellitus: Who to test. How to test.  
*D.J. Pettitt*

## Original Articles

### Clinical Care/Education/Nutrition

**1790** Association of hormone replacement therapy and carotid wall thickness in women with and without diabetes  
*J.T. Dubuisson, L.E. Wagenknecht, R.B. D'Agostino Jr., S.M. Haffner, M. Rewers, M.F. Saad, A. Laws, D.M. Herrington*

**1797** Safety and feasibility of dobutamine-atropine stress echocardiography for the diagnosis of coronary artery disease in diabetic patients unable to perform an exercise stress test  
*A. Elhendy, R.T. van Domburg, D. Poldermans, J.J. Bax, P.R. Nierop, M.L. Geleijnse, J.R.T.C. Roelandt*

► **1803** Gestational diabetes: do lean young Caucasian women need to be tested?  
*R.G. Moses, J. Moses, W.S. Davis*

► **1807** The 75-g glucose tolerance test in pregnancy: a reference range determined on a low-risk population and related to selected pregnancy outcomes  
*R.G. Moses, M. Moses, K.G. Russell, G.M. Schier*

### Epidemiology/Health Services/Psychosocial Research

► **1812** Impaired glucose tolerance, type 2 diabetes, and carotid wall thickness: the Insulin Resistance Atherosclerosis Study  
*L.E. Wagenknecht, R.B. D'Agostino Jr., S.M. Haffner, P.J. Savage, M. Rewers*

**1819** Lipoprotein(a) is an independent risk factor for coronary artery disease in NIDDM patients in South India  
*V. Mohan, R. Deepa, S. Prashanth Haranath, G. Premalatha, M. Rema, N. Ganapathi Sastry, E.A. Enas*

**1824** Islet cell autoimmunity in white and black children and adolescents with IDDM  
*I.M. Libman, M. Pietropaolo, M. Trucco, J.S. Dorman, R.E. LaPorte, D. Becker*

**1828** Differential effects of BMI on diabetes risk among black and white Americans  
*H.E. Resnick, P. Valsania, J.B. Halter, X. Lin*

**1836** Association of waist circumference with risk of hypertension and type 2 diabetes in Nigerians, Jamaicans, and African-Americans  
*I.S. Okosun, R.S. Cooper, C.N. Rotimi, B. Osotimehin, T. Forrester*

**1843** Plasma homocysteine concentrations in patients with type 1 diabetes  
*C.C. Cronin, J.M. McPartlin, D.G. Barry, J.B. Ferriss, J.M. Scott, D.G. Weir*

**1848** Decrease in glomerular filtration rate in Japanese patients with type 2 diabetes is linked to atherosclerosis  
*H. Taniwaki, Y. Nishizawa, T. Kawagishi, E. Ishimura, M. Emoto, T. Okamura, Y. Okuno, H. Morii*

**1856** Fasting plasma glucose in screening for diabetes in the Taiwanese population  
*C.-J. Chang, J.-S. Wu, F.-H. Lu, H.-L. Lee, Y.-C. Yang, M.-J. Wen*

**1861** Hyperglycemia and compositional lipoprotein abnormalities as predictors of cardiovascular mortality in type 2 diabetes: a 15-year follow-up from the time of diagnosis  
*L. Niskanen, A. Turpeinen, I. Penttilä, M.I.J. Uusitupa*

**1870** Assessment of risk for severe hypoglycemia among adults with IDDM: validation of the low blood glucose index  
*B.P. Kovatchev, D.J. Cox, L.A. Gonder-Frederick, D. Young-Hyman, D. Schlundt, W. Clarke*

**1876** Determinants of the quality of life of patients with diabetes under intensified insulin therapy  
*M. Rose, U. Burkert, G. Scholler, T. Schirop, G. Danzer, B.F. Klapp*

**1886** Lack of agreement between the World Health Organization category of impaired glucose tolerance and the American Diabetes Association category of impaired fasting glucose  
*F.J. Gómez-Pérez, C.A. Aguilar-Salinas, J.C. López-Alvarenga, J. Perez-Jauregui, L.E. Guillen-Pineda, J.A. Rull*

**1889** Comparison of glucose tolerance categories according to World Health Organization and American Diabetes Association diagnostic criteria in a population-based study in Brazil  
*S.G.A. Gimeno, S.R.G. Ferreira, L.J. Franco, M. Iunes, the Japanese-Brazilian Diabetes Study Group*

### Emerging Treatments and Technologies

**1893** Determining true glomerular filtration status in newly presenting type 2 diabetic subjects using age and sex adjustment  
*R. Playle, R.L. Ollerton, F.D. Dunstan, W.D. Evans, A. Burch, S.D. Luzio, D.R. Owens*

► **1897** A randomized placebo-controlled trial of repaglinide in the treatment of type 2 diabetes  
*R.B. Goldberg, D. Einhorn, C.P. Lucas, M.S. Rendell, P. Damsbo, W.-C. Huang, P. Strange, R.G. Brodows*

**1904** Improved glycemic control with insulin aspart: a multicenter randomized double-blind crossover trial in type 1 diabetic patients  
*P.D. Home, A. Lindholm, B. Hylleberg, P. Round, for the U.K. Insulin Aspart Study Group*

**1910** Variability of the metabolic effect of soluble insulin and the rapid-acting insulin analog insulin aspart  
*L. Heinemann, C. Weyer, M. Rauhaus, S. Heinrichs, T. Heise*

**1915** Reversal of defective nerve conduction with vitamin E supplementation in type 2 diabetes: a preliminary study  
*N. Başçıl Tütüncü, M. Bayraktar, K. Varlı*

**1919** Clinical and statistical evaluation of self-monitoring blood glucose meters  
*J.-Y. Poirier, N. Le Prieur, L. Campion, I. Guilhem, H. Allanic, D. Maugendre*

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## Pathophysiology/Complications

**1925** Influence of glucagon-like peptide 1 on fasting glycemia in type 2 diabetic patients treated with insulin after sulfonylurea secondary failure

M.A. Nauck, A. Sauerwald, R. Ritzel, J.J. Holst, W. Schmiegel

**1932** Predictors of progression from normoalbuminuria to microalbuminuria in NIDDM

C.M. Forsblom, P.-H. Groop, A. Ekstrand, K.J. Tötterman, T. Sane, C. Saloranta, L. Groop

**1939** Reduced  $\beta$ -adrenergic sensitivity in patients with type 1 diabetes and hypoglycemia unawareness

M.T. Korytkowski, M. Mokań, T.F. Veneman, A. Mitrakou, P.E. Cryer, J.E. Gerich

**1944** Hypoglycemia after pancreas transplantation

J.B. Redmon, A.U. Teuscher, R.P. Robertson

**1951** Increased plasma pancreastatin-like levels in gestational diabetes: correlation with catecholamine levels

V. Sánchez-Margalet, J.A. Lobón, A. González, F. Escobar-Jiménez, R. Goberna

**1955** An analysis of dynamic forces transmitted through the foot in diabetic neuropathy

J.E. Shaw, C.H.M. van Schie, A.L. Carrington, C.A. Abbott, A.J.M. Boulton

**1960** Effects of autonomic neuropathy on counterregulation and awareness of hypoglycemia in type 1 diabetic patients

C. Meyer, R. Großmann, A. Mitrakou, R. Mahler, T. Veneman, J. Gerich, R.G. Bretzel

**1967** Effect of weight change and metformin on fibrinolysis and the von Willebrand factor in obese nondiabetic subjects: the BIGPRO1 Study

M.A. Charles, P. Morange, E. Eschwège, P. André, P. Vague, I. Juhan-Vague, on behalf of the BIGPRO Study Group

**1973** Erectile dysfunction in diabetic subjects in Italy

D. Fedele, C. Coscelli, F. Santeusano, A. Bortolotti, L. Chatenoud, E. Colli, M. Landoni, F. Parazzini, on behalf of Gruppo Italiano Studio Deficit Erettile nei Diabetici

**1978** The Diabetes in Early Pregnancy Study:  $\beta$ -hydroxybutyrate levels in type 1 diabetic pregnancy compared with normal pregnancy

L. Jovanovic, B.E. Metzger, R.H. Knopp, M.R. Conley, E. Park, Y.J. Lee, J.L. Simpson, L. Holmes, J.H. Aarons, J.L. Mills, the NICHD-Diabetes in Early Pregnancy Study Group (DIEP)

**1985** Use of immunoglobulin A-antiendomysial antibody to screen for celiac disease in North American children with type 1 diabetes

K.A. Fraser-Reynolds, J.D. Butzner, D.K. Stephure, R.A. Trussell, R.B. Scott, J.D. Lalau, C. Mourlhon, A. Bergeret, C. Lacroix

**1990** Influence of puberty on endothelial dysfunction and oxidative stress in young patients with type 1 diabetes

T.A. Elhadd, F. Khan, G. Kirk, M. McLaren, R.W. Newton, S.A. Greene, J.J.F. Belch

**1997** The advanced glycation end product

N<sup>ε</sup>-(carboxymethyl)lysine is increased in serum from children and adolescents with type 1 diabetes

T.J. Berg, J.T. Clausen, P.A. Torjesen, K. Dahl-Jørgensen, H.-J. Bangstad, K.F. Hanssen

**2003** Blue-on-yellow and achromatic perimetry in diabetic children without retinopathy

L. Lobefalo, A. Verrotti, L. Mastropasqua, G. Della Loggia, V. Cherubini, G. Morgese, P.E. Gallenga, F. Chiarelli

**2007** Improved visual function in IDDM patients with unchanged cumulative incidence of sight-threatening diabetic retinopathy

K. Rossing, P. Jacobsen, P. Rossing, E. Lauritzen, H. Lund-Andersen, H.-H. Parving

**2016** Decreased release of lipoprotein lipase is associated with vascular endothelial damage in NIDDM patients with microalbuminuria

K. Kashiwazaki, T. Hirano, G. Yoshino, M. Kurokawa, H. Tajima, M. Adachi

## Reviews/Commentaries/Position Statements

### 2021 Commentary

The problem with intensive therapy  
R. Lorenz

### 2023 Perspectives on the News

American Diabetes Association Annual Meeting, 1998: epidemiology and neuropathy  
Z.T. Bloomgarden

## Letters: Observations

**2028** Metformin lowers lipoprotein(a) levels

D.S.H. Bell, F. Ovalle

**2028** Troglitazone interferes with gemfibrozil's lipid-lowering action

D.S.H. Bell, F. Ovalle

**2029** Acarbose-associated hepatotoxicity

R.J. Andrade, M. Lucena, J.L. Vega, M. Torres, F.J. Salmerón, V. Bellot, M.D. García-Escano, P. Moreno

**2030** Maggot therapy for the treatment of diabetic foot ulcers

K.Y. Mumcuoglu, A. Ingber, L. Gilead, J. Stessman, R. Friedmann, H. Schulman, H. Bichucher, I. IofUspensky, Miller, R. Galun, I. Raz

**2031** Magnesium supplementation in type 2 diabetes

N. Eibl, C. Schnack, G. Scherthaner

**2032** Supplement to the use of a paired value of fasting plasma glucose and glycated hemoglobin in predicting the likelihood of having diabetes

G.T.C. Ko, J.C.N. Chan, C.S. Cockram

**2033** Clinical and metabolic effects of fasting in 41 type 2 diabetic patients during Ramadan

A.R. Uysal, M.F. Erdoğan, G. Şahin, N. Kamel, G. Erdoğan

**2034** Impaired insulin secretion in Japanese diabetic subjects with an A-to-G mutation at nucleotide 8296 of the mitochondrial DNA in tRNA<sup>Lys</sup>

K. Kameoka, H. Isotani, K. Tanaka, H. Kitaoka, N. Ohsawa

**2036** Consequences of metformin intoxication

J.D. Lalau, C. Mourlhon, A. Bergeret, C. Lacroix

**2037** Three cases of GAD65 antibody-positive diabetes with ketosis and abrupt onset resulting in non-insulin-dependent state

J. Morimoto, T. Maruyama, A. Kasuga, Y. Ozawa, A. Kobayashi, S. Funakoshi, R. Iwasaki, Y. Suzuki, A. Shimada, T. Saruta

## Letters: Comments and Responses

**2039** Ceiling effect reduces the validity of the Diabetes Treatment Satisfaction Questionnaire

F. Pouwer, F.J. Snoek, R.J. Heine

**2039** Micronized fenofibrate in the management of dyslipidemia

G. Steiner

**2040** Association between fibrinogen levels and insulin resistance

E. Raynaud, J.-F. Brun, A. Perez-Martin, J. Mercier