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## Original Research

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

**1947** Factors predictive of use and of benefit from continuous glucose monitoring in type 1 diabetes  
*Juvenile Diabetes Research Foundation Continuous Glucose Monitoring Study Group*

▶ **1954** Blunted counterregulatory hormone responses to hypoglycemia in young children and adolescents with well-controlled type 1 diabetes  
*Diabetes Research in Children Network (DirecNet) Study Group*

**1960** How do we reduce the number of cases of missed postpartum diabetes in women with recent gestational diabetes mellitus?  
*U.M. Schaefer-Graf, S. Klavehn, R. Hartmann, H. Kleinwechter, N. Demandt, M. Sorger, S.L. Kjos, K. Vetter, M. Abou-Dakn*

**1965** Sleep duration, lifestyle intervention, and incidence of type 2 diabetes in impaired glucose tolerance: the Finnish Diabetes Prevention Study  
*H. Tuomilehto, M. Peltonen, M. Partinen, G. Lavigne, J.G. Eriksson, C. Herder, S. Aunola, S. Keinänen-Kiukaanniemi, P. Ilanne-Parikka, M. Uusitupa, J. Tuomilehto, J. Lindström, on behalf of the Finnish Diabetes Prevention Study Group*

**1972** Dietary patterns and glucose tolerance abnormalities in Chinese adults  
*Y. He, G. Ma, F. Zhai, Y. Li, Y. Hu, E.J.M. Feskens, X. Yang*

**1977** Vitamin D levels in subjects with and without type 1 diabetes residing in a solar rich environment  
*L. Bierschenk, J. Alexander, C. Wasserfall, M. Haller, D. Schatz, M. Atkinson*

### Epidemiology/Health Services Research

**1980** Insomnia with objective short sleep duration is associated with type 2 diabetes: a population-based study  
*A.N. Vgontzas, D. Liao, S. Pejovic, S. Calhoun, M. Karataraki, E.O. Bixler*

**1986** Determinants of quality in diabetes care process: the population-based Torino Study  
*R. Gnani, R. Picariello, L. la Karaghiosoff, G. Costa, C. Giorda*

**1993** Excessive loss of skeletal muscle mass in older adults with type 2 diabetes  
*S.W. Park, B.H. Goodpaster, J.S. Lee, L.H. Kuller, R. Boudreau, N. de Rekeneire, T.B. Harris, S. Kritchevsky, F.A. Tylavsky, M. Nevitt, Y. Cho, A.B. Newman, for the Health, Aging, and Body Composition Study*

**1998** Association between neighborhood-level deprivation and disability in a community sample of people with diabetes  
*N. Schmitz, D. Nitka, G. Garipey, A. Malla, J. Wang, R. Boyer, L. Messier, I. Strychar, A. Lesage*

**2005** Obstetric and perinatal outcomes in type 1 diabetic pregnancies: a large, population-based study  
*M. Persson, M. Norman, U. Hanson*

**2010** Association of type 1 diabetes with month of birth among U.S. youth: the SEARCH for Diabetes in Youth Study  
*H.S. Kahn, T.M. Morgan, L.D. Case, D. Dabelea, E.J. Mayer-Davis, J.M. Lawrence, S.M. Marcovina, G. Imperatore, for the SEARCH for Diabetes in Youth Study Group*

**2016** Prevalence and management of diabetes in Korean adults: Korea National Health and Nutrition Examination Surveys 1998–2005  
*Y.J. Choi, H.C. Kim, H.M. Kim, S.W. Park, J. Kim, D.J. Kim*

**2021** Eating fish and risk of type 2 diabetes: a population-based, prospective follow-up study  
*G.J. van Woudenberg, A.J. van Ballegooijen, A. Kuijsten, E.J.G. Sijbrands, F.J.A. van Rooij, J.M. Geleijnse, A. Hofman, J.C.M. Witteman, E.J.M. Feskens*

**2027** Association of A1C and fasting plasma glucose levels with diabetic retinopathy prevalence in the U.S. population: implications for diabetes diagnostic thresholds  
*Y.J. Cheng, E.W. Gregg, L.S. Geiss, G. Imperatore, D.E. Williams, X. Zhang, A.L. Albright, C.C. Cowie, R. Klein, J.B. Saaddine*

**2033** Significant synergistic effect of peroxisome proliferator-activated receptor  $\gamma$  C-2821T and diabetes on the risk of ischemic stroke  
*F.-I. Hsieh, W.-C. Lo, H.-J. Lin, Y.-C. Hsieh, L.-M. Lien, C.-H. Bai, H.-P. Tseng, H.-Y. Chiou*

### Emerging Treatments and Technologies

**2036** No effect of the altered peptide ligand NBI-6024 on  $\beta$ -cell residual function and insulin needs in new-onset type 1 diabetes  
*M. Walter, A. Philotheou, F. Bonnici, A.-G. Ziegler, R. Jimenez, on behalf of the NBI-6024 Study Group*

**2041** Autologous umbilical cord blood transfusion in very young children with type 1 diabetes  
*M.J. Haller, C.H. Wasserfall, K.M. McGrail, M. Cintron, T.M. Brusko, J.R. Wingard, S.S. Kelly, J.J. Shuster, M.A. Atkinson, D.A. Schatz*

**2047** Sustained benefit of continuous glucose monitoring on A1C, glucose profiles, and hypoglycemia in adults with type 1 diabetes  
*The Juvenile Diabetes Research Foundation Continuous Glucose Monitoring Study Group*

### Pathophysiology/Complications

**2050** Troponin T and pro-B-type natriuretic peptide in fetuses of type 1 diabetic mothers  
*N.E. Russell, M.F. Higgins, M. Amaruso, M. Foley, F.M. McAuliffe*

**2056** Evaluation of diabetic foot ulcer healing with hyperspectral imaging of oxyhemoglobin and deoxyhemoglobin  
*A. Nouvong, B. Hoogwerf, E. Mohler, B. Davis, A. Tajaddini, E. Medenilla*

**2062** Correlation between albuminuria and spontaneous platelet microaggregate formation in type 2 diabetic patients  
*S. Araki, H. Matsuno, M. Haneda, D. Koya, Y. Kanno, J. Itho, A. Kishi, K. Isshiki, T. Sugimoto, H. Maegawa, A. Kashiwagi, T. Uzu*

▶ **2068** Combined effects of routine blood pressure lowering and intensive glucose control on macrovascular and microvascular outcomes in patients with type 2 diabetes: new results from the ADVANCE trial  
*S. Zoungas, B.E. de Galan, T. Ninomiya, D. Grobbee, P. Hamet, S. Heller, S. MacMahon, M. Marre, B. Neal, A. Patel, M. Woodward, J. Chalmers, on behalf of the ADVANCE Collaborative Group*

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T.T. Nguyen, R. Kawasaki, J.J. Wang, A.J. Kreis, J. Shaw, W. Vilser, T.Y. Wong

**2081** Retinal vascular fractal dimension and risk of early diabetic retinopathy: a prospective study of children and adolescents with type 1 diabetes

S.W. Lim, N. Cheung, J.J. Wang, K.C. Donaghue, G. Liew, F.M.A. Islam, A.J. Jenkins, T.Y. Wong

**2084** Diabetic retinopathy is associated with elevated serum asymmetric and symmetric dimethylarginines

S. Abhary, N. Kasmeridis, K.P. Burdon, A. Kuot, M.J. Whiting, W.P. Yew, N. Petrovsky, J.E. Craig

## Cardiovascular and Metabolic Risk

**2087** In vivo insulin sensitivity and lipoprotein particle size and concentration in black and white children

S.F. Burns, S. Lee, S.A. Arslanian

► **2094** Prediction of coronary heart disease risk in a general, pre-diabetic, and diabetic population during 10 years of follow-up: accuracy of the Framingham, SCORE, and UKPDS risk functions: the Hoorn Study

A.A.W.A. van der Heijden, M.M. Ortegon, L.W. Niessen, G. Nijpels, J.M. Dekker

**2099** Risk factors for childhood overweight in offspring of type 1 diabetic women with adequate glycemic control during pregnancy: nationwide follow-up study in the Netherlands

M. Rijpert, I.M. Evers, M.A.M.J. de Vroede, H.W. de Valk, C.J. Heijnen, G.H.A. Visser

**2105** Association between plasma monocyte chemoattractant protein-1 concentration and cardiovascular disease mortality in middle-aged diabetic and nondiabetic individuals

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**2111** Regulatory effects of fenofibrate and atorvastatin on lipoprotein A-I and lipoprotein A-I:A-II kinetics in the metabolic syndrome

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**2116** Use of multiple metabolic and genetic markers to improve the prediction of type 2 diabetes: the EPIC-Potsdam Study

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**2120** Early life programming of abdominal adiposity in adolescents: the HELENA Study

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## Reviews/Commentaries/ADA Statements

### 2123 Meta-analysis

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## Perspectives on the News

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## Online Letters: Observations

**e134** Quality of life, coping ability, and metabolic control in patients with type 1 diabetes managed by group care and a carbohydrate counting program

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## Online Letters: Comments and Responses

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