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Original Research

Clinical Care/Education/Nutrition/Psychosocial Research

1891 Recurrent diabetic ketoacidosis in inner-city minority patients: behavioral, socioeconomic, and psychosocial factors

L. Randall, J. Begovic, M. Hudson, D. Smiley, L. Peng, N. Pitre, D. Umpierrez, G. Umpierrez

1897 Development of autoantibodies in the TrialNet Natural History Study

K. Vehik, C.A. Beam, J.L. Mahon, D.A. Schatz, M.J. Haller, J.M. Sosenko, J.S. Skyler, J.P. Krischer, for the TrialNet Natural History Study Group

1902 Effects of telmisartan on glucose levels in people at high risk for cardiovascular disease but free from diabetes: the TRANSCEND study

J.I. Barzilay, P. Gao, L. Rydén, H. Schumacher, J. Probstfield, P. Commerford, A. Dans, R. Ferreira, M. Keltai, E. Paolasso, S. Yusuf, K. Teo, on behalf of the TRANSCEND Investigators

1908 Hemoglobin A_{1c} as a screen for previously undiagnosed prediabetes and diabetes in an acute-care setting

R.A. Silverman, U. Thakker, T. Ellman, I. Wong, K. Smith, K. Ito, K. Graff

1913 Mediterranean diet and type 2 diabetes risk in the European Prospective Investigation into Cancer and Nutrition (EPIC) study: the InterAct project

The InterAct Consortium

1919 Lifestyle counseling for type 2 diabetes risk reduction in Dutch primary care: results of the APHRODITE study after 0.5 and 1.5 years

P.W.A. Vermunt, I.E.J. Milder, F. Welaard, J.H.M. de Vries, H.A.M. van Oers, G.P. Westert

1926 Peer-led diabetes education programs in high-risk Mexican Americans improve glycemic control compared with standard approaches: a Project Dulce promotora randomized trial

A. Philis-Tsimikas, A. Fortmann, L. Lleva-Ocana, C. Walker, L.C. Gallo

1932 Changes in altitude cause unintended insulin delivery from insulin pumps: mechanisms and implications

B.R. King, P.W. Goss, M.A. Paterson, P.A. Crock, D.G. Anderson

1934 Cluster-randomized trial of a mobile phone personalized behavioral intervention for blood glucose control

C.C. Quinn, M.D. Shardell, M.L. Terrin, E.A. Barr, S.H. Ballew, A.L. Gruber-Baldini

1943 Short form of the Chinese version Diabetes Quality of Life for Youth scale: a psychometric testing in Taiwanese adolescents with type 1 diabetes

R.-H. Wang, F.-S. Lo, B.-H. Chen, H.-Y. Hsu, Y.-J. Lee

1946 Novel soy germ pasta improves endothelial function, blood pressure, and oxidative stress in patients with type 2 diabetes

C. Clerici, E. Nardi, P.M. Battezzati, S. Asciutti, D. Castellani, N. Corazzi, V. Giuliano, S. Gizzi, G. Perriello, G. Di Matteo, F. Galli, K.D.R. Setchell

1949 Comparison of hemoglobin A_{1c} with fasting plasma glucose and 2-h postchallenge glucose for risk stratification among women with recent gestational diabetes mellitus

C. Kim, W.H. Herman, N.W. Cheung, E.P. Gunderson, C. Richardson

Epidemiology/Health Services Research

1952 Hemoglobin A_{1c}, fasting glucose, and cardiovascular risk in a population with high prevalence of diabetes: the Strong Heart Study

H. Wang, N.M. Shara, E.T. Lee, R. Devereux, D. Calhoun, G. de Simone, J.G. Umans, B.V. Howard

1959 Cross-sectional and longitudinal changes of glucose effectiveness in relation to glucose tolerance: the Insulin Resistance Atherosclerosis Study

C. Lorenzo, L.E. Wagenknecht, A.J. Karter, A.J.G. Hanley, M.J. Rewers, S.M. Haffner

1965 Further exploration of the relationship between insulin glargine and incident cancer: a retrospective cohort study of older Medicare patients

N.E. Morden, S.K. Liu, J. Smith, T.A. Mackenzie, J. Skinner, M. Korc

1972 Association between type 2 diabetes and exposure to persistent organic pollutants

R. Airaksinen, P. Rantakokko, J.G. Eriksson, P. Blomstedt, E. Kajantie, H. Kiviranta

1980 Prevalence and management of diabetes and metabolic risk factors in Thai adults: the Thai National Health Examination Survey IV, 2009

W. Aekplakorn, S. Chariyalertsak, P. Kessomboon, R. Sangthong, R. Inthawong, P. Putwatana, S. Taneepanichskul, the Thai National Health Examination Survey IV Study Group

► **1986** Changes in BMI, duration of overweight and obesity, and glucose metabolism: 45 years of follow-up of a birth cohort

C. Power, C. Thomas

1992 Achieved levels of HbA_{1c} and likelihood of hospital admission in people with type 1 diabetes in the Scottish population: a study from the Scottish Diabetes Research Network Epidemiology Group

L. Govan, O. Wu, A. Briggs, H.M. Colhoun, C.M. Fischbacher, G.P. Leese, J.A. McKnight, S. Philip, N. Sattar, S.H. Wild, R.S. Lindsay, on behalf of the Scottish Diabetes Research Network Epidemiology Group

1998 Household income and cardiovascular disease risks in U.S. children and young adults: analyses from NHANES 1999–2008

M.K. Ali, K.M. Bullard, G.L. Beckles, M.R. Stevens, L. Barker, K.M.V. Narayan, G. Imperatore

► **2005** Decline in the cumulative incidence of severe diabetic retinopathy in patients with type 1 diabetes

J.P. Kytö, V. Harjutsalo, C. Forsblom, K. Hietala, P.A. Summanen, P.-H. Groop, on behalf of the FinnDiane Study Group

Emerging Treatments and Technologies

2008 Effects of the new dual PPARα/δ agonist GFT505 on lipid and glucose homeostasis in abdominally obese patients with combined dyslipidemia or impaired glucose metabolism

B. Cariou, Y. Zaïr, B. Staels, E. Bruckert

2015 Dapagliflozin versus glipizide as add-on therapy in patients with type 2 diabetes who have inadequate glycemic control with metformin: a randomized, 52-week, double-blind, active-controlled noninferiority trial

M.A. Nauck, S. Del Prato, J.J. Meier, S. Durán-G

2026 Phase I (safety) study of autologous tolerogenic dendritic cells in type 1 diabetic patients
N. Giannoukakis, B. Phillips, D. Finegold, J. Harnaha, M. Trucco

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► **2033** Declining β -cell function relative to insulin sensitivity with escalating OGTT 2-h glucose concentrations in the nondiabetic through the diabetic range in overweight youth
S.F. Burns, F. Bacha, S.J. Lee, H. Tjafylli, N. Gungor, S.A. Arslanian

2041 Effects of exenatide on measures of β -cell function after 3 years in metformin-treated patients with type 2 diabetes
M.C. Bunck, A. Cornér, B. Eliasson, R.J. Heine, R.M. Shaginan, M.-R. Taskinen, U. Smith, H. Yki-Järvinen, M. Diamant

2048 Chronic reduction of fasting glycemia with insulin glargine improves first- and second-phase insulin secretion in patients with type 2 diabetes
C. Pennartz, N. Schenker, B.A. Menge, W.E. Schmidt, M.A. Nauck, J.J. Meier

2054 Efficacy and safety of antioxidant treatment with α -lipoic acid over 4 years in diabetic polyneuropathy: the NATHAN 1 trial
D. Ziegler, P.A. Low, W.J. Litchy, A.J.M. Boulton, A.I. Vinik, R. Freeman, R. Samigullin, H. Tritschler, U. Munzel, J. Maus, K. Schütte, P.J. Dych

2061 Gestational diabetes mellitus causes changes in the concentrations of adipocyte fatty acid-binding protein and other adipocytokines in cord blood
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2067 Ratio of waist-to-calf circumference and carotid atherosclerosis in Korean patients with type 2 diabetes
S.-K. Kim, Y.J. Choi, B.W. Huh, C.-S. Kim, S.W. Park, E.J. Lee, Y.-W. Cho, K.B. Huh

2072 Vildagliptin improves endothelium-dependent vasodilatation in type 2 diabetes
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2078 Initial angiotensin receptor blockade-induced decrease in albuminuria is associated with long-term renal outcome in type 2 diabetic patients with microalbuminuria: a post hoc analysis of the IRMA-2 trial
M.E. Hellemons, F. Persson, S.J.L. Bakker, P. Rossing, H.-H. Parving, D. De Zeeuw, H.J. Lambers Heerspink

2084 Type 1 diabetes and interferon therapy: a nationwide survey in Japan
K. Nakamura, E. Kawasaki, A. Imagawa, T. Awata, H. Ikegami, Y. Uchigata, T. Kobayashi, A. Shimada, K. Nakanishi, H. Makino, T. Maruyama, T. Hanafusa, the Research Committee on Type 1 Diabetes of the Japan Diabetes Society

2090 Observation on renal outcomes in the Veterans Affairs Diabetes Trial
L. Agrawal, N. Azad, N.V. Emanuele, G.D. Bahn, D.G. Kaufman, T.E. Moritz, W.C. Duckworth, C. Abaira, for the Veterans Affairs Diabetes Trial (VADT) Study Group

Cardiovascular and Metabolic Risk

2095 Clinical usefulness of different lipid measures for prediction of coronary heart disease in type 2 diabetes: a report from the Swedish National Diabetes Register
B. Eliasson, J. Cederholm, K. Eeg-Olofsson, A.-M. Svensson, B. Zethelius, S. Gudbjörnsdóttir, on behalf of the National Diabetes Register

2101 Cardiovascular risk prediction is improved by adding asymptomatic coronary status to routine risk assessment in type 2 diabetic patients
E. Cosson, M.T. Nguyen, B. Chanu, I. Banu, S. Chiheb, C. Balta, K. Takbou, P. Valensi

2108 Two-step approach for the prediction of future type 2 diabetes risk
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C. Chen, B.M.Y. Cheung, A.W.K. Tso, Y. Wang, L.S.C. Law, K.L. Ong, N.M.S. Wat, A. Xu, K.S.L. Lam

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2123 Consensus Report

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Online Letters: Comments and Responses

e148 Comment on: Sun et al. Protection from retinopathy and other complications in patients with type 1 diabetes of extreme duration: the Joslin 50-Year Medalist Study. *Diabetes Care* 2011;34:968–974
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A. Viktorinova, S. Kinova

e151 Response to comment on: Gaillard et al. HDL dysfunctionality (paraoxonase) is worse in nondiabetic, postmenopausal African American than in white women. *Diabetes Care* 2011;34:e19

T. Gaillard, S. Parthasarathy, K. Osei



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