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## Original Articles

### Clinical Care/Education/Nutrition

**2189** A double-blind, placebo-controlled trial assessing pramlintide treatment in the setting of intensive insulin therapy in type 1 diabetes  
*S. Edelman, S. Garg, J. Frias, D. Maggs, Y. Wang, B. Zhang, S. Strobel, K. Lutz, O. Kolterman*

**2196** Flexible intensive insulin therapy in adults with type 1 diabetes and high risk for severe hypoglycemia and diabetic ketoacidosis  
*A. Sämann, I. Mühlhauser, R. Bender, W. Hunger-Dathe, C. Kloos, U.A. Müller*

**2200** Prevention of hypoglycemia during exercise in children with type 1 diabetes by suspending basal insulin  
*The Diabetes Research in Children Network (DirecNet) Study Group*

**2205** The sensitivity and specificity of nonmydriatic digital stereoscopic retinal imaging in detecting diabetic retinopathy  
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**2210** Efficacy and safety of angiotensin II receptor blockade in elderly patients with diabetes  
*W.C. Winkelmayr, Z. Zhang, S. Shahinfar, M.E. Cooper, J. Avorn, B.M. Brenner*

► **2218** Effect of weight loss and nutritional intervention on arterial stiffness in type 2 diabetes  
*E. Barinas-Mitchell, L.H. Kuller, K. Sutton-Tyrrell, R. Hegazi, P. Harper, J. Mancino, D.E. Kelley*

**2223** Dietary fiber intake, dietary glycemic load, and the risk for gestational diabetes mellitus  
*C. Zhang, S. Liu, C.G. Solomon, F.B. Hu*

**2231** Breast-feeding and risk for childhood obesity: does maternal diabetes or obesity status matter?  
*E.J. Mayer-Davis, S.L. Rifas-Shiman, L. Zhou, F.B. Hu, G.A. Colditz, M.W. Gillman*

**2238** Dietary calcium and magnesium, major food sources, and risk of type 2 diabetes in U.S. black women  
*R.M. van Dam, F.B. Hu, L. Rosenberg, S. Krishnan, J.R. Palmer*

**2244** Vitamin D status and glucose homeostasis in the 1958 British birth cohort: the role of obesity  
*E. Hyppönen, C. Power*

**2247** Adequacy of glycemic control in hemodialysis patients with diabetes  
*D.J. Tascona, A.R. Morton, E.B. Toffelmire, D.C. Holland, E.A. Iliescu*

**2252** Mortality and hospitalization in patients after amputation: a comparison between patients with and without diabetes  
*C.J. Schofield, G. Libby, G.M. Brennan, R.R. MacAlpine, A.D. Morris, G.P. Leese, for the DARTS/MEMO Collaboration*

### Epidemiology/Health Services/Psychosocial Research

**2257** Psychological outcomes of patients with screen-detected type 2 diabetes: the influence of time since diagnosis and treatment intensity  
*B.J. Thoelen, D.T. de Ridder, J.M. Bensing, K.J. Gorter, G.E. Rutten*

**2263** Assessing regimen adherence of adolescents with type 1 diabetes  
*R.J. Iannotti, T.R. Nansel, S. Schneider, D.L. Haynie, B. Simons-Morton, D.O. Sobel, L. Zeitzoff, L.P. Plotnick, L. Clark*

### Pathophysiology/Complications

**2268** Brain aging in very old men with type 2 diabetes: the Honolulu-Asia Aging Study  
*E.S.C. Korf, L.R. White, P. Scheltens, L.J. Launer*

► **2275** The effect of pioglitazone on the liver: role of adiponectin  
*A. Gastaldelli, Y. Miyazaki, A. Mahankali, R. Berria, M. Pettiti, E. Buzzigoli, E. Ferrannini, R.A. DeFrondo*

**2282** Modeling chronic glycemic exposure variables as correlates and predictors of microvascular complications of diabetes  
*P.J. Dyck, J.L. Davies, V.M. Clark, W.J. Litchy, P.J.B. Dyck, C.J. Klein, R.A. Rizza, J.M. Pach, R. Klein, T.S. Larson, L.J. Melton, III, P.C. O'Brien*

**2289** Low testosterone and high C-reactive protein concentrations predict low hematocrit in type 2 diabetes  
*V. Bhatia, A. Chaudhuri, R. Tomar, S. Dhindsa, H. Ghanim, P. Dandona*

**2295** The xylosyltransferase I gene polymorphism c.343G>T (p.A125S) is a risk factor for diabetic nephropathy in type 1 diabetes  
*S. Schön, C. Prante, C. Bahr, L. Tarnow, J. Kuhn, K. Kleesiek, C. Göting*

**2300** Cholesterol absorption and synthesis in children with type 1 diabetes  
*M. Järvisalo, O. Raitakari, H. Gylling, T.A. Miettinen*

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**2305** High plasma concentration of remnant lipoprotein cholesterol in obese children and adolescents  
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### Brief Reports

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**2311** Premeal insulin treatment during basal-bolus regimen in young children with type 1 diabetes  
*V. Cherubini, A. Iannilli, D. Iafusco, F. Cardella, M.S. Giamprini, C. Fanelli, G.V. Coppa*

► **2313** A high-carbohydrate, high-fiber meal improves endothelial function in adults with the metabolic syndrome  
*D.W. Brock, C.K. Davis, B.A. Irving, J. Rodriguez, E.J. Barrett, A. Weltman, A.G. Taylor, G.A. Gaesser*

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*T.T. Várkonyi, É. Börcsök, F. Tóth, Z. Fülöp, R. Takács, L. Rovó, C. Lengyel, J.G. Kiss, M. Janáky, Z. Hermányi, P. Kempler, J. Lonovics*

**2326** Higher rate of obesity and hypertension in adolescents with type 2 diabetes than in those with type 1 diabetes  
*H.-Y. Li, J.-N. Wei, F.-C. Sung, L.-M. Chuang*

**2326** Use of repaglinide during the first weeks of pregnancy in two type 2 diabetic women  
*A. Napoli, F. Ciampa, A. Colatrella, F. Fallucca*

**2327** Decreased high-molecular weight adiponectin-to-total adiponectin ratio in sera is associated with insulin resistance in Japanese metabolically obese, normal-weight men with normal glucose tolerance  
*A. Katsuki, M. Suematsu, E.C. Gabazza, S. Murashima, K. Nakatani, K. Togashi, Y. Yano, Y. Sumida*

**2328** A patient with extreme insulin resistance syndrome treated with pioglitazone  
*Y. Hattori, H. Satoh, T. Namatame, S. Hattori, K. Kasai*

**2329** A continuous metabolic syndrome risk score: utility for epidemiological analyses  
*K. Wijndaele, G. Beunen, N. Duvigneaud, L. Matton, W. Duquet, M. Thomis, J. Lefevre, R.M. Philippaerts*

**2329** Reversibility of antipsychotic treatment-related diabetes in patients with schizophrenia: a case series of switching to aripiprazole  
*M. De Hert, L. Hanssens, R. van Winkel, M. Wampers, D. Van Eyck, A. Scheen, J. Peuskens*

**2330** Ovarian stockpiling in polycystic ovary syndrome, infertility, and the combined use of rosiglitazone and metformin  
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*Z. Hamid, D.L. Simmons*

**2332** Triple therapy in type 2 diabetes: insulin glargine or rosiglitazone added to combination therapy of sulfonylurea plus metformin in insulin-naïve patients: response to Hamid and Simmons  
*J. Rosenstock*

**2332** An open, randomized, parallel-group study to compare the efficacy and safety profile of inhaled human insulin (Exubera) with metformin as adjunctive therapy in patients with type 2 diabetes poorly controlled on a sulfonylurea: response to Barnett et al.  
*N. Mikhail, D. Cope*

**2333** An open, randomized, parallel-group study to compare the efficacy and safety profile of inhaled human insulin (Exubera) with metformin as adjunctive therapy in patients with type 2 diabetes poorly controlled on a sulfonylurea: response to Mikhail and Cope  
*A.H. Barnett, M. Dreyer, P. Lange, M. Serdarevic-Pehar, on behalf of the Exubera Phase III Study Group*

**2334** Antihypertensive medications and the risk of incident type 2 diabetes: response to Taylor et al.  
*A.R. Gosmanov, S. Connelly, J.B. Lewis, Jr., N.R. Gosmanov*

**2334** Antihypertensive medications and the risk of incident type 2 diabetes: response to Gosmanov et al.  
*E.N. Taylor, G.C. Curhan*

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