

All articles in *Diabetes Care* are available on the World Wide Web at www.diabetes.org/diabetescare. Cover articles (►) and ADA Statements are available free of charge. Other articles are available free to print subscribers or can be purchased as e-prints or reprints.

Editor's Commentary

- 1** Diabetes Care: change is constant
W.T. Cefalu

Original Research

Clinical Care/Education/Nutrition/Psychosocial Research

- 4** Short-term exenatide treatment leads to significant weight loss in a subset of obese women without diabetes

J. Dushay, C. Gao, G.S. Gopalakrishnan, M. Crawley, E.K. Mitten, E. Wilker, J. Mullington, E. Maratos-Flier

- **12** Dietary patterns during adolescence and risk of type 2 diabetes in middle-aged women

V.S. Malik, T.T. Fung, R.M. van Dam, E.B. Rimm, B. Rosner, F.B. Hu

- 19** Piloting a novel algorithm for glucose control in the coronary care unit: the RECREATE (REsearching Coronary REduction by Appropriately Targeting Euglycemia) trial

K.A. Nerenberg, A. Goyal, D. Xavier, A. Sigamani, J. Ng, S.R. Mehta, R. Diaz, M. Kosiborod, S. Yusuf, H.C. Gerstein, for the RECREATE Investigators

- 25** Elevated admission glucose and mortality in patients with acute pulmonary embolism

N. Scherz, J. Labarère, D. Aujesky, M. Méan

- **32** Short- and long-term effects of real-time continuous glucose monitoring in patients with type 2 diabetes

R.A. Vigersky, S.J. Fonda, M. Chellappa, M.S. Walker, N.M. Ehrhardt

- 39** Supervised exercise training counterbalances the adverse effects of insulin therapy in overweight/obese subjects with type 2 diabetes

S. Balducci, S. Zanuso, P. Cardelli, G. Salerno, S. Fallucca, A. Nicolucci, G. Pugliese, for the Italian Diabetes Exercise Study (IDES) Investigators

- 42** Magnitude and variability of the glucagon-like peptide-1 response in patients with type 2 diabetes up to 2 years following gastric bypass surgery

B.J. Van der Schueren, P. Homel, M. Alam, K. Agenor, G. Wang, D. Reilly, B. Laferrère

- 47** Overwhelmed patients: a videographic analysis of how patients with type 2 diabetes and clinicians articulate and address treatment burden during clinical encounters

K. Bohlen, E. Scoville, N.D. Shippee, C.R. May, V.M. Montori

Epidemiology/Health Services Research

- 50** Lactation intensity and postpartum maternal glucose tolerance and insulin resistance in women with recent GDM: the SWIFT cohort

E.P. Gunderson, M.M. Hedderson, V. Chiang, Y. Crites, D. Walton, R.A. Azevedo, G. Fox, C. Elmiasian, S. Young, N. Salvador, M. Lum, C.P. Quesenberry, J.C. Lo, B. Sternfeld, A. Ferrara, J.V. Selby

- 57** Incidence of diabetes mellitus and evolution of glucose parameters in growth hormone-deficient subjects during growth hormone replacement therapy: a long-term observational study

A. Luger, A.F. Mattsson, M. Kołtowska-Häggström, M. Thunander, M. Góth, J. Verhelst, R. Abs

- 63** Associations of gestational diabetes, existing diabetes, and glycosuria with offspring obesity and cardiometabolic outcomes
S. Patel, A. Fraser, G. Davey Smith, R.S. Lindsay, N. Sattar, S.M. Nelson, D.A. Lawlor

- 72** Size at birth, weight gain in infancy and childhood, and adult diabetes risk in five low- or middle-income country birth cohorts
S.A. Norris, C. Osmund, D. Gigante, C.W. Kuzawa, L. Ramakrishnan, N.R. Lee, M. Ramirez-Zea, L.M. Richter, A.D. Stein, N. Tandon, C.H.D. Fall, the COHORTS Group

- 80** Improved metabolic control in children and adolescents with type 1 diabetes: a trend analysis using prospective multicenter data from Germany and Austria

J. Rosenbauer, A. Dost, B. Karges, A. Hungele, A. Stahl, C. Bäckle, E.M. Gerstl, C. Kastendieck, S.E. Hofer, R.W. Holl, on behalf of the DPV Initiative and the German BMBF Competence Network Diabetes Mellitus

- 87** Explaining the increase of diabetes prevalence and plasma glucose in Mauritius

D.J. Magliano, S. Söderberg, P.Z. Zimmet, L. Chen, N. Joonas, S. Kowlessur, J. Larhubarbe, D. Gaoneadry, V. Pauvaday, J. Tuomilehto, K.G.M.M. Alberti, J.E. Shaw

- **92** Diabetes incidence and long-term exposure to air pollution: a cohort study

Z.J. Andersen, O. Raaschou-Nielsen, M. Ketzel, S.S. Jensen, M. Hvidberg, S. Loft, A. Tjønneland, K. Overvad, M. Sørensen

- 99** Serum uric acid levels and incident chronic kidney disease in patients with type 2 diabetes and preserved kidney function
G. Zoppini, G. Targher, M. Chonchol, V. Ortalda, C. Abaterusso, I. Pichiri, C. Negri, E. Bonora

- 105** Impact of lifestyle-related factors on all-cause and cause-specific mortality in patients with type 2 diabetes: the Taichung Diabetes Study
C.-C. Lin, C.-I. Li, C.-S. Liu, W.-Y. Lin, M.M.-T. Fuh, S.-Y. Yang, C.-C. Lee, T.-C. Li

- 113** A prospective study of the associations between treated diabetes and cancer outcomes

H.-C. Yeh, E.A. Platz, N.-Y. Wang, K. Visvanathan, K.J. Helzlsouer, F.L. Brancati

- 119** Lower risk of cancer in patients on metformin in comparison with those on sulfonylurea derivatives: results from a large population-based follow-up study

R. Ruiter, L.E. Visser, M.P.P. van Herk-Sukel, J.-W.W. Coebergh, H.R. Haak, P.H. Geelhoed-Duijvestijn, S.M.J.M. Straus, R.M.C. Herings, B.H.C. Stricker

- 125** QTc interval prolongation is independently associated with severe hypoglycemic attacks in type 1 diabetes from the EURODIAB IDDM Complications Study

G. Gruden, S. Giunti, F. Barutta, N. Chaturvedi, D.R. Witte, M. Tricarico, J.H. Fuller, P. Cavallo Perin, G. Bruno

- 128** Processed and unprocessed red meat consumption and incident type 2 diabetes among French women

M. Lajous, L. Tondeur, G. Fagherazzi, B. de Lauzon-Guillain, M.-C. Boutron-Ruault, F. Clavel-Chapelon

Pathophysiology/Complications

- 131** Independent and combined effects of exercise training and metformin on insulin sensitivity in individuals with prediabetes
S.K. Malin, R. Gerber, S.R. Chipkin, B. Braun

- 137** Hepatic and peripheral insulin sensitivity and diabetes remission at 1 month after Roux-en-Y gastric bypass surgery in patients randomized to omentectomy

J.P. Dunn, N.N. Abumrad, I. Breitman, P.A. Marks-Shulman, C.R. Flynn, K. Jabbour, I.D. Feurer, R.A. Tamboli

Table of Contents continues on page vi

Cardiovascular and Metabolic Risk

► **143** Diverging association of reduced glomerular filtration rate and albuminuria with coronary and noncoronary events in patients with type 2 diabetes: the Renal Insufficiency And Cardiovascular Events (RIACE) Italian Multicenter Study

A. Solini, G. Penno, E. Bonora, C. Fondelli, E. Orsi, M. Arosio, R. Trevisan, M. Vedovato, M. Cignarelli, F. Andreozzi, A. Nicolucci, G. Pugliese, for the Renal Insufficiency And Cardiovascular Events (RIACE) Study Group

150 In patients with acute myocardial infarction, the impact of hyperglycemia as a risk factor for mortality is not homogeneous across age-groups

J.C. Nicolau, C.V. Serrano Jr., R.R. Giraldez, L.M. Baracioli, H.G. Moreira, F. Lima, M. Franken, R. Kalil, J.A.F. Ramires, R.P. Giugliano

153 Serum uric acid and 1-h postload glucose in essential hypertension

F. Perticone, A. Sciacqua, M. Perticone, F. Arturi, P.E. Scarpino, M. Quero, G. Sesti

158 Usefulness of the high triglyceride-to-HDL cholesterol ratio to identify cardiometabolic risk factors and preclinical signs of organ damage in outpatient children

P. Di Bonito, N. Moio, C. Scilla, L. Cavuto, G. Sibilio, E. Sanguigno, C. Forzato, F. Saitta, M.R. Iardino, C. Di Carluccio, B. Capaldo

163 High plasma 5-hydroxyindole-3-acetic acid concentrations in subjects with metabolic syndrome

M. Fukui, M. Tanaka, H. Toda, M. Asano, M. Yamazaki, G. Hasegawa, S. Imai, N. Nakamura

168 Vitamin D levels and asymptomatic coronary artery disease in type 2 diabetic patients with elevated urinary albumin excretion rate

C. Joergensen, H. Reinhard, A. Schmedes, P.R. Hansen, N. Winberg,

C.L. Petersen, K. Winther, H.-H. Parving, P.K. Jacobsen, P. Rossing

173 Urinary F₂-isoprostanes as a biomarker of reduced risk of type 2 diabetes

D. Il'yasova, I. Spasojevic, K. Base, H. Zhang, F. Wang, S.P. Young, D.S. Millington, R.B. D'Agostino Jr., L.E. Wagenknecht

175 Age-dependent decline of association between obesity and hyperglycemia in men and women

I. Wakabayashi, T. Daimon

178 Combination of the Framingham risk score and carotid intima-media thickness improves the prediction of cardiovascular events in patients with type 2 diabetes

M. Yoshida, T. Mita, R. Yamamoto, T. Shimizu, F. Ikeda, C. Ohmura, A. Kanazawa, T. Hirose, R. Kawamori, H. Watada

Reviews/Consensus Reports/ADA Statements

181 Review

New-onset diabetes after renal transplantation: risk assessment and management

L. Ghisdal, S. Van Laecke, M.J. Abramowicz, R. Vanholder, D. Abramowicz

189 Publications Policy Update

Updates to policies and procedures related to potential scientific and academic misconduct in the journals of the American Diabetes Association

C.S. Kohler, for the Publications Policy Committee of the American Diabetes Association

191 Errata

192 Issues and Events

Diabetes Care Electronic Pages

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

Online Letters: Observations

e1 Advanced glycation end products in children with type 1 diabetes: family matters?

P. Barat, B. Cammas, A. Lacoste, J. Harambat, V. Vautier, F. Nacka, J.-B. Corcuff

Online Letters: Comments and Responses

e2 Comment on: Riddle et al. Contributions of basal and postprandial hyperglycemia over a wide range of A1C levels before and after treatment intensification in type 2 diabetes. *Diabetes Care* 2011;34:2508–2514

L. Monnier

e3 Response to comment on: Riddle et al. Contributions of basal and postprandial hyperglycemia over a wide range of A1C levels before and after treatment intensification in type 2 diabetes. *Diabetes Care* 2011;34:2508–2514

M. Riddle, G. Umpierrez, A. DiGenio, R. Zhou, J. Rosenstock