

In This Issue

1167 In This Issue of *Diabetes Care*

Commentaries

1169 Glucose Variability and Diabetic Complications: Is It Time to Treat?

A. Ceriello

1172 Aging and Diabetes: Shifting the Risk Trajectory With High-Sensitivity Cardiac Troponins

I.J. Neeland and J.A. de Lemos

1175 Success (but Unfinished) Story of Metabolic Surgery

A. Aminian and S.E. Nissen

Clinical Care/Education/Nutrition/Psychosocial Research

➔ 1178 Continuous Glucose Monitoring in Pregnancy: Importance of Analyzing Temporal Profiles to Understand Clinical Outcomes
E.M. Scott, D.S. Feig, H.R. Murphy, and G.R. Law, on behalf of the CONCEPTT Collaborative Group

1185 Prognostic Significance of Long-term HbA_{1c} Variability for All-Cause Mortality in the ACCORD Trial

C.-S. Sheng, J. Tian, Y. Miao, Y. Cheng, Y. Yang, P.D. Reaven, Z.T. Bloomgarden, and G. Ning

1191 Long-term Metabolic and Socioeducational Outcomes of Transient Neonatal Diabetes: A Longitudinal and Cross-sectional Study

F. Le Bougeois, J. Beltrand, B. Baz, J.-B. Julla, J.-P. Riveline, A. Simon, I. Flechtner, M. Ait Djoudi, A.-L. Fauret-Amsellem, Y. Vial, R. Scharfmann, J. Sommet, P. Boudou, H. Cavé, M. Polak, J.-F. Gautier, K. Busiah, and the TNDM Long-Term Follow-Up Study Group

Epidemiology/Health Services Research

➔ 1200 Performance of High-Sensitivity Cardiac Troponin Assays to Reflect Comorbidity Burden and Improve Mortality Risk Stratification in Older Adults With Diabetes

O. Tang, N. Daya, K. Matsushita, J. Coresh, A.R. Sharrett, R. Hoogeveen, X. Jia, B.G. Windham, C. Ballantyne, and E. Selvin

1209 Risk of Major Adverse Cardiovascular Events, Severe Hypoglycemia, and All-Cause Mortality for Widely Used Antihyperglycemic Dual and Triple Therapies for Type 2 Diabetes Management: A Cohort Study of All Danish Users

M.H. Jensen, M. Kjolby, O. Hejlesen, P.E. Jakobsen, and P. Vestergaard

1219 Sleep Duration Patterns in Early to Middle Adulthood and Subsequent Risk of Type 2 Diabetes in Women

M.Y. Baden, F.B. Hu, C. Vetter, E. Schernhammer, S. Redline, and T. Huang

1227 Use of Antihyperglycemic Medications in U.S. Adults: An Analysis of the National Health and Nutrition Examination Survey



P. Le, A. Chaitoff, A.D. Misra-Hebert, W. Ye, W.H. Herman, and M.B. Rothberg

Emerging Therapies: Drugs and Regimens

➔ 1234 Combination Therapy With Canagliflozin Plus Liraglutide Exerts Additive Effect on Weight Loss, but Not on HbA_{1c}, in Patients With Type 2 Diabetes



A.M. Ali, R. Martinez, H. Al-Jobori, J. Adams, C. Triplitt, R. DeFronzo, E. Cersosimo, and M. Abdul-Ghani

1242 A Randomized Controlled Trial Comparing Glargine U300 and Glargine U100 for the Inpatient Management of Medicine and Surgery Patients With Type 2 Diabetes: Glargine U300 Hospital Trial
F.J. Pasquel, M.C. Lansang, A. Khowaja, M.A. Urrutia, S. Cardona, B. Albury, R.J. Galindo, M. Fayfman, G. Davis, A. Migdal, P. Vellanki, L. Peng, and G.E. Umpierrez

1249 Efficacy and Safety of 1:1 Fixed-Ratio Combination of Insulin Glargine and Lixisenatide Versus Lixisenatide in Japanese Patients With Type 2 Diabetes Inadequately Controlled on Oral Antidiabetic Drugs: The LixiLan JP-O1 Randomized Clinical Trial
H. Watada, A. Takami, R. Spranger, A. Amano, Y. Hashimoto, and E. Niemoeller

Pathophysiology/Complications

1258 Circulating Retinol-Binding Protein 4 Is Inversely Associated With Pancreatic β -Cell Function Across the Spectrum of Glycemia
R. Huang, S. Yin, Y. Ye, N. Chen, S. Luo, M. Xia, and L. Zhao

1266 Metabolic Factors, Lifestyle Habits, and Possible Polyneuropathy in Early Type 2 Diabetes: A Nationwide Study of 5,249 Patients in the Danish Centre for Strategic Research in Type 2 Diabetes (DD2) Cohort

D.H. Christensen, S.T. Knudsen, S.S. Gylfadottir, L.B. Christensen, J.S. Nielsen, H. Beck-Nielsen, H.T. Sørensen, H. Andersen, B.C. Callaghan, E.L. Feldman, N.B. Finnerup, T.S. Jensen, and R.W. Thomsen

Cardiovascular and Metabolic Risk

➔ 1276



Renal and Cardiovascular Outcomes After Weight Loss From Gastric Bypass Surgery in Type 2 Diabetes: Cardiorenal Risk Reductions Exceed Atherosclerotic Benefits

V. Liakopoulos, S. Franzén, A.-M. Svensson, N. Sattar, M. Miftaraj, S. Björck, J. Ottosson, I. Näslund, S. Gudbjörnsdottir, and B. Eliasson

1285 Reduced Myocardial Perfusion Reserve in Type 2 Diabetes Is Caused by Increased Perfusion at Rest and Decreased Maximal Perfusion During Stress

M.H. Sørensen, A.S. Bojer, J.R.N. Pontoppidan, D.A. Broadbent, S. Plein, P.L. Madsen, and P. Gæde

1293 Effects of Intensive Glycemic Control on Clinical Outcomes Among Patients With Type 2 Diabetes With Different Levels of Cardiovascular Risk and Hemoglobin A_{1c} in the ADVANCE Trial
J. Tian, T. Ohkuma, M. Cooper, S. Harrap, G. Mancina, N. Poulter, J.-G. Wang, S. Zoungas, M. Woodward, and J. Chalmers

1300 Effects of Low-Energy Diet or Exercise on Cardiovascular Function in Working-Age Adults With Type 2 Diabetes: A Prospective, Randomized, Open-Label, Blinded End Point Trial
G.S. Gulsin, D.J. Swarbrick, L. Athithan, E.M. Brady, J. Henson, E. Baldry, S. Argyridou, N.B. Jaicim, G. Squire, Y. Walters, A.-M. Marsh, J. McAdam, K.S. Parke, J.D. Biglands, T. Yates, K. Khunti, M.J. Davies, and G.P. McCann

1311 2017 American Academy of Pediatrics Clinical Practice Guideline: Impact on Prevalence of Arterial Hypertension in Children and Adolescents With Type 1 Diabetes
A. Dost, S. Bechtold, K. Fink, W. Bonfig, D. Wiemann, T.M. Kapellen, M. Witsch, K.O. Schwab, and R.W. Holl, for the initiative DPV-Science and the German Diabetes Research Center

1319 Microbiota-Related Metabolites and the Risk of Type 2 Diabetes
J. Vangipurapu, L. Fernandes Silva, T. Kuulasmaa, U. Smith, and M. Laakso

Keep up with the latest information for *Diabetes Care* and other ADA titles via Facebook (/ADAJournals) and Twitter (@ADA_Journals).

All articles in *Diabetes Care* are available online at diabetes.org/diabetescare. Cover articles (➡) and select content are available free of charge. Other articles are available free to print subscribers or can be purchased as e-prints or reprints.

ADA's *Diabetes Core Update* podcasts are available at diabetesjournals.org and through iTunes.

Icons shown below appear on the first page of an article if more information is available online.



Video



Podcast



Supplementary Data



Companion Article

- 1326** Use of Glucagon-Like Peptide 1 Receptor Agonists and Risk of Serious Renal Events: Scandinavian Cohort Study
B. Pasternak, V. Wintzell, B. Eliasson, A.-M. Svensson, S. Franzén, S. Gudbjörnsdóttir, K. Hveem, C. Jonasson, M. Melbye, H. Svanström, and P. Ueda
- 1336** Decreased Vagal Activity and Deviation in Sympathetic Activity Precedes Development of Diabetes
D.Y. Lee, M.Y. Lee, J.H. Cho, H. Kwon, E.-J. Rhee, C.-Y. Park, K.-W. Oh, W.-Y. Lee, S.-W. Park, S. Ryu, and S.E. Park
- 1344** Dietary Manganese, Plasma Markers of Inflammation, and the Development of Type 2 Diabetes in Postmenopausal Women: Findings From the Women's Health Initiative
J.H. Gong, K. Lo, Q. Liu, J. Li, S. Lai, A.H. Shadyab, C. Arcan, L. Snetselaar, and S. Liu

Novel Communications in Diabetes

- 1352** Effects of Novel Dual GIP and GLP-1 Receptor Agonist Tirzepatide on Biomarkers of Nonalcoholic Steatohepatitis in Patients With Type 2 Diabetes
M.L. Hartman, A.J. Sanyal, R. Loomba, J.M. Wilson, A. Nikooienejad, R. Bray, C.A. Karanikas, K.L. Duffin, D.A. Robins, and A. Haupt
- 1356** Dapagliflozin Versus Placebo on Left Ventricular Remodeling in Patients With Diabetes and Heart Failure: The REFORM Trial
J.S.S. Singh, I.R. Mordji, K. Vickneson, A. Fathi, P.T. Donnan, M. Mohan, A.M.J. Choy, S. Gandy, J. George, F. Khan, E.R. Pearson, J.G. Houston, A.D. Struthers, and C.C. Lang
- 1360** Commercially Available Insulin Products Demonstrate Stability Throughout the Cold Supply Chain Across the U.S.
T.J. Garrett, P. Atkinson, E.P. Quinlivan, L. Ang, I.B. Hirsch, L. Laffel, M. Pietropaolo, M.J. Haller, and M.A. Atkinson
- 1363** Wilson Disease With Novel Compound Heterozygote Mutations in the *ATP7B* Gene Presenting With Severe Diabetes
J. Li, Y. Jiang, T. Xu, Y. Zhang, J. Xue, X. Gao, X. Yang, X. Wang, X. Jia, W. Cheng, and S. Jin

Errata

- 1366** Erratum. Randomized Controlled Trial of Mobile Closed-Loop Control. *Diabetes Care* 2020;43:607–615
B. Kovatchev, S.M. Anderson, D. Raghinaru, Y.C. Kudva, L.M. Laffel, C. Levy, J.E. Pinsky, R.P. Wadwa, B. Buckingham, F.J. Doyle III, S.A. Brown, M.M. Church, V. Dadlani, E. Dassau, L. Ekhlaspour, G.P. Forlenza, E. Isganaitis, D.W. Lam, J. Lum, and R.W. Beck, for the iDCL Study Group

- 1367** Erratum. Predicting 10-Year Risk of End-Organ Complications of Type 2 Diabetes With and Without Metabolic Surgery: A Machine Learning Approach. *Diabetes Care* 2020;43:852–859
A. Aminian, A. Zajichek, D.E. Arterburn, K.E. Wolski, S.A. Brethauer, P.R. Schauer, S.E. Nissen, and M.W. Kattan

Issues and Events

- 1368** Issues and Events

e-Letters – Observations

- e63** Incidence of Type 2 Diabetes in Patients With Chronic Hepatitis C Receiving Interferon-Based Therapy
M.-C. Tsai, K.-L. Kao, H.-C. Huang, W. Chen, C.-K. Fang, F.-C. Sung, S.-I. Wu, and R. Stewart
- e65** Novel Use of GLP-1 Receptor Agonist Therapy in HNF4A-MODY
D.T. Broome, Z. Tekin, K.M. Pantalone, and A.E. Mehta
- e66** Effect of Cost and Formulation on Persistence and Adherence to Initial Metformin Therapy for Type 2 Diabetes
J.H. Flory and A.I. Mushlin

e-Letters – Comments and Responses

- e68** Comment on Koromani et al. Vertebral Fractures in Individuals With Type 2 Diabetes: More Than Skeletal Complications Alone. *Diabetes Care* 2020;43:137–144
R. Mormile
- e69** Response to Comment on Koromani et al. Vertebral Fractures in Individuals With Type 2 Diabetes: More Than Skeletal Complications Alone. *Diabetes Care* 2020;43:137–144
F. Koromani and F. Rivadeneira
- e70** Comment on Lee et al. The Impact of Medicaid Expansion on Diabetes Management. *Diabetes Care* 2020;43:1094–1101
E. Chen and R. Parikh
- e71** Response to Comment on Lee et al. The Impact of Medicaid Expansion on Diabetes Management. *Diabetes Care* 2020;43:1094–1101
J. Lee and T. Callaghan