

Diabetes Care

THE JOURNAL OF CLINICAL AND APPLIED RESEARCH AND EDUCATION

October 2019 Volume 42, Number 10

In This Issue

1839 In This Issue of *Diabetes Care*

Editor's Note

1841 A Special Thanks to the Reviewers of *Diabetes Care*



Commentaries

- 1842 Progression of Diabetic Kidney Disease in the Absence of Albuminuria
R.J. Maclsaac and E.I. Ekinci
- 1845 Elevated Cardiometabolic Risk Profile Among Young Adults With Diabetes: Need for Action
D. Dabelea and R.F. Hamman

Clinical Care/Education/Nutrition/Psychosocial Research

- 1847 Impact of Depression and Anxiety on Change to Physical Activity Following a Pragmatic Diabetes Prevention Program Within Primary Care: Pooled Analysis From Two Randomized Controlled Trials
T. Yates, L.J. Gray, J. Henson, C.L. Edwardson, K. Khunti, and M.J. Davies
- 1854 Cognitions Associated With Hypoglycemia Awareness Status and Severe Hypoglycemia Experience in Adults With Type 1 Diabetes
A.J. Cook, S.N. DuBose, N. Foster, E.L. Smith, M. Wu, G. Margiotta, M.R. Rickels, J. Speight, N. de Zoysa, and S.A. Amiel
- 1865 The Prospective Association Between Inflammation and Depressive Symptoms in Type 2 Diabetes Stratified by Sex
C.D. Moulton, J.C. Pickup, A.S. Rokakis, S.A. Amiel, K. Ismail, and D. Stahl
- 1873 Optimizing Diabetes Self-management Using the Novel Skills, Confidence, and Preparedness Index (SCPI)
R. Aronson, A. Li, R.E. Brown, A. Walker, A. Lyons, and N. Orzech

Epidemiology/Health Services Research

-  1879 Incidence of Type 2 Diabetes in People With a History of Hospitalization for Major Mental Illness in Scotland, 2001–2015: A Retrospective Cohort Study
C.A. Jackson, K. Fleetwood, J. Kerssens, D.J. Smith, S. Mercer, and S.H. Wild
- ➔ 1886 Progressive Decline in Estimated Glomerular Filtration Rate in Patients With Diabetes After Moderate Loss in Kidney Function—Even Without Albuminuria
D. Vistisen, G.S. Andersen, A. Hulman, F. Persson, P. Rossing, and M.E. Jørgensen
- ➔ 1895 The Cardiometabolic Risk Profile of Young Adults With Diabetes in the U.S.
S.H. Saydah, K.R. Siegel, G. Imperatore, C. Mercado, and E.W. Gregg
-  1903 Prospective Association Among Diabetes Diagnosis, HbA_{1c}, Glycemia, and Frailty Trajectories in an Elderly Population
G.A. Aguayo, A. Hulman, M.T. Vaillant, A.-F. Donneau, A. Schritz, S. Stranges, L. Malisoux, L. Huiart, M. Guillaume, S. Sabia, and D.R. Witte



Emerging Therapies: Drugs and Regimens

- 1912 Effects of Liraglutide Compared With Placebo on Events of Acute Gallbladder or Biliary Disease in Patients With Type 2 Diabetes at High Risk for Cardiovascular Events in the LEADER Randomized Trial
M.A. Nauck, M.L. Muus Ghorbani, E. Kreiner, H.A. Saeveid, J.B. Buse, and the LEADER Publication Committee on behalf of the LEADER Trial Investigators
- ➔ 1921 The Impact of Sotagliflozin on Renal Function, Albuminuria, Blood Pressure, and Hematocrit in Adults With Type 1 Diabetes
D.H. van Raalte, P. Bjornstad, F. Persson, D.R. Powell, R. de Cassia Castro, P.S. Wang, M. Liu, H.J.L. Heerspink, and D. Cherney
- 1930 Effect of Linagliptin on Cognitive Performance in Patients With Type 2 Diabetes and Cardiorenal Comorbidities: The CARMELINA Randomized Trial
G.J. Biessels, C. Verhagen, J. Janssen, E. van den Berg, B. Zinman, J. Rosenstock, J.T. George, A. Passera, S. Schnaidt, and O.E. Johansen, on behalf of the CARMELINA Investigators

Pathophysiology/Complications

- 1939 Inflammatory Cytokines Associated With Failure of Lower-Extremity Endovascular Revascularization (LER): A Prospective Study of a Population With Diabetes
F. Biscetti, P.M. Ferraro, W.R. Hiatt, F. Angelini, E. Nardella, A.L. Cecchini, A. Santoliquido, D. Pitocco, R. Landolfi, and A. Flex

Cardiovascular and Metabolic Risk

- ➔ 1946  Effects of Metformin Therapy on Coronary Endothelial Dysfunction in Patients With Prediabetes With Stable Angina and Nonobstructive Coronary Artery Stenosis: The CODYCE Multicenter Prospective Study
C. Sardu, P. Paolisso, C. Sacra, C. Mauro, F. Minicucci, M. Portoghesi, M.R. Rizzo, M. Barbieri, F.C. Sasso, N. D'Onofrio, M.L. Balestrieri, P. Calabrò, G. Paolisso, and R. Marfella
- 1956 Preoperative Circulating Succinate Levels as a Biomarker for Diabetes Remission After Bariatric Surgery
V. Ceperuelo-Mallafre, G. Llauroadó, N. Keiran, E. Benaiges, B. Astiarraga, L. Martínez, S. Pellitero, J.M. González-Clemente, A. Rodríguez, J.M. Fernández-Real, A. Lecube, A. Megia, N. Vilarrasa, J. Vendrell, and S. Fernández-Veledo
- 1966 Does the Association of Diabetes With Stroke Risk Differ by Age, Race, and Sex? Results From the REasons for Geographic and Racial Differences in Stroke (REGARDS) Study
G. Malla, D.L. Long, S.E. Judd, M.R. Irvin, B.M. Kissela, D.T. Lackland, M.M. Safford, D.A. Levine, V.J. Howard, G. Howard, J.D. Rhodes, J.H. Voeks, D.O. Kleindorfer, A. Anderson, J.F. Meschia, and A.P. Carson
- 1973 Investigating the Relationship Between Type 2 Diabetes and Dementia Using Electronic Medical Records in the GoDARTS Bioresource
A.S.F. Doney, W. Bonney, E. Jefferson, K.E. Walesby, R. Bittern, E. Trucco, P. Connelly, R.J. McCrimmon, and C.N.A. Palmer
-  1981 Change in Cardiovascular Health and Incident Type 2 Diabetes and Impaired Fasting Glucose: The Whitehall II Study
R.E. Climie, T.T. van Sloten, M.-C. Périer, M. Tafflet, A. Foyosse, A. Dugravot, A. Singh-Manoux, and J.-P. Empana

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.



Free Article



Video



Podcast



Supplementary Data



Companion Article

1988 Heterogeneity of Treatment Effects From an Intensive Lifestyle Weight Loss Intervention on Cardiovascular Events in Patients With Type 2 Diabetes: Data From the Look AHEAD Trial

T.I. de Vries, J.A.N. Dorresteyn, Y. van der Graaf, F.L.J. Visseren, and J. Westerink

1995 Association Between Early Hypertension Control and Cardiovascular Disease Incidence in Veterans With Diabetes

S. Raghavan, Y.-L. Ho, V. Kini, M.K. Rhee, J.L. Vassy, D.R. Gagnon, K. Cho, P.W.F. Wilson, and L.S. Phillips

Novel Communications in Diabetes

2004 Altered Motor and Motor Perceptual Cognitive Imagery Task-Related Activation in Diabetic Peripheral Neuropathy: Insights From Functional MRI

K. Venkataraman, V. Pun, A.Z. Mohamed, M. Luo, C. Wong, F. Zong, E.Y.H. Khoo, E.S. Tai, and F. Nasrallah

2008 Acquired Generalized Lipodystrophy: A New Cause of Anti-PD-1 Immune-Related Diabetes

A. Jehl, C. Cugnet-Anceau, C. Vigouroux, A.L. Legeay, S. Dalle, O. Harou, L. Marchand, O. Lascols, C. Caussy, C. Thivolet, M. Laville, and E. Disse

2011 Paradoxical Rise in Hypoglycemia Symptoms With Development of Hyperglycemia During High-Intensity Interval Training in Type 1 Diabetes

D. Potashner, R.E. Brown, A. Li, M.C. Riddell, and R. Aronson

Errata

2015 Erratum. Regression to Normal Glucose Regulation in American Indians and Alaska Natives of a Diabetes Prevention Program. *Diabetes Care* 2019;42:1209–1216

K.A. Pratte, A. Johnson, J. Beals, A. Bullock, S.M. Manson, and L. Jiang, and the Special Diabetes Program for Indians Diabetes Prevention Program

2015 Erratum. SGLT2 Inhibitors in Combination Therapy: From Mechanisms to Clinical Considerations in Type 2 Diabetes Management. *Diabetes Care* 2018;41:1543–1556

M.J.B. van Baar, C.C. van Ruiten, M.H.A. Muskiet, L. van Bloemendaal, R.G. IJzerman, and D.H. van Raalte

Issues and Events

2016 Issues and Events

e-Letters – Observations

e157 Pizza Leavening Technique Influences Postprandial Glucose Response: A Randomized Controlled Trial in Patients With Type 1 Diabetes

L. Cavagnuolo, L. Bozzetto, L. Franco, G. Costabile, G. Riccardi, A.A. Rivellesse, and G. Annuzzi

e159 Effect of Empagliflozin on Endothelial Function in Patients With Type 2 Diabetes and Cardiovascular Disease: Results from the Multicenter, Randomized, Placebo-Controlled, Double-Blind EMBLEM Trial

A. Tanaka, M. Shimabukuro, N. Machii, H. Teragawa, Y. Okada, K.R. Shima, T. Takamura, I. Taguchi, I. Hisauchi, S. Toyoda, Y. Matsuzawa, H. Tomiyama, M. Yamaoka-Tojo, H. Yoshida, Y. Sato, Y. Ikehara, S. Ueda, Y. Higashi, and K. Node, on behalf of the EMBLEM Investigators

e162 Congenital Anomalies in Offspring of Maternal Glucokinase-Maturity-Onset Diabetes of the Young: A Case Report

V.L. Rudland, J. Pinner, and G.P. Ross

e164 Increased Insulin Requirements in Twin Pregnancy in Type 1 Diabetes

S. De Fønss, P.G. Ovesen, and J. Fuglsang

e166 Sickle Cell Trait, European Ancestry, and Longitudinal Tracking of HbA_{1c} Among African Americans: The Jackson Heart Study

J.B. Echouffo-Tcheugui, S.E. Mwasongwe, M. Sims, S. Dagogo-Jack, S.H. Golden, A. Correa, and S.K. Musani

e-Letters – Comments and Responses

e168 Comment on Gerbaud et al. Glycemic Variability Is a Powerful Independent Predictive Factor of Midterm Major Adverse Cardiac Events in Patients With Diabetes With Acute Coronary Syndrome. *Diabetes Care* 2019;42:674–681

Y. Yang and Y. Hu

e170 Response to Comment on Gerbaud et al. Glycemic Variability Is a Powerful Independent Predictive Factor of Midterm Major Adverse Cardiac Events in Patients With Diabetes With Acute Coronary Syndrome. *Diabetes Care* 2019;42:674–681

B. Catargi, R. Darier, M. Montaudon, M.-C. Beauvieux, C. Coffin-Boutreux, P. Coste, H. Douard, A. Ouattara, and E. Gerbaud