In This Issue

2982 Cognitive Function and the Risk of Diabetes Among Young Men

2989 Diabetes Risk Among Overweight and Obese Metabolically Healthy Young Adults
G. Twig, A. Afek, E. Derazne, D. Tszir, T. Cukierman-Yaffe, H.C. Gerstein, and A. Tirotsh

2996 Maternal Hyperglycemia During Pregnancy Predicts Adiposity of the Offspring

3003 Low Adiponectin Levels and Increased Risk of Type 2 Diabetes in Patients With Myocardial Infarction

3009 Early Improvement Predicts Reduced Risk of Incident Diabetes and Improved Cardiovascular Risk in Prediabetic Asian Indian Men Participating in a 2-Year Lifestyle Intervention Program

Emerging Technologies and Therapeutics

3016 Spinal Cord Stimulation and Pain Relief in Painful Diabetic Peripheral Neuropathy: A Prospective Two-Center Randomized Controlled Trial
R. Slangen, N.C. Schaper, C.G. Faber, E.A. Joosten, C.D. Dirksen, R.T. van Dongen, A.G. Kessels, and M. van Kleef

3025 MD-Logic Overnight Control for 6 Weeks of Home Use in Patients With Type 1 Diabetes: Randomized Crossover Trial
R. Nimri, I. Muller, E. Atlas, S. Miller, A. Fogel, N. Bratino, O. Kordonouri, T. Battelino, T. Danne, and M. Phillip

Pathophysiology/Complications

3033 Insulin Sensitivity Is an Important Determinant of Renal Health in Adolescents With Type 2 Diabetes

3040 Glucose Counterregulation in Advanced Type 2 Diabetes: Effect of β-Adrenergic Blockade
S. Bohari, E. Plummer, P. Emmerson, A. Gupta, and C. Meyer

3047 Contributory Factors to Unsteadiness During Walking Up and Down Stairs in Patients With Diabetic Peripheral Neuropathy
J.C. Handsaker, S.J. Brown, F.L. Bowling, G. Cooper, C.N. Maganaris, A.J.M. Boulton, and N.D. Reeves

3054 Quantification of the Glycemic Response to Microdoses of Subcutaneous Glucagon at Varying Insulin Levels

Clinical Care/Education/Nutrition/Psychosocial Research

2909 A Very Low-Carbohydrate, Low-Saturated Fat Diet for Type 2 Diabetes Management: A Randomized Trial

2919 Prevalence and Predictors of Diabetes After Lung Transplantation: A Prospective, Longitudinal Study
K.L. Hackman, G.I. Snell, and L.A. Bach

2926 Contribution of Liraglutide in the Fixed-Ratio Combination for Detecting Diabetes and Identifying Women at Increased Risk of Adverse Pregnancy Outcomes
S.K. Malin, S.R. Kashyap, J. Hammel, Y. Miyazaki, R.A. DeFronzo, and J.P. Kirwan

2940 Adjustment of Glucose-Stimulated Insulin Secretion for Adipose Insulin Resistance: An Index of β-Cell Function in Obese Adults
S.K. Malin, S.R. Kashyap, J. Hammel, Y. Miyazaki, R.A. DeFronzo, and J.P. Kirwan

2953 An Early Pregnancy HbA1c (≥5.9% [41 mmol/mol]) Is Optimal for Detecting Diabetes and Identifying Women at Increased Risk of Adverse Pregnancy Outcomes
R.C.E. Hughes, M.P. Moore, J.E. Guillam, K. Mohamed, and J. Rowan

2960 Comparison of Glycemic and Surgical Outcomes After Change in Glycemic Targets in Cardiac Surgery Patients

2974 Severe Hypoglycemia and Mortality After Cardiovascular Events for Type 1 Diabetic Patients in Sweden

Clinical Care/Education/Nutrition/Psychosocial Research

2919 Prevalence and Predictors of Diabetes After Lung Transplantation: A Prospective, Longitudinal Study
K.L. Hackman, G.I. Snell, and L.A. Bach

2926 Contribution of Liraglutide in the Fixed-Ratio Combination for Detecting Diabetes and Identifying Women at Increased Risk of Adverse Pregnancy Outcomes
S.K. Malin, S.R. Kashyap, J. Hammel, Y. Miyazaki, R.A. DeFronzo, and J.P. Kirwan

2940 Adjustment of Glucose-Stimulated Insulin Secretion for Adipose Insulin Resistance: An Index of β-Cell Function in Obese Adults
S.K. Malin, S.R. Kashyap, J. Hammel, Y. Miyazaki, R.A. DeFronzo, and J.P. Kirwan

2953 An Early Pregnancy HbA1c (≥5.9% [41 mmol/mol]) Is Optimal for Detecting Diabetes and Identifying Women at Increased Risk of Adverse Pregnancy Outcomes
R.C.E. Hughes, M.P. Moore, J.E. Guillam, K. Mohamed, and J. Rowan

2960 Comparison of Glycemic and Surgical Outcomes After Change in Glycemic Targets in Cardiac Surgery Patients

Epidemiology/Health Services Research

2966 Fetal Exposure to Parental Smoking and the Risk of Type 2 Diabetes in Adult Women
V.W.V. Jaddoe, L.L. de Jonge, R.M. van Dam, W.C. Willett, H. Harris, M.J. Stamper, F.B. Hu, and K.B. Michels

2974 Severe Hypoglycemia and Mortality After Cardiovascular Events for Type 1 Diabetic Patients in Sweden
Leptin Is Associated With Exaggerated Brain Reward and Emotion Responses to Food Images in Adolescent Obesity
A.M. Jastrzebowski, C. Lacadie, D. Seo, J. Kubat, M.A. Van Name, C. Giannini, M. Savoye, R.T. Constable, R.S. sherwin, S. Caprio, and R. Sinha

Cardiovascular and Metabolic Risk
3069 Early Atherosclerosis Relates to Urinary Albumin Excretion and Cardiovascular Risk Factors in Adolescents With Type 1 Diabetes: Adolescent Type 1 Diabetes cardio-renal Intervention Trial (AdDIT)

3076 Brain Iron Overload, Insulin Resistance, and Cognitive Performance in Obese Subjects: A Preliminary MRI Case-Control Study

3084 Increased Serum Calcium Levels and Risk of Type 2 Diabetes in Individuals at High Cardiovascular Risk

3092 Longitudinal Development of Left Ventricular Diastolic Function in Patients With Type 2 Diabetes
L. Venskutonyte, C. Jannert, L. Rydén, and B. Kjellström

3098 Beneficial Effect of Pistachio Consumption on Glucose Metabolism, Insulin Resistance, Inflammation, and Related Metabolic Risk Markers: A Randomized Clinical Trial
P. Hernández-Alonso, J. Salas-Salvadó, M. Baldrich-Mora, M. Juanola-Falgarona, and M. Bulló

3106 Sulfonylurea Use and Incident Cardiovascular Disease Among Patients With Type 2 Diabetes: Prospective Cohort Study Among Women
Y. Li, Y. Hu, S.H. Ley, S. Rajpathak, and F.B. Hu

3114 High-intensity Statin Therapy Alters the Natural History of Diabetic Coronary Atherosclerosis: Insights From SATURN

Novel Communications in Diabetes
3121 Efficacy and Safety of Oral Methazolamide in Patients With Type 2 Diabetes: A 24-Week, Placebo-Controlled, Double-Blind Study

3124 Hyperosmolar Hyperglycemic State: A Historic Review of the Clinical Presentation, Diagnosis, and Treatment
F.J. Pasquel and G.E. Umpierrez

Erratum
3132 Increased Cardiometabolic Risk Factors and Inflammation in Adipose Tissue in Obese Subjects Classified as Metabolically Healthy. Diabetes Care 2014;37:2813–2821

Issues and Events
3133 Issues and Events

e-Letters — Observations
e233 Improvement in Clinical Symptoms of Scleredema Diabetorum by Frequency-Modulated Electromagnetic Neural Stimulation: A Case Report
A. Gandolfi, A. Pontara, G. Di Terlizzi, N. Rizzo, R. Nicoletti, M. Scavini, G. Galimberti, and E. Basì

A.S.Y. Zheng, T. O’Leary, and R.G. Moses

e236 Cost of a Community-Based Diabetic Retinopathy Screening Program
M.M. Byrne, D.F. Parker, S.L. Tannenbaum, M.A. Ocasio, B.L. Lam, I. Zimmer-Galler, and D.J. Lee

e-Letters — Comments and Responses
e238 Comment on Wędrychowicz et al. Like-Triple Diabetes as First Manifestation of MODY2 in an Overweight Teenager With Transient Multiple Antibodies. Diabetes Care 2014;37: e66–e67
F.M.A. Giuffrida, S.A. Dib, and A.F. Reis

e240 Comment on Breiner et al. Does the Prevailing Hypothesis That Small-Fiber Dysfunction Precedes Large-Fiber Dysfunction Apply to Type 1 Diabetic Patients? Diabetes Care 2014;37:1418–1424
P.R.J. Vas, S. Sharma, and G. Rayman

e242 Response to Comment on Breiner et al. Does the Prevailing Hypothesis That Small-Fiber Dysfunction Precedes Large-Fiber Dysfunction Apply to Type 1 Diabetic Patients? Diabetes Care 2014;37:1418–1424
A. Breiner, L.E. Lovblom, B.A. Perkins, and V. Bril

D.C. Rijken and S. Uitte de Willige

e244 Response to Comment on Ågren et al. Increased Incorporation of Antiplasmin Into the Fibrin Network in Patients With Type 1 Diabetes. Diabetes Care 2014;37:2007–2014
A. Ågren, G. Jorneskog, G. Elgve, P. Henriksson, H. Wallen, and B. Wiman

Comment on Home et al. Insulin Therapy in People With Type 2 Diabetes: Opportunities and Challenges? Diabetes Care 2014;37:1499–1508
I. Conget, R. Aronson, S. Lee, O. Cohen, and Y. Reznik
Response to Comment on Home et al. Insulin Therapy in People With Type 2 Diabetes: Opportunities and Challenges? Diabetes Care 2014;37:1499–1508

Comment on Brethauer et al. Bariatric Surgery Improves the Metabolic Profile of Morbidly Obese Patients With Type 1 Diabetes. Diabetes Care 2014;37:e51–e52
A. Tang, K.-L. Milner, K. Tonks, L.V. Campbell, and J.R. Greenfield

Comment on Brethauer et al. Bariatric Surgery Improves the Metabolic Profile of Morbidly Obese Patients With Type 1 Diabetes. Diabetes Care 2014;37:e51–e52
R.J.W. Middelbeek and F.M. Brown

Response to Comments on Brethauer et al. Bariatric Surgery Improves the Metabolic Profile of Morbidly Obese Patients With Type 1 Diabetes. Diabetes Care 2014;37:e51–e52
J.P. Kirwan, S.A. Brethauer, A. Aminian, R.J. Rosenthal, S.R. Kashyap, and P.R. Schauer

The American Diabetes Association (ADA) is the nation’s leading voluntary health organization supporting diabetes research, information, and advocacy. Its mission is to prevent and cure diabetes and to improve the lives of all people affected by diabetes. ADA is the leading publisher of comprehensive diabetes information. Its huge library of books and periodicals covers every aspect of diabetes and diabetes care.

To join ADA: Call 1-800-806-7801 or visit professional.diabetes.org/membership
To subscribe to ADA journals: Call 1-800-DIABETES or go to diabetesjournals.org
To order ADA books: Call 1-800-232-6733 or visit shopdiabetes.org
To access ADA’s library of professional resources: Go to professional.diabetes.org
For more information about diabetes or ADA programs and services: Call 1-800-DIABETES. E-mail: AskADA@diabetes.org or visit diabetes.org
To locate an ADA/NCQA Recognized Provider of quality diabetes care in your area: Visit recognition.ncqa.org
To join the fight to increase funding for diabetes research, end discrimination, and improve insurance coverage: Call 1-800-DIABETES or visit diabetes.org/advocacy
To find out how you can get involved with the programs in your community: Call 1-800-DIABETES or visit diabetes.org/in-my-community
To find out about important research regarding diabetes: Go to diabetes.org/research-and-practice
To make a donation or memorial contribution: Call 1-800-DIABETES or visit diabetes.org/donate

Cover: Gallo 2. By Eili-Kaija Kuusniemi. For more information, please visit i2iart.com.