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- 544 Real-Time Continuous Glucose Monitoring in Type 1 Diabetes: A Qualitative Framework Analysis of Patient Narratives
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- 551 The Effect of a Diabetes-Specific Cognitive Behavioral Treatment Program (DIAMOS) for Patients With Diabetes and Subclinical Depression: Results of a Randomized Controlled Trial
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- 561 An Internet-Based Diabetes Management Platform Improves Team Care and Outcomes in an Urban Latino Population
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- 568 Randomized Controlled Trial of Insulin Supplementation for Correction of Bedtime Hyperglycemia in Hospitalized Patients With Type 2 Diabetes
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- 706** Effects of Physical Activity and Exercise Training on Cardiovascular Risk in Coronary Artery Disease Patients With and Without Type 2 Diabetes
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- 723** The Effect of Alcohol Consumption on Insulin Sensitivity and Glycemic Status: A Systematic Review and Meta-analysis of Intervention Studies
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- 733** Mortality Trends Among People With Type 1 and Type 2 Diabetes in Australia: 1997–2010. *Diabetes Care* 2014;37:2579–2586
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- 734** Cancer Risk Among People With Type 1 and Type 2 Diabetes: Disentangling True Associations, Detection Bias, and Reverse Causation. *Diabetes Care* 2015;38:264–270
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- 735** Six-Week Versus Twelve-Week Antibiotic Therapy for Nonsurgically Treated Diabetic Foot Osteomyelitis: A Multicenter Open-Label Controlled Randomized Study. *Diabetes Care* 2015;38:302–307
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- e53** Low Toe-Brachial Pressure Index Predicts Increased Risk of Recurrent Cardiovascular Disease in Type 2 Diabetes
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- e55** Precipitation of Autoimmune Diabetes With Anti-PD-1 Immunotherapy
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- e58** Comment on Palmas et al. Results of the Northern Manhattan Diabetes Community Outreach Project: A Randomized Trial Studying a Community Health Worker Intervention to Improve Diabetes Care in Hispanic Adults. *Diabetes Care* 2014;37:963–969
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- e59** Response to Comment on Palmas et al. Results of the Northern Manhattan Diabetes Community Outreach Project: A Randomized Trial Studying a Community Health Worker Intervention to Improve Diabetes Care in Hispanic Adults. *Diabetes Care* 2014;37:963–969
W. Palmas, S.E. Findley, J. Teresi, J.A. Luchsinger, and O. Carrasquillo, on behalf of the NOCHOP Investigators
- e60** Comment on Wong et al. Real-Time Continuous Glucose Monitoring Among Participants in the T1D Exchange Clinic Registry. *Diabetes Care* 2014;37:2702–2709
D. Price, T. Walker, and C. Graham
- e61** Response to Comment on Wong et al. Real-Time Continuous Glucose Monitoring Among Participants in the T1D Exchange Clinic Registry. *Diabetes Care* 2014;37:2702–2709
J.C. Wong, N.C. Foster, D.M. Maahs, D. Raghinaru, R.M. Bergenstal, A.J. Ahmann, A.L. Peters, B.W. Bode, G. Aleppo, I.B. Hirsch, L. Kleis, H.P. Chase, S.N. DuBose, K.M. Miller, R.W. Beck, and S. Adi, for the T1D Exchange Clinic Network
- e62** Comment on Venskutonyte et al. Longitudinal Development of Left Ventricular Diastolic Dysfunction in Patients With Type 2 Diabetes. *Diabetes Care* 2014;37:3092–3097
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- e64** Comment on Tay et al. A Very Low-Carbohydrate, Low-Saturated Fat Diet for Type 2 Diabetes Management: A Randomized Trial. *Diabetes Care* 2014;37:2909–2918
M.I. Maiorino, M. Petrizzo, G. Bellastella, D. Giugliano, and K. Esposito
- e65** Response to Comment on Tay et al. A Very Low-Carbohydrate, Low-Saturated Fat Diet for Type 2 Diabetes Management: A Randomized Trial. *Diabetes Care* 2014;37:2909–2918
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- e67** Comment on Duran et al. Introduction of IADPSG Criteria for the Screening and Diagnosis of Gestational Diabetes Mellitus Results in Improved Pregnancy Outcomes at a Lower Cost in a Large Cohort of Pregnant Women: The St. Carlos Gestational Diabetes Study. *Diabetes Care* 2014;37:2442–2450
B. Addison and L.M. Belalcazar
- e69** Response to Comment on Duran et al. Introduction of IADPSG Criteria for the Screening and Diagnosis of Gestational Diabetes Mellitus Results in Improved Pregnancy Outcomes at a Lower Cost in a Large Cohort of Pregnant Women: The St. Carlos Gestational Diabetes Study. *Diabetes Care* 2014;37:2442–2450
A. Durán, I. Runkle, M.A. Rubio, N. García de la Torre, and A.L. Calle-Pascual