The Carbohydrate Counting in Adolescents With Type 1

Diabetes Spectrum

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Citation Report

#	Article	IF	Citations
1	Emphasis on Carbohydrates May Negatively Influence Dietary Patterns in Youth With Type 1 Diabetes. Diabetes Care, 2009, 32, 2174-2176.	8.6	66
2	Can children with Type 1 diabetes and their caregivers estimate the carbohydrate content of meals and snacks?. Diabetic Medicine, 2010, 27, 348-353.	2.3	101
3	Bolus Guide: A Novel Insulin Bolus Dosing Decision Support Tool Based on Selection of Carbohydrate Ranges. Journal of Diabetes Science and Technology, 2010, 4, 893-902.	2.2	22
4	Making chocolate-covered broccoli. , 2010, , .		38
5	Contemporary Management of Patients with Type 1 Diabetes. Endocrinology and Metabolism Clinics of North America, 2010, 39, 573-593.	3.2	30
6	Dietary Self-Care in Adolescents with Type 1 Diabetes: Report from the Juvenile Diabetes and Dietary Study. Canadian Journal of Diabetes, 2011, 35, 39-45.	0.8	2
7	Biting off more than you can chew; is it possible to precisely count carbohydrate?. Nutrition and Dietetics, 2011, 68, 227-230.	1.8	4
8	Is Carbohydrate Counting Enough? Towards Perfection or Unwanted Complexity?. Diabetes Technology and Therapeutics, 2012, 14, 3-5.	4.4	9
9	Continuous Glucose Monitoring-Guided Insulin Dosing in Pump-Treated Patients with Type 1 Diabetes: A Clinical Guide. Journal of Diabetes Science and Technology, 2012, 6, 191-203.	2.2	12
10	Randomized Nutrition Education Intervention to Improve Carbohydrate Counting in Adolescents with Type 1 Diabetes Study: Is More Intensive Education Needed?. Journal of the Academy of Nutrition and Dietetics, 2012, 112, 1736-1746.	0.8	49
11	Carbohydrate and preprandial insulin determination in diabetes: a review. Nutrition and Dietetics, 2012, 69, 51-55.	1.8	2
12	In children using intensive insulin therapy, a 20â€g variation in carbohydrate amount significantly impacts on postprandial glycaemia. Diabetic Medicine, 2012, 29, e21-4.	2.3	65
13	Does sucrose intake affect antropometric variables, glycemia, lipemia and C-reactive protein in subjects with type 1 diabetes?: a controlled-trial. Diabetology and Metabolic Syndrome, 2013, 5, 67.	2.7	16
14	Segmentation and recognition of multi-food meal images for carbohydrate counting. , 2013, , .		38
15	Effects of Carbohydrate Counting Method on Metabolic Control in Children with Type 1 Diabetes Mellitus. JCRPE Journal of Clinical Research in Pediatric Endocrinology, 2014, 6, 74-78.	0.9	39
16	Nutritional management in children and adolescents with diabetes. Pediatric Diabetes, 2014, 15, 135-153.	2.9	102
17	Relationship between adherence to diet, glycemic control and cardiovascular risk factors in patients with type 1 diabetes: a nationwide survey in Brazil. Nutrition Journal, 2014, 13, 19.	3.4	37
18	Efficacy of carbohydrate counting in type 1 diabetes: a systematic review and meta-analysis. Lancet Diabetes and Endocrinology,the, 2014, 2, 133-140.	11.4	148

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19	Lifestyle Modifications in the Management of Type 1 Diabetes: Still Relevant After All These Years?. Diabetes Technology and Therapeutics, 2014, 16, 695-698.	4.4	13
20	A Food Recognition System for Diabetic Patients Based on an Optimized Bag-of-Features Model. IEEE Journal of Biomedical and Health Informatics, 2014, 18, 1261-1271.	6.3	179
21	Impact of advanced and basic carbohydrate counting methods on metabolic control in patients with type 1 diabetes. Nutrition, 2014, 30, 286-290.	2.4	19
22	The factors affecting on estimation of carbohydrate content of meals in carbohydrate counting. Clinical Pediatric Endocrinology, 2015, 24, 153-165.	0.8	34
23	Towards Personalization of Diabetes Therapy Using Computerized Decision Support and Machine Learning: Some Open Problems and Challenges. Lecture Notes in Computer Science, 2015, , 237-260.	1.3	29
24	GoCARB in the Context of an Artificial Pancreas. Journal of Diabetes Science and Technology, 2015, 9, 549-555.	2.2	14
26	Safe and Efficacious Use of Automated Bolus Advisors in Individuals Treated With Multiple Daily Insulin Injection (MDI) Therapy. Journal of Diabetes Science and Technology, 2015, 9, 1138-1142.	2.2	12
27	The relationship between carbohydrate and the mealtime insulin dose in type 1 diabetes. Journal of Diabetes and Its Complications, 2015, 29, 1323-1329.	2.3	35
28	Computer Vision-Based Carbohydrate Estimation for Type 1 Patients With Diabetes Using Smartphones. Journal of Diabetes Science and Technology, 2015, 9, 507-515.	2.2	71
29	Development of a New Tool to Assess Bolus Calculation and Carbohydrate Estimation. Diabetes Technology and Therapeutics, 2016, 18, 194-199.	4.4	2
30	Accuracy of Carbohydrate Counting in Adults. Clinical Diabetes, 2016, 34, 142-147.	2.2	46
31	Unknown Safety and Efficacy of Smartphone Bolus Calculator Apps Puts Patients at Risk for Severe Adverse Outcomes. Journal of Diabetes Science and Technology, 2016, 10, 977-980.	2.2	19
32	Food exchange estimation by children with type 1 diabetes at summer camp. Journal of Pediatric Endocrinology and Metabolism, 2017, 30, 71-76.	0.9	1
33	Accurate Carbohydrate Counting Is an Important Determinant of Postprandial Glycemia in Children and Adolescents With Type 1 Diabetes on Insulin Pump Therapy. Journal of Diabetes Science and Technology, 2017, 11, 753-758.	2.2	37
34	Impact of ELKa, the Electronic Device for Prandial Insulin Dose Calculation, on Metabolic Control in Children and Adolescents with Type 1 Diabetes Mellitus: A Randomized Controlled Trial. Journal of Diabetes Research, 2017, 2017, 1-9.	2.3	6
35	Identification System For Calculating Carbohydrates By Image Classification Methods. , 2018, , .		0
36	Accuracy of Automatic Carbohydrate, Protein, Fat and Calorie Counting Based on Voice Descriptions of Meals in People with Type 1 Diabetes. Nutrients, 2018, 10, 518.	4.1	15
37	ISPAD Clinical Practice Consensus Guidelines 2018: Nutritional management in children and adolescents with diabetes. Pediatric Diabetes, 2018, 19, 136-154.	2.9	145

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38	One potato, two potato,â€¦ assessing carbohydrate counting accuracy in adolescents with type 1 diabetes. Pediatric Diabetes, 2018, 19, 1302-1308.	2.9	10
39	Carbohydrate Counting in Children and Adolescents with Type 1 Diabetes. Nutrients, 2018, 10, 109.	4.1	63
40	A Comparative Study on Carbohydrate Estimation: GoCARB vs. Dietitians. Nutrients, 2018, 10, 741.	4.1	55
41	The Association between the Parentsâ€™ Knowledge of Carbohydrate Counting and the Glycaemic Control of the Children with Type 1 Diabetes. International Journal of Pediatrics (United Kingdom), 2018, 2018, 1-7.	0.8	1
42	Deep Learning Assisted Macronutrient Estimation For Feedforward-Feedback Control In Artificial Pancreas Systems. , 2018, , .		9
43	An adaptive mealtime bolus calculator to minimize the effects of inaccurate carbohydrate counting. AIP Conference Proceedings, 2019, , .	0.4	1
44	The dietary education trial in carbohydrate counting (DIET-CARB Study): study protocol for a randomised, parallel, open-label, intervention study comparing different approaches to dietary self-management in patients with type 1 diabetes. BMJ Open, 2019, 9, e029859.	1.9	13
45	Getting IoT-ready. , 2019, , 29-57.		6
46	Effects of basic carbohydrate counting versus standard outpatient nutritional education (The BCC) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 and glucose variability in patients with type 2 diabetes. BMJ Open, 2019, 9, e032893.	1.9	3
47	Carbohydrate counting accuracy in adults with cystic fibrosis related diabetes. Nutrition and Dietetics, 2020, 77, 508-514.	1.8	2
48	goFOODTM: An Artificial Intelligence System for Dietary Assessment. Sensors, 2020, 20, 4283.	3.8	48
49	Impact of Accelerating Insulin on an Artificial Pancreas System Without Meal Announcement: An In Silico Examination. Journal of Diabetes Science and Technology, 2021, 15, 193229682092806.	2.2	9
50	Modeling Carbohydrate Counting Error in Type 1 Diabetes Management. Diabetes Technology and Therapeutics, 2020, 22, 749-759.	4.4	28
51	Carbohydrate restriction for diabetes: rediscovering centuries-old wisdom. Journal of Clinical Investigation, 2021, 131, .	8.2	35
52	Software Design Specification and Analysis of Insulin Dose to Adaptive Carbohydrate Algorithm for Type 1 Diabetic Patients. Studies in Computational Intelligence, 2021, , 107-132.	0.9	2
53	Dietary Aspects to Incorporate in the Creation of a Mobile Image-Based Dietary Assessment Tool to Manage and Improve Diabetes. Nutrients, 2021, 13, 1179.	4.1	2
54	Impact of Carbohydrate Counting Error on Glycemic Control in Open-Loop Management of Type 1 Diabetes: Quantitative Assessment Through an In Silico Trial. Journal of Diabetes Science and Technology, 2022, 16, 1541-1549.	2.2	8
55	Evaluation of Meal Carbohydrate Counting Errors in Patients with Type 1 Diabetes. Experimental and Clinical Endocrinology and Diabetes, 2022, 130, 475-483.	1.2	4

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56	The relationship between meal carbohydrate quantity and the insulin to carbohydrate ratio required to maintain glycaemia is nonâ€linear in young people with type 1 diabetes: A randomized crossover trial. Diabetic Medicine, 2022, 39, e14675.	2.3	2
57	Strategically Playing with Fire: SGLT Inhibitors as Possible Adjunct to Closed-Loop Insulin Therapy. Journal of Diabetes Science and Technology, 2021, 15, 1232-1242.	2.2	7
58	Carbohydrate Counting App Using Image Recognition for Youth With Type 1 Diabetes: Pilot Randomized Control Trial. JMIR MHealth and UHealth, 2020, 8, e22074.	3.7	39
59	Carbohydrate Estimation by a Mobile Phone-Based System Versus Self-Estimations of Individuals With Type 1 Diabetes Mellitus: A Comparative Study. Journal of Medical Internet Research, 2016, 18, e101.	4.3	79
60	Contributing Factors to Poor Adherence and Glycemic Control in Pediatric Type 1 Diabetes: Facilitating a Move Toward Telehealth. , 0, , .		1
61	A Proposal for Automatic Diabetes Food Information Display with Mobile Phone. , 2012, , .		0
63	Effect of adherence to carbohydrate counting on metabolic control in children and adolescents with type 1 diabetes mellitus. Annals of Pediatric Endocrinology and Metabolism, 2020, 25, 156-162.	2.3	6
64	â€œCounting Carbs to Be in Chargeâ€: A Comparison of an Internet-Based Education Module With In-Class Education in Adolescents With Type 1 Diabetes. Clinical Diabetes, 2021, 39, 80-87.	2.2	4
65	Too Much Dietary Flexibility May Hinder, Not Help: Could More Specific Targets for Daily Food Intake Distribution Promote Glycemic Management among Youth with Type 1 Diabetes?. Nutrients, 2022, 14, 824.	4.1	0
66	Ä°nsÃ¼lin Kalemi ve PompasÄ± Kullanan Tip 1 Diyabet HastasÄ± Ã‡ocuklarda Metabolik Kontrol ve YaÅŸam Kalitesi DÃ¼zeyleri. Kocaeli Ãœniversitesi SaÄŸlÄ±k Bilimleri Dergisi, 0, , 65-71.	0.5	1
67	Digital Solutions to Diagnose and Manage Postbariatric Hypoglycemia. Frontiers in Nutrition, 2022, 9, 855223.	3.7	5
68	ISPAD Clinical practice consensus guidelines 2018. Chapter 10: Nutritional management in children and adolescents with diabete. Ukrainian Journal of Pediatric Endocrinology, 2021, , 52-72.	0.1	0
69	Carbohydrate Counting vs. Fixed Meal Plan in Indian Children with Type 1 Diabetes Mellitus: A Randomized Controlled Trial. Indian Journal of Pediatrics, 0, , .	0.8	0