

Interventions to lower the glycemic response to carbohydrate
fiber (resistant maltodextrin): meta-analysis of random

American Journal of Clinical Nutrition

89, 114-125

DOI: [10.3945/ajcn.26842](https://doi.org/10.3945/ajcn.26842)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Heterogeneous Effects of Fructose on Blood Lipids in Individuals With Type 2 Diabetes. <i>Diabetes Care</i> , 2009, 32, 1930-1937.	8.6	160
2	Glycemic index, glycemic load, and the risk of pancreatic cancer among postmenopausal women in the women's health initiative observational study and clinical trial. <i>Cancer Causes and Control</i> , 2010, 21, 2129-2136.	1.8	13
3	Women's diet quality in the UK. <i>Nutrition Bulletin</i> , 2010, 35, 126-137.	1.8	17
4	Consumption of Cross-Linked Resistant Starch (RS4 _{XL}) on Glucose and Insulin Responses in Humans. <i>Journal of Nutrition and Metabolism</i> , 2010, 2010, 1-6.	1.8	60
5	The soluble fiber NUTRIOSE induces a dose-dependent beneficial impact on satiety over time in humans. <i>Nutrition Research</i> , 2011, 31, 665-672.	2.9	54
6	Effect of Low Glycemic Load Diet on Glycated Hemoglobin (HbA1c) in Poorly-Controlled Diabetes Patients. <i>Global Journal of Health Science</i> , 2011, 4, 211-6.	0.2	12
7	Is Fructose a Story of Mice but Not Men?. <i>Journal of the American Dietetic Association</i> , 2011, 111, 219-220.	1.1	39
8	More on Mice and Men: Fructose Could put Brakes on a Vicious Cycle Leading to Obesity in Humans. <i>Journal of the American Dietetic Association</i> , 2011, 111, 986-990.	1.1	5
10	Effect of low-glycemic load diet on changes in cardiovascular risk factors in poorly controlled diabetic patients. <i>Indian Journal of Endocrinology and Metabolism</i> , 2012, 16, 991.	0.4	12
11	Improvement Effect of Resistant Maltodextrin in Humans with Metabolic Syndrome by Continuous Administration. <i>Journal of Nutritional Science and Vitaminology</i> , 2012, 58, 423-430.	0.6	39
12	Can an iron-rich staple food help women to achieve dietary targets in pregnancy?. <i>International Journal of Food Sciences and Nutrition</i> , 2012, 63, 199-207.	2.8	3
14	Postprandial Glucose and NF- κ B Responses Are Regulated Differently by Monounsaturated Fatty Acid and Dietary Fiber in Impaired Fasting Glucose Subjects. <i>Journal of Medicinal Food</i> , 2013, 16, 1168-1171.	1.5	4
15	The effect of dietary fibre on reducing the glycaemic index of bread. <i>British Journal of Nutrition</i> , 2013, 109, 1163-1174.	2.3	117
16	Effects of xylooligosaccharide-sugar mixture on glycemic index (GI) and blood glucose response in healthy adults. <i>Journal of Nutrition and Health</i> , 2014, 47, 229.	0.8	12
17	The Metabolizable Energy of Dietary Resistant Maltodextrin Is Variable and Alters Fecal Microbiota Composition in Adult Men. <i>Journal of Nutrition</i> , 2014, 144, 1023-1029.	2.9	61
18	Dietary Fiber Intake and Risk of Stroke. <i>Current Nutrition Reports</i> , 2014, 3, 88-93.	4.3	4
19	<i>In vitro</i> hypoglycemic effects of hot water extract from <i>Auricularia polytricha</i> (wood ear) Tj ETQq0 0 0 rBT /Overlock 10 Tf 5	2.8	24
20	Rice-based Korean meals (bibimbap and kimbap) have lower glycemic responses and postprandial-triglyceride effects than energy-matched Western meals. <i>Journal of Ethnic Foods</i> , 2015, 2, 154-161.	1.9	4

#	ARTICLE	IF	CITATIONS
21	Effect of Fiber and Low Glycemic Load Diet on Blood Glucose Profile and Cardiovascular Risk Factors in Diabetes and Poorly Controlled Diabetic Subjects. , 2015, , 133-145.		3
22	O uso do carboidrato antes da atividade física como recurso ergogênico: revisão sistemática. Revista Brasileira De Medicina Do Esporte, 2015, 21, 153-157.	0.2	6
23	Resistant maltodextrin promotes fasting glucagon-like peptide-1 secretion and production together with glucose tolerance in rats. British Journal of Nutrition, 2015, 114, 34-42.	2.3	27
24	The effect of nutritional composition on the glycemic index and glycemic load values of selected Emirati foods. BMC Nutrition, 2015, 1, .	1.6	10
25	Effect of a Brown Rice Based Vegan Diet and Conventional Diabetic Diet on Glycemic Control of Patients with Type 2 Diabetes: A 12-Week Randomized Clinical Trial. PLoS ONE, 2016, 11, e0155918.	2.5	91
26	Dietary resistant maltodextrin ameliorates testicular function and spermatogenesis in streptozotocin-nicotinamide-induced diabetic rats. Andrologia, 2016, 48, 363-373.	2.1	7
27	The role of dietary acid load and mild metabolic acidosis in insulin resistance in humans. Biochimie, 2016, 124, 171-177.	2.6	50
28	Some Nutritional Characteristics of Enzymatically Resistant Maltodextrin from Cassava (Manihot) Tj ETQq1 1 0.784314 rgBT /Overload	3.2	13
29	Lacto-Vegetarian Diet and Correlation of Fasting Blood Sugar with Lipids in Population Practicing Sedentary Lifestyle. Ecology of Food and Nutrition, 2017, 56, 351-363.	1.6	5
30	Effects of resistant dextrin for weight loss in overweight adults: a systematic review with a meta-analysis of randomized controlled trials. Journal of Pharmaceutical Health Care and Sciences, 2017, 3, 15.	1.0	11
31	Carbohydrates and insulin resistance in clinical nutrition: Recommendations from the ESPEN expert group. Clinical Nutrition, 2017, 36, 355-363.	5.0	68
32	Effects of Higher Dietary Protein and Fiber Intakes at Breakfast on Postprandial Glucose, Insulin, and 24-h Interstitial Glucose in Overweight Adults. Nutrients, 2017, 9, 352.	4.1	5
33	Dietary Fiber Intake and Type 2 Diabetes Mellitus: An Umbrella Review of Meta-analyses. Journal of Chiropractic Medicine, 2018, 17, 44-53.	0.7	116
34	Resistant maltodextrin or fructooligosaccharides promotes GLP-1 production in male rats fed a high-fat and high-sucrose diet, and partially reduces energy intake and adiposity. European Journal of Nutrition, 2018, 57, 965-979.	3.9	34
35	Does Korean diet based on brown rice really have the effect on treating chronic diseases and on suspending drug use?. Journal of Ethnic Foods, 2018, 5, 231-231.	1.9	2
36	Effects of resistant maltodextrin on bowel movements: a systematic review and meta-analysis. Clinical and Experimental Gastroenterology, 2018, Volume 11, 85-96.	2.3	20
37	Plant versus animal based diets and insulin resistance, prediabetes and type 2 diabetes: the Rotterdam Study. European Journal of Epidemiology, 2018, 33, 883-893.	5.7	157
38	Insulin Sensitivity and Glucose Homeostasis Can Be Influenced by Metabolic Acid Load. Nutrients, 2018, 10, 618.	4.1	26

#	ARTICLE	IF	CITATIONS
39	The Metabolic Flexibility of Hovering Vertebrate Nectarivores. <i>Physiology</i> , 2018, 33, 127-137.	3.1	7
40	High fructose consumption with a high-protein meal is associated with decreased glycemia and increased thermogenesis but reduced fat oxidation: A randomized controlled trial. <i>Nutrition</i> , 2019, 58, 77-82.	2.4	1
41	Review: Effects of fibre, grain starch digestion rate and the ileal brake on voluntary feed intake in pigs. <i>Animal</i> , 2019, 13, 2745-2754.	3.3	30
42	Suppressive effect of dietary resistant maltodextrin on systemic immunity in a mouse model of food allergy. <i>Bioscience of Microbiota, Food and Health</i> , 2019, 38, 89-95.	1.8	4
43	Resistant Maltodextrin and Metabolic Syndrome: A Review. <i>Journal of the American College of Nutrition</i> , 2019, 38, 380-385.	1.8	16
44	Free sugars. <i>Proceedings of the Nutrition Society</i> , 2020, 79, 56-60.	1.0	5
45	Dietary Fibre Consensus from the International Carbohydrate Quality Consortium (ICQC). <i>Nutrients</i> , 2020, 12, 2553.	4.1	42
46	Attenuation of glycaemic and insulin responses following tapioca resistant maltodextrin consumption in healthy subjects: a randomised cross-over controlled trial. <i>Journal of Nutritional Science</i> , 2020, 9, e29.	1.9	6
47	Impact of Resistant Maltodextrin Addition on the Physico-Chemical Properties in Pasteurised Orange Juice. <i>Foods</i> , 2020, 9, 1832.	4.3	9
48	Optimization of spray drying process of Japanese apricot (<i>Prunus mume</i> Sieb. et Zucc.) juice powder using nondigestible maltodextrin by response surface methodology (RSM). <i>Journal of Food Science and Technology</i> , 0, , 1.	2.8	3
49	Resistant maltodextrinâ€™s effect on the physicochemical and structure properties of spray dried orange juice powders. <i>European Food Research and Technology</i> , 2021, 247, 1125-1132.	3.3	7
50	Metabolic and satiating effects and consumer acceptance of a fibre-enriched Leberkas meal: a randomized cross-over trial. <i>European Journal of Nutrition</i> , 2021, 60, 3203-3210.	3.9	4
51	The Impact of a Plant-Based Diet on Gestational Diabetes: A Review. <i>Antioxidants</i> , 2021, 10, 557.	5.1	24
52	Effect of Adding Resistant Maltodextrin to Pasteurized Orange Juice on Bioactive Compounds and Their Bioaccessibility. <i>Foods</i> , 2021, 10, 1198.	4.3	7
53	The effect of mixing rice with mung bean in different food meals on postprandial blood glucose level in healthy adults. <i>IOP Conference Series: Earth and Environmental Science</i> , 2021, 779, 012002.	0.3	0
54	Vegetarian diets and glycemic control in diabetes: a systematic review and meta-analysis. <i>Cardiovascular Diagnosis and Therapy</i> , 2014, 4, 373-82.	1.7	162
55	Development of gluten-free and low glycemic index rice pancake: Impact of dietary fiber and low-calorie sweeteners on texture profile, sensory properties, and glycemic index. <i>Food Hydrocolloids for Health</i> , 2021, 1, 100034.	3.9	12
56	Effects of Rice Diet and Bread Diet on Plasma Triglyceride, Insulin and Ghrelin Level after Endurance Exercise. <i>Journal of the Korean Society of Food Science and Nutrition</i> , 2012, 41, 1112-1117.	0.9	0

#	ARTICLE	IF	CITATIONS
57	Chapter 2 Dietary carbohydrates and type 2 diabetes. , 2013, , 11-64.		1
58	Hypoglycemic Effects of Boiled rice made from Unpolished rice, Job' tear, and Extract From Medicinal Herbs Mixture on Diabetic Rat. The Korea Journal of Herbology, 2014, 29, 59-70.	0.2	2
59	Visceral Fat-Reducing Effect and Safety of Continuous Consumption of Beverage Containing Resistant Maltodextrin: A Randomized, Double-Blind, Placebo-Controlled, Parallel-Group Clinical Trial. Journal of Nutritional Science and Vitaminology, 2020, 66, 417-426.	0.6	6
60	Evidence Supporting a Phased Immuno-physiological Approach to COVID-19 From Prevention Through Recovery. Integrative Medicine, 2020, 19, 8-35.	0.1	8
61	Impact of food processing on postprandial glycaemic and appetite responses in healthy adults: a randomized, controlled trial. Food and Function, 2022, 13, 1280-1290.	4.6	4
62	The effects of corn syrup, water content and sucrose replacers on sucrose crystallization in starch jellies. Journal of Food Processing and Preservation, 2022, 46, .	2.0	1
63	Tapioca Resistant Maltodextrin as a Carbohydrate Source of Oral Nutrition Supplement (ONS) on Metabolic Indicators: A Clinical Trial. Nutrients, 2022, 14, 916.	4.1	5
64	Blood Glucose Response of a Low-Carbohydrate Oral Nutritional Supplement with Isomaltulose and Soluble Dietary Fiber in Individuals with Prediabetes: A Randomized, Single-Blind Crossover Trial. Nutrients, 2022, 14, 2386.	4.1	5
65	Digestive tolerability and acceptability of Fibersol-2 in healthy and diarrheal children 1â€“3 years old at a rural facility, Bangladesh: Results from a four arm exploratory study. PLoS ONE, 2022, 17, e0274302.	2.5	0
66	Stability of vitamin C, carotenoids, phenols, and antioxidant capacity of pasteurised orange juice with resistant maltodextrin storage. Food Science and Technology International, 2024, 30, 18-29.	2.2	2
67	A Novel Powder Formulation of the Ketone Ester, Bis Hexanoyl (R)-1,3-Butanediol, Rapidly Increases Circulating Å-Hydroxybutyrate Concentrations in Healthy Adults. , 2023, 42, 635-642.		5
68	The Effects of Soluble Dietary Fibers on Glycemic Response: An Overview and Futures Perspectives. Foods, 2022, 11, 3934.	4.3	19
69	Is Fibersol-2 efficacious in reducing duration of watery diarrhea and stool output in children 1â€“3 years old? A randomized, parallel, double-blinded, placebo-controlled, two arm clinical trial. PLoS ONE, 2023, 18, e0280934.	2.5	0
70	Inhibitory effects of resistant maltodextrin on rat disaccharidases: Overestimation by the method measuring released glucose. Journal of Functional Foods, 2023, 107, 105653.	3.4	0
71	Alimentos processados e Diabetes Mellitus: avaliaÃ§Ã£o de rotulagem de alimentos industrializados indicados para diabÃ©ticos. Revista Do Instituto Adolfo Lutz, 0, 80, 1-9.	0.1	0
72	Resistant Maltodextrin Suppresses Intestinal Phenols Production by Modifying the Intestinal Environment. Journal of Nutritional Science and Vitaminology, 2023, 69, 268-274.	0.6	0
73	Sensory Evaluation, Physico-Chemical Properties, and Aromatic Profile of Pasteurised Orange Juice with Resistant Maltodextrin. Foods, 2023, 12, 4025.	4.3	0