

Potassium Intake and Blood Pressure: A Doseâ€Response Controlled Trials

Journal of the American Heart Association

9, e015719

DOI: [10.1161/jaha.119.015719](https://doi.org/10.1161/jaha.119.015719)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Association between the Intake of Fermented Soy Products and Hypertension Risk in Postmenopausal Women and Men Aged 50 Years or Older: The Korea National Health and Nutrition Examination Survey 2013–2018. <i>Nutrients</i> , 2020, 12, 3621.	4.1	4
2	Sodium and Potassium Intake and Cardiovascular Disease in Older People: A Systematic Review. <i>Nutrients</i> , 2020, 12, 3447.	4.1	19
3	Kidney Is Essential for Blood Pressure Modulation by Dietary Potassium. <i>Current Cardiology Reports</i> , 2020, 22, 124.	2.9	8
4	Everything in moderation: Understanding the interplay between salt and sugar intake. <i>Journal of Clinical Hypertension</i> , 2020, 22, 2385-2386.	2.0	1
5	Potassium Intake and Blood Pressure: A Dose–Response Meta–Analysis of Randomized Controlled Trials. <i>Journal of the American Heart Association</i> , 2020, 9, e015719.	3.7	132
6	The Feasibility of Using Computrition Software for Nutrition Research—A Pilot Study. <i>Nutrients</i> , 2021, 13, 329.	4.1	1
7	An observational study to estimate the level of essential trace elements and its implications in type 2 diabetes mellitus patients. <i>Journal of Family Medicine and Primary Care</i> , 2021, 10, 2594.	0.9	5
8	Dismissing the use of P-values and statistical significance testing in scientific research: new methodological perspectives in toxicology and risk assessment. , 2021, , 309-321.		2
9	Fish intake, n-3 fatty acid body status, and risk of cognitive decline: a systematic review and a dose–response meta-analysis of observational and experimental studies. <i>Nutrition Reviews</i> , 2022, 80, 1445-1458.	5.8	29
10	Impact of Micronutrients on Hypertension: Evidence from Clinical Trials with a Special Focus on Meta-Analysis. <i>Nutrients</i> , 2021, 13, 588.	4.1	19
11	Guideline-Driven Management of Hypertension. <i>Circulation Research</i> , 2021, 128, 827-846.	4.5	52
12	Global Trends (1961–2017) in Human Dietary Potassium Supplies. <i>Nutrients</i> , 2021, 13, 1369.	4.1	20
13	Blood Pressure Effects of Sodium Reduction. <i>Circulation</i> , 2021, 143, 1542-1567.	1.6	133
14	Classification and Prediction on the Effects of Nutritional Intake on Overweight/Obesity, Dyslipidemia, Hypertension and Type 2 Diabetes Mellitus Using Deep Learning Model: 4th–7th Korea National Health and Nutrition Examination Survey. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 5597.	2.6	21
15	Evaluation of Proximate and Mineral Composition of Biscuit Formulated Using Chayote (Sechium) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 2021, 9, 373-377.	0.2	2
16	PENGARUH PEMBERIAN PUDING PISANG MELON DAN AIR KELAPA MUDA TERHADAP PENURUNAN TEKANAN DARAH PENDERITA HIPERTENSI. <i>Jurnal Riset Gizi</i> , 2021, 9, 28-32.	0.2	0
17	Sodium and Potassium Content of Foods Consumed in an Italian Population and the Impact of Adherence to a Mediterranean Diet on Their Intake. <i>Nutrients</i> , 2021, 13, 2681.	4.1	22
18	Dietary Supplements—For Whom? The Current State of Knowledge about the Health Effects of Selected Supplement Use. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 8897.	2.6	30

#	ARTICLE	IF	CITATIONS
19	Sodium Bicarbonate Prescription and Extracellular Volume Increase: Real-World Data Results from the AlcalUN Study. <i>Clinical Pharmacology and Therapeutics</i> , 2022, 111, 252-262.	4.7	1
20	Targeting the Dietary Na:K Ratio—Considerations for Design of an Intervention Study to Impact Blood Pressure. <i>Advances in Nutrition</i> , 2021, , .	6.4	8
21	Weight-Loss Strategies for Prevention and Treatment of Hypertension: A Scientific Statement From the American Heart Association. <i>Hypertension</i> , 2021, 78, e38-e50.	2.7	79
22	Barriers and Facilitators to Implementing Reduced-Sodium Salts as a Population-Level Intervention: A Qualitative Study. <i>Nutrients</i> , 2021, 13, 3225.	4.1	7
23	Accuracy of equations for predicting 24-h urinary potassium excretion from spot urine samples in Chinese children. <i>British Journal of Nutrition</i> , 2022, 128, 444-452.	2.3	2
24	Effect of Salt Substitution on Cardiovascular Events and Death. <i>New England Journal of Medicine</i> , 2021, 385, 1067-1077.	27.0	321
25	Association of Dyskalemias with Ischemic Stroke in Advanced Chronic Kidney Disease Patients Transitioning to Dialysis. <i>American Journal of Nephrology</i> , 2021, 52, 539-547.	3.1	0
26	Adherence to Dietary and Physical Activity Guidelines in Australian Undergraduate Biomedical Students and Associations with Body Composition and Metabolic Health: A Cross-Sectional Study. <i>Nutrients</i> , 2021, 13, 3500.	4.1	4
27	Effects of Dietary App-Supported Tele-Counseling on Sodium Intake, Diet Quality, and Blood Pressure in Patients With Diabetes and Kidney Disease. , 2022, 32, 39-50.		14
28	Feasibility of Low-Sodium, High-Potassium Processed Foods and Their Effect on Blood Pressure in Free-Living Japanese Men: A Randomized, Double-Blind Controlled Trial. <i>Nutrients</i> , 2021, 13, 3497.	4.1	5
29	Obesity, Sodium Homeostasis, and Arterial Hypertension in Children and Adolescents. <i>Nutrients</i> , 2021, 13, 4032.	4.1	19
30	Association Between Dietary Patterns and Different Metabolic Phenotypes in Japanese Adults: WASEDA'S Health Study. <i>Frontiers in Nutrition</i> , 2022, 9, 779967.	3.7	8
31	The impact of excessive salt intake on human health. <i>Nature Reviews Nephrology</i> , 2022, 18, 321-335.	9.6	46
32	Salt Substitute and Cardiovascular Events and Death. <i>New England Journal of Medicine</i> , 2021, 385, 2491-2494.	27.0	5
34	Potassium and the kidney: a reciprocal relationship with clinical relevance. <i>Pediatric Nephrology</i> , 2022, 37, 2245-2254.	1.7	9
35	Updates in hypertension: new trials, targets and ways of measuring blood pressure. <i>Current Opinion in Nephrology and Hypertension</i> , 2022, 31, 258-264.	2.0	2
36	Cost-Effectiveness of a Household Salt Substitution Intervention: Findings From 20 995 Participants of the Salt Substitute and Stroke Study. <i>Circulation</i> , 2022, 145, 1534-1541.	1.6	13
37	Olive cake reduces blood pressure, oxidative stress, aortic endothelial dysfunction and vascular remodeling, in dexamethasone-induced hypertensive rats. <i>Mediterranean Journal of Nutrition and Metabolism</i> , 2022, , 1-15.	0.5	0

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38	Sodium Intake and Risk of Hypertension: A Systematic Review and Dose-Response Meta-analysis of Observational Cohort Studies. <i>Current Hypertension Reports</i> , 2022, 24, 133-144.	3.5	27
39	Latest hypertension research to inform clinical practice in Asia. <i>Hypertension Research</i> , 2022, 45, 555-572.	2.7	16
40	Association between intake of sodium, potassium, sodium-to-potassium ratio, and blood pressure among US adults. <i>International Journal for Vitamin and Nutrition Research</i> , 2023, 93, 392-400.	1.5	4
41	Molecular mechanisms for the modulation of blood pressure and potassium homeostasis by the distal convoluted tubule. <i>EMBO Molecular Medicine</i> , 2022, 14, e14273.	6.9	14
42	Mechanism-based strategies to prevent salt sensitivity and salt-induced hypertension. <i>Clinical Science</i> , 2022, 136, 599-620.	4.3	9
43	Diet, inflammation, and cardiovascular disease. , 2022, , 367-472.		2
44	Associations between fruit consumption and home blood pressure in a randomly selected sample of the general Swedish population. <i>Journal of Clinical Hypertension</i> , 2022, 24, 723-730.	2.0	4
45	Salt, hypertension and cardiovascular outcomes. , 2022, , .		0
46	Effects of Short-Term Potassium Chloride Supplementation in Patients with CKD. <i>Journal of the American Society of Nephrology: JASN</i> , 2022, 33, 1779-1789.	6.1	34
47	Review of Long-Term Blood Pressure Control After Intracerebral Hemorrhage: Challenges and Opportunities. <i>Stroke</i> , 2022, 53, 2142-2151.	2.0	10
48	Omega-3 Polyunsaturated Fatty Acids Intake and Blood Pressure: A Dose-Response Meta-Analysis of Randomized Controlled Trials. <i>Journal of the American Heart Association</i> , 2022, 11, .	3.7	33
50	Prediction Tool to Estimate Potassium Diet in Chronic Kidney Disease Patients Developed Using a Machine Learning Tool: The UniverSel Study. <i>Nutrients</i> , 2022, 14, 2419.	4.1	4
51	Potassium homeostasis: sensors, mediators, and targets. <i>Pflugers Archiv European Journal of Physiology</i> , 2022, 474, 853-867.	2.8	23
52	Technological characteristics of sodium reduced wheat bread: Effects of fermentation type and partial replacement of salt with potassium chloride. <i>Food Science and Nutrition</i> , 0, , .	3.4	0
53	Sex-specific associations between potassium intake, blood pressure, and cardiovascular outcomes: the EPIC-Norfolk study. <i>European Heart Journal</i> , 2022, 43, 2867-2875.	2.2	11
54	Changes in Elements and Relationships among Elements in Intervertebral Disc Degeneration. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 9042.	2.6	8
55	The Effect of Herbal Supplements on Blood Pressure: Systematic Review and Meta-Analysis. <i>Antioxidants</i> , 2022, 11, 1419.	5.1	8
56	Estimated Benefits and Risks of Using a Reduced-Sodium, Potassium-Enriched Salt Substitute in India: A Modeling Study. <i>Hypertension</i> , 2022, 79, 2188-2198.	2.7	14

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57	The Role of Dietary Electrolytes and Childhood Blood Pressure Regulation. , 2022, , 1-25.		0
58	Risk Factors, Mechanisms, and Causes of Essential Hypertension. Nephrology Self-assessment Program: NephSAP, 2022, 21, 276-283.	3.0	0
59	Advances in pathogenesis and treatment of essential hypertension. Frontiers in Cardiovascular Medicine, 0, 9, .	2.4	8
60	Treatment of Hypertension. JAMA - Journal of the American Medical Association, 2022, 328, 1849.	7.4	77
61	Dietary Potassium Intake and Risk of Diabetes: A Systematic Review and Meta-Analysis of Prospective Studies. Nutrients, 2022, 14, 4785.	4.1	9
62	Differences in multielement concentrations in rice (<i>Oryza sativa</i> L.) between longevity and non-longevity areas in China and their relations with lifespan indicators. Food Research International, 2022, 162, 112056.	6.2	1
63	Skin regulation of salt and blood pressure and potential clinical implications. Hypertension Research, 2023, 46, 408-416.	2.7	5
64	Implementation of non-pharmacological interventions for the treatment of hypertension in primary care: a narrative review of effectiveness, cost-effectiveness, barriers, and facilitators. , 2022, 23, .		7
65	The Severity of Obesity Promotes Greater Dehydration in Children: Preliminary Results. Nutrients, 2022, 14, 5150.	4.1	2
66	The Role of Dietary Electrolytes and Childhood Blood Pressure Regulation. , 2023, , 169-193.		0
67	Dissociation of sodium-chloride cotransporter expression and blood pressure during chronic high dietary potassium supplementation. JCI Insight, 2023, 8, .	5.0	10
68	Coconut sugar derived from coconut inflorescence sap lowers systolic blood pressure and arterial stiffness in middle-aged and older adults: a pilot study. Journal of Applied Physiology, 2023, 134, 508-514.	2.5	1
69	The role of dietary salt in metabolism and energy balance: Insights beyond cardiovascular disease. Diabetes, Obesity and Metabolism, 2023, 25, 1147-1161.	4.4	5
70	Spirulina Supplements as a Source of Mineral Nutrients in the Daily Diet. Applied Sciences (Switzerland), 2023, 13, 1011.	2.5	3
71	Heart Disease and Stroke Statisticsâ€™2023 Update: A Report From the American Heart Association. Circulation, 2023, 147, .	1.6	2,130
72	Associations between dairy intake and mortality due to all-cause and cardiovascular disease: the Japan Public Health Center-based prospective study. European Journal of Nutrition, 0, , .	3.9	0
73	Dietary sodium, potassium intake, sodium-to-potassium ratio and risk of hypertension: a protocol for systematic review and doseâ€™response meta-analysis of cohort studies. BMJ Open, 2023, 13, e065470.	1.9	2
74	Effect of Potassium Supplementation on Endothelial Function: A Systematic Review and Meta-Analysis of Intervention Studies. Nutrients, 2023, 15, 853.	4.1	3

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75	Antioxidant and Antibacterial Properties of a Functional Sports Beverage Formulation. <i>International Journal of Molecular Sciences</i> , 2023, 24, 3558.	4.1	1
77	A New Understanding of Potassium's Influence Upon Human Health and Renal Physiology. , 2023, 30, 137-147.		1
78	Optimal duration of antibiotic treatment for community-acquired pneumonia in adults: a systematic review and duration-effect meta-analysis. <i>BMJ Open</i> , 2023, 13, e061023.	1.9	3
79	Association between the prudent dietary pattern and blood pressure in Chinese adults is partially mediated by body composition. <i>Frontiers in Nutrition</i> , 0, 10, .	3.7	2
80	Hypertension and the metabolic syndrome: toward personalized management. , 2023, , 397-425.		0
81	Challenges of Changing Water Sources for Human Wellbeing in the Arctic Zone of Western Siberia. <i>Water (Switzerland)</i> , 2023, 15, 1577.	2.7	2
82	Potassium: To Add or to Replaceâ€¦ That Is the Question. <i>Hypertension</i> , 2023, 80, 966-968.	2.7	1
84	Alleviating air pollutant-associated hypertension by potassium intake in Korean adults: a cross-sectional study from the 2012â€“2016 Korea National Health and Nutrition Examination Survey. <i>Environmental Science and Pollution Research</i> , 2023, 30, 73881-73889.	5.3	1
85	Less sodium, more potassium, or both: population-wide strategies to prevent hypertension. <i>American Journal of Physiology - Renal Physiology</i> , 2023, 325, F99-F104.	2.7	3
86	Association Between Omegaâ€“3 Fatty Acid Intake and Dyslipidemia: A Continuous Doseâ€“Response Metaâ€“Analysis of Randomized Controlled Trials. <i>Journal of the American Heart Association</i> , 2023, 12, .	3.7	3
87	Dietary modification for prevention and control of high blood pressure. <i>Postgraduate Medical Journal</i> , 0, , .	1.8	0
88	Association of Dietary Potassium Intake With Abdominal Aortic Calcification and Pulse Pressure in US Adults. , 2023, 33, 657-665.		2
89	Low Potassium Intake: A Common Risk Factor for Nephrolithiasis in Patients with High Blood Pressure. <i>High Blood Pressure and Cardiovascular Prevention</i> , 0, , .	2.2	1
90	2023 ESH Guidelines for the management of arterial hypertension The Task Force for the management of arterial hypertension of the European Society of Hypertension. <i>Journal of Hypertension</i> , 2023, 41, 1874-2071.	0.5	267
91	Fruit and vegetable consumption and the risk of hypertension: a systematic review and meta-analysis of prospective studies. <i>European Journal of Nutrition</i> , 2023, 62, 1941-1955.	3.9	7
92	The Role of Dietary Potassium in the Cardiovascular Protective Effects of Plant-Based Diets. <i>Seminars in Nephrology</i> , 2023, 43, 151406.	1.6	1
93	Thirty years of the NCC cotransporter: from cloning to physiology and structure. <i>American Journal of Physiology - Renal Physiology</i> , 0, , .	2.7	0
94	The Integral Role of Chloride & With-No-Lysine Kinases in Cell Volume Regulation & Hypertension. <i>International Journal of Nephrology and Renovascular Disease</i> , 0, Volume 16, 183-196.	1.8	0

#	ARTICLE	IF	CITATIONS
95	Fructose-containing food sources and blood pressure: A systematic review and meta-analysis of controlled feeding trials. PLoS ONE, 2023, 18, e0264802.	2.5	2
96	Blood Pressure Control Should Focus on More Potassium: Controversies in Hypertension. Hypertension, 2024, 81, 501-509.	2.7	1
97	Dietary Sodium Reduction Is Best for Reducing Blood Pressure: Controversies in Hypertension. Hypertension, 2024, 81, 510-515.	2.7	1
98	Alcohol Intake and Blood Pressure Levels: A Dose-Response Meta-Analysis of Nonexperimental Cohort Studies. Hypertension, 2023, 80, 1961-1969.	2.7	6
99	Vitamins and Minerals for Blood Pressure Reduction in the General, Normotensive Population: A Systematic Review and Meta-Analysis of Six Supplements. Nutrients, 2023, 15, 4223.	4.1	3
100	Salt Sensitivity: Causes, Consequences, and Recent Advances. Hypertension, 2024, 81, 476-489.	2.7	2
101	GRADE guidance 38: Updated guidance for rating up certainty of evidence due to a dose-response gradient. Journal of Clinical Epidemiology, 2023, , .	5.0	2
102	Potassium status and the risk of type 2 diabetes, cardiovascular diseases, and mortality: a meta-analysis of prospective observational studies. Critical Reviews in Food Science and Nutrition, 0, , 1-13.	10.3	0
103	Diabetes Mellitus:. , 2024, , 439-455.		0
104	Diet and Hypertension. , 2024, , 17-48.		0
105	Sodium and potassium consumption in Jamaica: National estimates and associated factors from the Jamaica Health and Lifestyle Survey 2016â€“2017. Medicine (United States), 2023, 102, e35308.	1.0	0
106	Preparation of Î²-Cyclodextrin Functionalized Platform for Monitoring Changes in Potassium Content in Perspiration. Molecules, 2023, 28, 7000.	3.8	0
107	Chronic kidney disease increases the susceptibility to negative effects of low and high potassium intake. Nephrology Dialysis Transplantation, 0, , .	0.7	0
108	Modifying Dietary Sodium and Potassium Intake: An End to the 'Salt Wars'?. Hypertension, 2024, 81, 415-425.	2.7	1
109	An Overview of the Benefits of Indian Spices for High Blood Pressure. Journal of Natural Remedies, 0, , 1335-1346.	0.3	0
110	Acid washing with celite filter support: a powerful tool on sodium and potassium mitigating and leaching in simulated juices. Biomass Conversion and Biorefinery, 0, , .	4.6	0
111	Potassium intake: the Cinderella electrolyte. European Heart Journal, 2023, 44, 4925-4934.	2.2	2
112	Association between socio-demographic factors, lifestyle, eating habits and hypertension risk among middle-aged and older rural Chinese adults. Nutrition, Metabolism and Cardiovascular Diseases, 2024, 34, 726-737.	2.6	0

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113	Association of serum potassium level with dietary potassium intake in Chinese older adults: a multicentre, cross-sectional survey. <i>BMJ Open</i> , 2023, 13, e077249.	1.9	0
114	Salt and Hypertension: "Switch"ing the Focus to Potassium. <i>American Journal of Kidney Diseases</i> , 2023, , .	1.9	0
115	Highlighting Important (Selected) Issues in Hypertension Therapeutics. <i>Trends in Cardiovascular Medicine</i> , 2023, , .	4.9	0
116	13. Hypertension. , 2023, , .		0
117	Evidence on the use of alternative substances and therapies in hypertension. <i>Hipertension Y Riesgo Vascular</i> , 2023, , .	0.6	0
118	Cardiometabolic and renal phenotypes and transitions in the United States population. , 0, , .		0
119	Japan Atherosclerosis Society (JAS) Guidelines for Prevention of Atherosclerotic Cardiovascular Diseases 2022. <i>Journal of Atherosclerosis and Thrombosis</i> , 2023, , .	2.0	2
120	Making Sense of Individual Responses to Sodium Reduction. <i>JAMA - Journal of the American Medical Association</i> , 2023, 330, 2251.	7.4	0
121	Adherence to Mediterranean-Dietary Approaches to Stop Hypertension Intervention for Neurodegenerative Delay Diet in Relation to Serum Brain-Derived Neurotrophic Factor Concentrations and Metabolic Health Status in Adults. <i>Current Developments in Nutrition</i> , 2024, 8, 102082.	0.3	0
122	Sex Differences in the Relationship between Personal, Psychological and Biochemical Factors with Blood Pressure in a Healthy Adult Mexican Population: A Cross-Sectional Study. <i>Journal of Clinical Medicine</i> , 2024, 13, 378.	2.4	0
123	2024 Heart Disease and Stroke Statistics: A Report of US and Global Data From the American Heart Association. <i>Circulation</i> , 2024, 149, .	1.6	8
124	Animal board invited review: The contribution of red meat to adult nutrition and health beyond protein. <i>Animal</i> , 2024, 18, 101103.	3.3	0
125	Potassium "a" a scoping review for Nordic Nutrition Recommendations 2023. <i>Food and Nutrition Research</i> , 0, 68, .	2.6	0
126	Higher potassium intake is associated with a lower risk of chronic kidney disease: population-based prospective study. <i>American Journal of Clinical Nutrition</i> , 2024, 119, 1044-1051.	4.7	0
127	Cost-Effectiveness of Salt Substitute and Salt Supply Restriction in Eldercare Facilities. <i>JAMA Network Open</i> , 2024, 7, e2355564.	5.9	0
128	Sodium intake and public health -- methodological pitfalls in assessing the relationship between sodium intake and health outcomes. <i>Research Methods in Medicine & Health Sciences</i> , 0, , .	1.2	0
129	Dietary calcium, phosphorus, and potassium intake associated with erectile dysfunction in the National Health and Nutrition Examination Survey (NHANES) 2001 to 2004. <i>PLoS ONE</i> , 2024, 19, e0297129.	2.5	0
130	Potassium Intake and Human Health. <i>Nutrients</i> , 2024, 16, 833.	4.1	0

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131	Are all sugars equal? Role of the food source in physiological responses to sugars with an emphasis on fruit and fruit juice. <i>European Journal of Nutrition</i> , 0, , .	3.9	0
132	The contribution of sodium reduction and potassium increase to the blood pressure lowering observed in the Salt Substitute and Stroke Study. <i>Journal of Human Hypertension</i> , 2024, 38, 298-306.	2.2	0