# Excluded Articles: Sodium Intake & Risk of Cardiovascular Disease

The table below lists the excluded articles with at least one reason for exclusion, but may not reflect all possible reasons.

| Reference | Excluded Citations | Reason for Exclusion |
|---|---|---|
| 1. | Adrogue HJ,Madias NE. The impact of sodium and potassium on hypertension risk. Semin Nephrol. 2014;34(3):257-72. PMID:25016398. | Study Design |
| 2. | Alderman MH,Cohen H. Lower sodium intake reduces blood pressure in adults and children, but is not associated with a reduced risk of all CVD or all cause mortality. Evid Based Med. 2014;19(1):33-4. PMID:23873817. | Study Design |
| 3. | Allison SJ. Hypertension: Urinary sodium and potassium excretion: association with blood pressure and clinical outcomes. Nat Rev Nephrol. 2014;#volume#(#number#):#pages#. PMID:25157836. | Study Design |
| 4. | Batis C,Gordon-Larsen P,Cole SR,Du S,Zhang B,Popkin B. Sodium intake from various time frames and incident hypertension among Chinese adults. Epidemiology. 2013;24(3):410-8. PMID:23466527. | Country, Unhealthy Subjects |
| 5. | Baudrand R,Campino C,Carvajal CA,Olivieri O,Guidi G,Faccini G,Vohringer PA,Cerda J,Owen G,Kalergis AM,Fardella CE. High sodium intake is associated with increased glucocorticoid production, insulin resistance and metabolic syndrome. Clinical Endocrinology. 2014;80(5):677-684. | Outcome |
| 6. | Bertoia ML,Triche EW,Michaud DS,Baylin A,Hogan JW,Neuhouser ML,Tinker LF,Van Horn L,Waring ME,Li W,Shikany JM,Eaton CB. Mediterranean and Dietary Approaches to Stop Hypertension dietary patterns and risk of sudden cardiac death in postmenopausal women. Am J Clin Nutr. 2014;99(2):344-51. PMID:24351877. | Independent Variable |
| 7. | Bi Z,Liang X,Xu A,Wang L,Shi X,Zhao W,Ma J,Guo X,Zhang X,Zhang J,Ren J,Yan L,Lu Z,Wang H,Tang J,Cai X,Dong J,Zhang J,Chu J,Engelgau M,Yang Q,Hong Y,Wang Y. Hypertension prevalence, awareness, treatment, and control and sodium intake in Shandong Province, China: baseline results from Shandong-Ministry of Health Action on Salt Reduction and Hypertension (SMASH), 2011. Int J Vasc Med. 2014;11(#number#):E88. PMID:24854239. | Study Design, Country |
| 8. | Brown IJ,Dyer AR,Chan Q,Cogswell ME,Ueshima H,Stamler J,Elliott P. Estimating 24-hour urinary sodium excretion from casual urinary sodium concentrations in Western populations: the INTERSALT study. Am J Epidemiol. 2013;177(11):1180-92. PMID:23673246. | Outcome |
| 9. | Cotugna N,Fanelli-Kuczmarski M,Clymer J,Hotchkiss L,Zonderman AB,Evans MK. Sodium intake of special populations in the Healthy Aging in Neighborhoods of Diversity Across the Life Span (HANDLS) study. Prev Med. 2013;57(4):334-8. PMID:23769900. | Study Design, Outcome |
| 10. | Coxson PG,Cook NR,Joffres M,Hong Y,Orenstein D,Schmidt SM,Bibbins-Domingo K. Mortality benefits from US population-wide reduction in sodium consumption: projections from 3 modeling approaches. Hypertension. 2013;61(3):564-70. PMID:23399718. | Study Design, Outcome |
| 11. | Domenech M,Roman P,Lapetra J,Garcia de la Corte FJ,Sala-Vila A,de la Torre R,Corella D,Salas-Salvado | Independent |

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|---|---|---|
| | J,Ruiz-Gutierrez V,Lamuela-Raventos RM,Toledo E,Estruch R,Coca A,Ros E. Mediterranean diet reduces 24-hour ambulatory blood pressure, blood glucose, and lipids: one-year randomized, clinical trial. Hypertension. 2014;64(1):69-76. PMID:24799608. | Variable, Outcome |
| 12. | Donfrancesco C,Ippolito R,Lo Noce C,Palmieri L,Iacone R,Russo O,Vanuzzo D,Galletti F,Galeone D,Giampaoli S,Strazzullo P. Excess dietary sodium and inadequate potassium intake in Italy: results of the MINISAL study. Nutr Metab Cardiovasc Dis. 2013;23(9):850-6. PMID:22835983. | Study Design, Outcome |
| 13. | Franco V. Modest salt intake reduction for 4 weeks or longer decreases blood pressure. Evid Based Nurs. 2014;17(3):92. PMID:24170820. | Study Design |
| 14. | Graudal N,Jurgens G,Baslund B,Alderman MH. Compared with usual sodium intake, low- and excessive-sodium diets are associated with increased mortality: a meta-analysis. Am J Hypertens. 2014;27(9):1129-37. PMID:24651634. | Study Design |
| 15. | Gu D,Zhao Q,Chen J,Chen JC,Huang J,Bazzano LA,Lu F,Mu J,Li J,Cao J,Mills K,Chen CS,Rice T,Hamm LL,He J. Reproducibility of blood pressure responses to dietary sodium and potassium interventions: the GenSalt study. Hypertension. 2013;62(3):499-505. PMID:23897070. | Country |
| 16. | Ha SK. Dietary salt intake and hypertension. Electrolyte Blood Press. 2014;12(1):7-18. PMID:25061468. | Study Design |
| 17. | Haghighatdoost F,Sarrafzadegan N,Khosravi A,Noori F,Boshtam M,Mohammadifard N,Abdollhi Z,Azadbakht L. Is the association between salt intake and blood pressure mediated by body mass index and central adiposity?. Arch Iran Med. 2013;16(3):167-71. PMID:23432169. | Outcome |
| 18. | Jablonski KL,Fedorova OV,Racine ML,Geolfos CJ,Gates PE,Chonchol M,Fleenor BS,Lakatta EG,Bagrov AY,Seals DR. Dietary sodium restriction and association with urinary marinobufagenin, blood pressure, and aortic stiffness. Clin J Am Soc Nephrol. 2013;8(11):1952-9. PMID:23929930. | Outcome |
| 19. | Jablonski KL,Racine ML,Geolfos CJ,Gates PE,Chonchol M,McQueen MB,Seals DR. Dietary sodium restriction reverses vascular endothelial dysfunction in middle-aged/older adults with moderately elevated systolic blood pressure. J Am Coll Cardiol. 2013;61(3):335-43. PMID:23141486. | Outcome |
| 20. | Jun M,Neal B. Low dietary sodium in heart failure: a need for scientific rigour. Heart. 2013;#volume#(#number#):#pages#. PMID:23213171. | Study Design |
| 21. | Konerman MC,Hummel SL. Sodium restriction in heart failure: benefit or harm?. Curr Treat Options Cardiovasc Med. 2014;16(2):286. PMID:24398803. | Study Design |
| 22. | Laffer CL,Elijovich F. Differential predictors of insulin resistance in nondiabetic salt-resistant and salt-sensitive subjects. Hypertension. 2013;61(3):707-15. PMID:23283360. | Outcome |

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| Reference | Excluded Citations | Reason for Exclusion |
|---|---|---|
| 23. | Lee SG,Lee W,Kwon OH,Kim JH. Association of urinary sodium/creatinine ratio and urinary sodium/specific gravity unit ratio with blood pressure and hypertension: KNHANES 2009-2010. Clinica Chimica Acta. 2013;424(#number#):168-173. PMID:#accession number#. | Study Design, Independent Variable |
| 24. | McMahon EJ,Bauer JD,Hawley CM,Isbel NM,Stowasser M,Johnson DW,Campbell KL. A randomized trial of dietary sodium restriction in CKD. J Am Soc Nephrol. 2013;24(12):2096-103. PMID:24204003. | Outcome, Unhealthy Subjects |
| 25. | Mendes Tde A,Goldbaum M,Segri NJ,Barros MB,Cesar CL,Carandina L. Factors associated with the prevalence of hypertension and control practices among elderly residents of Sao Paulo city, Brazil. Cad Saude Publica. 2013;29(11):2275-86. PMID:24233042. | Study Design, Outcome |
| 26. | Mente A,O'Donnell MJ,Rangarajan S,McQueen MJ,Poirier P,Wielgosz A,Morrison H,Li W,Wang X,Di C,Mony P,Devanath A,Rosengren A,Oguz A,Zatonska K,Yusufali AH,Lopez-Jaramillo P,Avezum A,Ismail N,Lanas F,Puoane T,Diaz R,Kelishadi R,Iqbal R,Yusuf R,Chifamba J,Khatib R,Teo K,Yusuf S. Association of urinary sodium and potassium excretion with blood pressure. N Engl J Med. 2014;371(7):601-11. PMID:25119606. | Outcome |
| 27. | Messerli FH,Bangalore S. Dietary salt reduction; further lowering of target lowers blood pressure but may increase risk. Evid Based Med. 2014;19(1):22. PMID:24001453. | Study Design, Outcome |
| 28. | Mezue K. The increasing burden of hypertension in Nigeria - can a dietary salt reduction strategy change the trend?. Perspect Public Health. 2013;#volume#(#number#):#pages#. PMID:24002906. | Study Design |
| 29. | Mozaffarian D,Fahimi S,Singh GM,Micha R,Khatibzadeh S,Engell RE,Lim S,Danaei G,Ezzati M,Powles J. Global sodium consumption and death from cardiovascular causes. N Engl J Med. 2014;371(7):624-34. PMID:25119608. | Study Design |
| 30. | Oh HY,Kim MK,Lee M,Kim YO. Macronutrient composition and sodium intake of diet are associated with risk of metabolic syndrome and hypertension in Korean women. PLoS One. 2013;8(10):e78088. PMID:24205105. | Study Design, Outcome |
| 31. | Poggio R,Gutierrez L,Matta MG,Elorriaga N,Irazola V,Rubinstein A. Daily sodium consumption and CVD mortality in the general population: systematic review and meta-analysis of prospective studies. Public Health Nutr. 2014;#volume#(#number#):1-10. PMID:24848764. | Study Design |
| 32. | Polonia J,Martins L,Pinto F,Nazare J. Prevalence, awareness, treatment and control of hypertension and salt intake in Portugal: changes over a decade. The PHYSA study. J Hypertens. 2014;32(6):1211-21. PMID:24675681. | Study Design, Outcome |
| 33. | Rodrigues SL,Baldo MP,Machado RC,Forechi L,Molina Mdel C,Mill JG. High potassium intake blunts the effect of elevated sodium intake on blood pressure levels. J Am Soc Hypertens. 2014;8(4):232-8. PMID:24524886. | Independent Variable, Outcome |

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|---|---|---|
| 34. | Sakaki M,Tsuchihashi T,Arakawa K,Fukui H,Kameda W,Tominaga M. Long-term variability of urinary salt excretion and blood pressure in hypertensive patients. Hypertens Res. 2014. PMID:25007766. | Unhealthy Subjects |
| 35. | Sampson UKA,Edwards TL,Jahangir E,Munro H,Wariboko M,Wassef MG,Fazio S,Mensah GA,Kabagambe EK,Blot WJ,Lipworth L. Factors associated with the prevalence of hypertension in the southeastern united states insights from 69 211 blacks and whites in the southern community cohort study. Circulation: Cardiovascular Quality and Outcomes. 2014;7(1):33-54. | Independent Variable |
| 36. | Sharma S,McFann K,Chonchol M,Kendrick J. Dietary sodium and potassium intake is not associated with elevated blood pressure in US adults with no prior history of hypertension. J Clin Hypertens (Greenwich). 2014;16(6):418-23. PMID:24720647. | Study Design, Outcome |
| 37. | Singer P,Cohen H,Alderman M. Assessing the Associations of Sodium Intake With Long-Term All-Cause and Cardiovascular Mortality in a Hypertensive Cohort. Am J Hypertens. 2014;#volume#(#number#):#pages#. PMID:25159082. | Unhealthy Subjects |
| 38. | Sison JA. Does dietary salt intake correlate with regional differences in the prevalence of hypertension in the Philippines?. Phillippine Journal of Internal Medicine. 2013;51(4). | Outcome, Country |
| 39. | Song EK,Moser DK,Dunbar SB,Pressler SJ,Lennie TA. Dietary sodium restriction below 2 g per day predicted shorter event-free survival in patients with mild heart failure. Eur J Cardiovasc Nurs. 2013;#volume#(#number#):#pages#. PMID:24366983. | Unhealthy Subjects |
| 40. | Teo K,Mente A. Blood pressure reduction by reducing sodium intake in the population: one shoe fits all?. Curr Opin Cardiol. 2014;29(4):331-5. PMID:25029451. | Study Design |
| 41. | Umesawa M,Kitamura A,Kiyama M,Okada T,Shimizu Y,Imano H,Ohira T,Nakamura M,Maruyama K,Iso H. Association between dietary behavior and risk of hypertension among Japanese male workers. Hypertens Res. 2013;36(4):374-80. PMID:23303292. | Independent Variable, Outcome |
| 42. | Welsh D,Lennie TA,Marcinek R,Biddle MJ,Abshire D,Bentley B,Moser DK. Low-sodium diet self-management intervention in heart failure: pilot study results. Eur J Cardiovasc Nurs. 2013;12(1):87-95. PMID:22492785. | Outcome, Unhealthy Subjects |
| 43. | Westrick SC,Garza KB,Stevenson TL,Oliver WD. Association of blood pressure with sodium-related knowledge and behaviors in adults with hypertension. J Am Pharm Assoc (2003). 2014;54(2):154-8. PMID:24562633. | Study Design, Outcome, Unhealthy Subjects |
| 44. | Whelton PK. Sodium, potassium, blood pressure, and cardiovascular disease in humans. Curr Hypertens Rep. 2014;16(8):465. PMID:24924995. | Study Design |
| 45. | Woodruff SJ,Fryer K,Campbell T,Cole M. Associations among blood pressure, salt consumption and body | Study Design, |

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|---|---|---|
| | weight status of students from south-western Ontario. Public Health Nutr. 2014;17(5):1114-9. PMID:23453007. | Outcome |
| 46. | Yi SS,Kansagra SM. Associations of sodium intake with obesity, body mass index, waist circumference, and weight. American Journal of Preventive Medicine. 2014;46(6):e53-e55. | Study Design |
| 47. | Yu D,Zhang X,Xiang YB,Yang G,Li H,Gao YT,Zheng W,Shu XO. Adherence to dietary guidelines and mortality: A report from prospective cohort studies of 134,000 Chinese adults in urban Shanghai. American Journal of Clinical Nutrition. 2014;100(2):693-700. | Independent Variable, Country |
| 48. | Zhang Z,Cogswell ME,Gillespie C,Fang J,Loustalot F,Dai S,Carriquiry AL,Kuklina EV,Hong Y,Merritt R,Yang Q. Association between usual sodium and potassium intake and blood pressure and hypertension among U.S. adults: NHANES 2005-2010. PLoS One. 2013;8(10):e75289. PMID:24130700. | Study Design, Outcome |
| 49. | Zhao Q,Gu D,Chen J,Li J,Cao J,Lu F,Guo D,Wang R,Shen J,Chen J,Chen CS,Mills KT,Schwander K,Rao DC,He J. Blood pressure responses to dietary sodium and potassium interventions and the cold pressor test: the GenSalt replication study in rural North China. Am J Hypertens. 2014;27(1):72-80. PMID:24004934. | Outcome |
| 50. | Zhao X,Yang X,Zhang X,Li Y,Zhao X,Ren L,Wang L,Gu C,Zhu Z,Han Y. Dietary Salt Intake and Coronary Atherosclerosis in Patients With Prehypertension. Journal of Clinical Hypertension. 2014;16(8):575-580. | Country |
| 51. | Zhou B,Wang HL,Wang WL,Wu XM,Fu LY,Shi JP. Long-term effects of salt substitution on blood pressure in a rural north Chinese population. J Hum Hypertens. 2013;27(7):427-33. PMID:23254595. | Country |