Excluded Articles: Dietary Patterns and Bone Health

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

	Excluded Citations	Reason for Exclusion
1.	Jr. Jacobs DR,Hohe C,Mursu J,Robien K,Folsom AR. Whole grain intake, incident hip fracture and presumed frailty in the Iowa Women's Health Study. Br J Nutr. 2010. 104:1537-43. PMID:20569526.	Independent Variable
2.	Alissa EM,Qadi SG,Alhujaili NA,Alshehri AM,Ferns GA. Effect of diet and lifestyle factors on bone health in postmenopausal women. J Bone Miner Metab. 2011. 29:725-35. PMID:21594583.	Independent Variable, Outcomes
3.	Angus RM,Sambrook PN,Pocock NA,Eisman JA. Dietary intake and bone mineral density. Bone Miner. 1988. 4:265-77. PMID:3191284.	Independent Variable, Unhealthy Subjects
4.	Appleby P,Roddam A,Allen N,Key T. Comparative fracture risk in vegetarians and nonvegetarians in EPIC-Oxford. Eur J Clin Nutr. 2007. 61:1400-6. PMID:17299475.	Study Design
5.	Baran D,Sorensen A,Grimes J,Lew R,Karellas A,Johnson B,Roche J. Dietary modification with dairy products for preventing vertebral bone loss in premenopausal women: a three-year prospective study. J Clin Endocrinol Metab. 1990. 70:264-70. PMID:2294135.	Independent Variable
6.	Barr SI,Prior JC,Janelle KC,Lentle BC. Spinal bone mineral density in premenopausal vegetarian and nonvegetarian women: cross-sectional and prospective comparisons. J Am Diet Assoc. 1998. 98:760-5. PMID:9664916.	Independent Variable
7.	Beasley JM,Ichikawa LE,Ange BA,Spangler L,LaCroix AZ,Ott SM,Scholes D. Is protein intake associated with bone mineral density in young women?. Am J Clin Nutr. 2010. 91:1311-6. PMID:20219968.	Study Design
8.	Benetou V,Orfanos P,Zylis D,Sieri S,Contiero P,Tumino R,Giurdanella MC,Peeters PH,Linseisen J,Nieters A,Boeing H,Weikert C,Pettersson U,Johansson I,Bueno-de-Mesquita HB,Dorronsoro M,Boffetta P,Trichopoulou A. Diet and hip fractures among elderly Europeans in the EPIC cohort. Eur J Clin Nutr. 2011. 65:132-9. PMID:20948558.	Study Design

Excluded Articles: Dietary Patterns and Bone Health

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

	Excluded Citations	Reason for Exclusion
9.	Bhupathiraju SN,Lichtenstein AH,Dawson-Hughes B,Hannan MT,Tucker KL. Adherence to the 2006 American Heart Association Diet and Lifestyle Recommendations for cardiovascular disease risk reduction is associated with bone health in older Puerto Ricans. Am J Clin Nutr. 2013. 98:1309-16. PMID:24047918.	Country
10.	Bishop NJ,Dahlenburg SL,Fewtrell MS,Morley R,Lucas A. Early diet of preterm infants and bone mineralization at age five years. Acta Paediatr. 1996. 85:230-6. PMID:8640056. University Department of Paediatrics, Cambridge, UK..	Study Design
11.	Bobic J,Cvijetic S,Baric IC,Satalic Z. Personality traits, motivation and bone health in vegetarians. Coll Antropol. 2012. 36:795-800. PMID:23213935.	Independent Variable, Country
12.	Bonjour JP,Carrie AL,Ferrari S,Clavien H,Slosman D,Theintz G,Rizzoli R. Calcium-enriched foods and bone mass growth in prepubertal girls: a randomized, double-blind, placebo-controlled trial. J Clin Invest. 1997. 99:1287-94. PMID:9077538.	Study Design
13.	Borody WL,Brown TE,Boroditsky RS. Dietary fat and calcium intakes of menopausal women. Menopause. 1998. 5:230-5. PMID:9872490.	Independent Variable
14.	Bounds W,Skinner J,Carruth BR,Ziegler P. The relationship of dietary and lifestyle factors to bone mineral indexes in children. J Am Diet Assoc. 2005. 105:735-41. PMID:15883550.	Study Design, Independent Variable
15.	Brown RC,Cox CM,Goulding A. High-carbohydrate versus high-fat diets: effect on body composition in trained cyclists. Med Sci Sports Exerc. 2000. 32:690-4. PMID:10731014.	Study Design
16.	Budek AZ,Hoppe C,Michaelsen KF,Bugel S,Molgaard C. Associations of total, dairy, and meat protein with markers for bone turnover in healthy, prepubertal boys. J Nutr. 2007. 137:930-4. PMID:17374656.	Study Design
17.	Budek AZ,Hoppe C,Michaelsen KF,Molgaard C. High intake of milk, but not meat, decreases bone turnover in	Outcomes

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

	Excluded Citations	Reason for Exclusion
	prepubertal boys after 7 days. Eur J Clin Nutr. 2007. 61:957-62. PMID:17228345.	
18.	Burckhardt P,Wynn E,Krieg MA,Bagutti C,Faouzi M. The effects of nutrition, puberty and dancing on bone density in adolescent ballet dancers. J Dance Med Sci. 2011. 15:51-60. PMID:21703093.	Study Design
19.	Cadogan J,Eastell R,Jones N,Barker ME. Milk intake and bone mineral acquisition in adolescent girls: randomised, controlled intervention trial. BMJ. 1997. 315:1255-60. PMID:9390050.	Study Design
20.	Calderon-Garcia JF,Moran JM,Roncero-Martin R,Rey-Sanchez P,Rodriguez-Velasco FJ,Pedrera-Zamorano JD. Dietary habits, nutrients and bone mass in Spanish premenopausal women: the contribution of fish to better bone health. Nutrients. 2013. 5:10-22. PMID:23271510.	Independent Variable, Outcomes
21.	Campbell WW,Tang M. Protein intake, weight loss, and bone mineral density in postmenopausal women. J Gerontol A Biol Sci Med Sci. 2010. 65:1115-22. PMID:20605872.	Study Design
22.	Cao JJ,Johnson LK,Hunt JR. A diet high in meat protein and potential renal acid load increases fractional calcium absorption and urinary calcium excretion without affecting markers of bone resorption or formation in postmenopausal women. J Nutr. 2011. 141:391-7. PMID:21248199.	Study Design
23.	Carbone LD,Barrow KD,Bush AJ,Boatright MD,Michelson JA,Pitts KA,Pintea VN,Kang AH,Watsky MA. Effects of a low sodium diet on bone metabolism. J Bone Miner Metab. 2005. 23:506-13. PMID:16261460.	Study Design, Independent Variable
24.	Carlsson P,Tidermark J,Ponzer S,Soderqvist A,Cederholm T. Food habits and appetite of elderly women at the time of a femoral neck fracture and after nutritional and anabolic support. J Hum Nutr Diet. 2005. 18:117-20. PMID:15788020.	Study Design
25.	Carter JD,Vasey FB,Valeriano J. The effect of a low-carbohydrate diet on bone turnover. Osteoporos Int. 2006. 17:1398-403. PMID:16718399.	Independent Variable

Excluded Articles: Dietary Patterns and Bone Health

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

	Excluded Citations	Reason for Exclusion
26.	Chan R,Chan D,Woo J. Associations between dietary patterns and demographics, lifestyle, anthropometry and blood pressure in Chinese community-dwelling older men and women. Journal of Nutritional Science. 2012.	Study Design
27.	Chan R,Chan D,Woo J. The association of a priori and a posterior dietary patterns with the risk of incident stroke in Chinese older people in Hong Kong. J Nutr Health Aging. 2013. 17:866-74. PMID:24257570.	Study Design
28.	Chan R,Woo J,Lau W,Leung J,Xu L,Zhao X,Yu W,Lau E,Pocock N. Effects of lifestyle and diet on bone health in young adult Chinese women living in Hong Kong and Beijing. Food Nutr Bull. 2009. 30:370-8. PMID:20496627.	Study Design
29.	Chan R,Woo J,Leung J. Effects of food groups and dietary nutrients on bone loss in elderly Chinese population. J Nutr Health Aging. 2011. 15:287-94. PMID:21437561.	Study Design, Independent Variable
30.	Chanda S,Islam MN,Pramanik P,Mitra C. High-lipid diet intake is a possible predisposing factor in the development of hypogonadal osteoporosis. Jpn J Physiol. 1996. 46:383-8. PMID:9048216.	Independent Variable
31.	Chen YM,Ho SC,Lam SS. Higher sea fish intake is associated with greater bone mass and lower osteoporosis risk in postmenopausal Chinese women. Osteoporos Int. 2010. 21:939-46. PMID:19657688.	Independent Variable
32.	Chen YM,Ho SC,Woo JL. Greater fruit and vegetable intake is associated with increased bone mass among postmenopausal Chinese women. Br J Nutr. 2006. 96:745-51. PMID:17010235.	Independent Variable, Country
33.	Chiechi LM,Secreto G,D'Amore M,Fanelli M,Venturelli E,Cantatore F,Valerio T,Laselva G,Loizzi P. Efficacy of a soy rich diet in preventing postmenopausal osteoporosis: the Menfis randomized trial. Maturitas. 2002. 42:295-300. PMID:12191852.	Study Design
34.	Chiu JF,Lan SJ,Yang CY,Wang PW,Yao WJ,Su LH,Hsieh CC. Long-term vegetarian diet and bone mineral density in postmenopausal Taiwanese women. Calcif Tissue Int. 1997. 60:245-9. PMID:9069160.	Study Design, Independent Variable
35.	Choi MJ,Park EJ,Jo HJ. Relationship of nutrient intakes and bone mineral density of elderly women in Daegu,	Study Design

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

	Excluded Citations	Reason for Exclusion
	Korea. Nutr Res Pract. 2007. 1:328-34. PMID:20368958.	
36.	Coaccioli S,Ponteggia M,Ponteggia F,Fatati G,Di Gianvito A,Puxeddu A. Osteoporosis prevention: a reasoned examination of food habits and physical activities in a schoolchildren population in central Italy. Clin Ter. 2006. 157:489-94. PMID:17228847.	Study Design, Independent Variable
37.	Cole ZA,Gale CR,Javaid MK,Robinson SM,Law C,Boucher BJ,Crozier SR,Godfrey KM,Dennison EM,Cooper C. Maternal dietary patterns during pregnancy and childhood bone mass: a longitudinal study. J Bone Miner Res. 2009. 24:663-8. PMID:19049331.	Study Design
38.	Curtis JA,Kooh SW,Fraser D,Greenberg ML. Nutritional rickets in vegetarian children. Can Med Assoc J. 1983. 128:150-2. PMID:6848159.	Study Design, Independent Variable
39.	Dargent-Molina P,Sabia S,Touvier M,Kesse E,Breart G,Clavel-Chapelon F,Boutron-Ruault MC. Proteins, dietary acid load, and calcium and risk of postmenopausal fractures in the E3N French women prospective study. J Bone Miner Res. 2008. 23:1915-22. PMID:18665794.	Study Design
40.	Davidovits M,Levy Y,Avramovitz T,Eisenstein B. Calcium-deficiency rickets in a four-year-old boy with milk allergy. J Pediatr. 1993. 122:249-51. PMID:8429441.	Independent Variable
41.	Davis JW,Novotny R,Ross PD,Wasnich RD. Anthropometric, lifestyle and menstrual factors influencing size-adjusted bone mineral content in a multiethnic population of premenopausal women. J Nutr. 1996. 126:2968-76. PMID:9001363.	Study Design, Independent Variable
42.	Dawson-Hughes B,Harris SS. Calcium intake influences the association of protein intake with rates of bone loss in elderly men and women. Am J Clin Nutr. 2002. 75:773-9. PMID:11916767.	Study Design, Independent Variable
43.	Devine A,Dick IM,Islam AF,Dhaliwal SS,Prince RL. Protein consumption is an important predictor of lower limb	Independent Variable, Unhealthy

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	Excluded Citations	Reason for Exclusion
	bone mass in elderly women. Am J Clin Nutr. 2005. 81:1423-8. PMID:15941897.	Subjects
44.	Dorgan JF,Liu L,Klifa C,Hylton N,Shepherd JA,Stanczyk FZ,Snetselaar LG,Van Horn L,Stevens VJ,Robson A, Jr. Kwiterovich PO,Lasser NL,Himes JH,Pettee Gabriel K,Kriska A,Ruder EH,Fang CY,Barton BA. Adolescent diet and subsequent serum hormones, breast density, and bone mineral density in young women: results of the Dietary Intervention Study in Children follow-up study. Cancer Epidemiol Biomarkers Prev. 2010. 19:1545-56. PMID:20501774.	Independent Variable
45.	Du XQ,Greenfield H,Fraser DR,Ge KY,Liu ZH,He W. Milk consumption and bone mineral content in Chinese adolescent girls. Bone. 2002. 30:521-8. PMID:11882468.	Study Design
46.	Dunnigan MG,Henderson JB,Hole DJ,Barbara Mawer E,Berry JL. Meat consumption reduces the risk of nutritional rickets and osteomalacia. Br J Nutr. 2005. 94:983-91. PMID:16351777.	Independent Variable
47.	Duran de Campos C,Dalcanale L,Pajecki D, Jr. Garrido AB,Halpern A. Calcium intake and metabolic bone disease after eight years of Roux-en-Y gastric bypass. Obes Surg. 2008. 18:386-90. PMID:18236122.	Study Design
48.	Earnshaw SA,Worley A,Hosking DJ. Current diet does not relate to bone mineral density after the menopause. The Nottingham Early Postmenopausal Intervention Cohort (EPIC) Study Group. Br J Nutr. 1997. 78:65-72. PMID:9292760.	Study Design
49.	Ebrahimof S,Hoshiarrad A,Hossein-Nezhad A,Larijani B,Kimiagar SM. Effects of increasing fruit and vegetable intake on bone turnover in postmenopausal osteopenic women. Daru. 2009. 17:30-37.	Independent Variable
50.	Egami I,Wakai K,Kunitomo H,Tamakoshi A,Ando M,Nakayama T,Ohno Y. Associations of lifestyle factors with bone mineral density among male university students in Japan. J Epidemiol. 2003. 13:48-55. PMID:12587613.	Independent Variable
51.	Eriksson S,Mellstrom D,Strandvik B. Fatty acid pattern in serum is associated with bone mineralisation in healthy 8-	Study Design

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	Excluded Citations	Reason for Exclusion
	year-old children. Br J Nutr. 2009. 102:407-12. PMID:19175947.	
52.	Esterle L,Sabatier JP,Guillon-Metz F,Walrant-Debray O,Guaydier-Souquieres G,Jehan F,Garabedian M. Milk, rather than other foods, is associated with vertebral bone mass and circulating IGF-1 in female adolescents. Osteoporos Int. 2009. 20:567-75. PMID:18704544.	Independent Variable
53.	Fairweather-Tait SJ,Skinner J,Guile GR,Cassidy A,Spector TD,MacGregor AJ. Diet and bone mineral density study in postmenopausal women from the TwinsUK registry shows a negative association with a traditional English dietary pattern and a positive association with wine. Am J Clin Nutr. 2011. 94:1371-5. PMID:21940596.	Country
54.	Farina EK,Kiel DP,Roubenoff R,Schaefer EJ,Cupples LA,Tucker KL. Protective effects of fish intake and interactive effects of long-chain polyunsaturated fatty acid intakes on hip bone mineral density in older adults: the Framingham Osteoporosis Study. Am J Clin Nutr. 2011. 93:1142-51. PMID:21367955.	Study Design
55.	Fehily AM,Coles RJ,Evans WD,Elwood PC. Factors affecting bone density in young adults. Am J Clin Nutr. 1992. 56:579-86. PMID:1503072.	Study Design
56.	Fernandez-Real JM,Bullo M,Moreno-Navarrete JM,Ricart W,Ros E,Estruch R,Salas-Salvado J. A Mediterranean diet enriched with olive oil is associated with higher serum total osteocalcin levels in elderly men at high cardiovascular risk. J Clin Endocrinol Metab. 2012. 97:3792-8. PMID:22855341.	Study Design
57.	Feskanich D,Bischoff-Ferrari HA,Frazier AL,Willett WC. Milk consumption during teenage years and risk of hip fractures in older adults. JAMA Pediatr. 2014. 168:54-60. PMID:24247817.	Independent Variable
58.	Feskanich D,Willett WC,Colditz GA. Calcium, vitamin D, milk consumption, and hip fractures: a prospective study among postmenopausal women. Am J Clin Nutr. 2003. 77:504-11. PMID:12540414.	Independent Variable
59.	Feskanich D,Willett WC,Stampfer MJ,Colditz GA. Milk, dietary calcium, and bone fractures in women: a 12-year	Independent Variable

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

	Excluded Citations	Reason for Exclusion
	prospective study. Am J Public Health. 1997. 87:992-7. PMID:9224182.	
60.	Feskanich D,Willett WC,Stampfer MJ,Colditz GA. Protein consumption and bone fractures in women. Am J Epidemiol. 1996. 143:472-9. PMID:8610662.	Study Design, Independent Variable
61.	Fewtrell MS,Williams JE,Singhal A,Murgatroyd PR,Fuller N,Lucas A. Early diet and peak bone mass: 20 year follow-up of a randomized trial of early diet in infants born preterm. Bone. 2009. 45:142-9. PMID:19306955.	Study Design, Independent Variable
62.	Filip RS,Zagorski J. Osteoporosis risk factors in rural and urban women from the Lublin Region of Poland. Ann Agric Environ Med. 2005. 12:21-6. PMID:16028861.	Independent Variable
63.	Fontana L,Shew JL,Holloszy JO,Villareal DT. Low bone mass in subjects on a long-term raw vegetarian diet. Arch Intern Med. 2005. 165:684-9. PMID:15795346.	Study Design
64.	Foo LH,Zhang Q,Zhu K,Ma G,Greenfield H,Fraser DR. Influence of body composition, muscle strength, diet and physical activity on total body and forearm bone mass in Chinese adolescent girls. Br J Nutr. 2007. 98:1281-7. PMID:17640423.	Independent Variable
65.	Franceschi S,Schinella D,Bidoli E,Dal Maso L,La Vecchia C,Parazzini F,Zecchin R. The influence of body size, smoking, and diet on bone density in pre- and postmenopausal women. Epidemiology. 1996. 7:411-4. PMID:8793368.	Study Design
66.	Frassetto LA,Todd KM, Jr. Morris RC,Sebastian A. Worldwide incidence of hip fracture in elderly women: relation to consumption of animal and vegetable foods. J Gerontol A Biol Sci Med Sci. 2000. 55:M585-92. PMID:11034231.	Study Design, Independent Variable
67.	Freudenheim JL,Johnson NE,Smith EL. Relationships between usual nutrient intake and bone-mineral content of women 35-65 years of age: longitudinal and cross-sectional analysis. Am J Clin Nutr. 1986. 44:863-76. PMID:3491533.	Study Design

Excluded Articles: Dietary Patterns and Bone Health

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

	Excluded Citations	Reason for Exclusion
68.	Fu P,Zhang H,Siew SM,Wang SQ,Xue A,Hsu-Hage BH,Wahlqvist ML,Wang YF,Li XX. Food intake patterns in urban Beijing Chinese. Asia Pac J Clin Nutr. 1998. 7:117-22. PMID:24393637.	Study Design
69.	Fujii H,Noda T,Sairenchi T,Muto T. Daily intake of green and yellow vegetables is effective for maintaining bone mass in young women. Tohoku J Exp Med. 2009. 218:149-54. PMID:19478471.	Unhealthy Subjects
70.	Ganpule A,Yajnik CS,Fall CH,Rao S,Fisher DJ,Kanade A,Cooper C,Naik S,Joshi N,Lubree H,Deshpande V,Joglekar C. Bone mass in Indian children--relationships to maternal nutritional status and diet during pregnancy: the Pune Maternal Nutrition Study. J Clin Endocrinol Metab. 2006. 91:2994-3001. PMID:16735496.	Study Design
71.	Geinoz G,Rapin CH,Rizzoli R,Kraemer R,Buchs B,Slosman D,Michel JP,Bonjour JP. Relationship between bone mineral density and dietary intakes in the elderly. Osteoporos Int. 1993. 3:242-8. PMID:8400605.	Study Design, Independent Variable
72.	George BO,Alalade-Ajayi O. Dietary intake and bone density measurements of peasant farmers. Nutrition Research. 1992. 12:801-813.	Independent Variable, Outcomes
73.	Giaconi JA,Yu F,Stone KL,Pedula KL,Ensrud KE,Cauley JA,Hochberg MC,Coleman AL,Study of Osteoporotic Fractures Research G. The association of consumption of fruits/vegetables with decreased risk of glaucoma among older African-American women in the study of osteoporotic fractures. Am J Ophthalmol. 2012. 154:635-44. PMID:22818906.	Study Design
74.	Gunn CA,Weber JL,Coad J,Kruger MC. Increasing fruits and vegetables in midlife women: a feasibility study. Nutr Res. 2013. 33:543-51. PMID:23827128.	Independent Variable
75.	Gunnes M,Lehmann EH. Dietary calcium, saturated fat, fiber and vitamin C as predictors of forearm cortical and trabecular bone mineral density in healthy children and adolescents. Acta Paediatr. 1995. 84:388-92. PMID:7795347.	Study Design, Independent Variable

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	Excluded Citations	Reason for Exclusion
76.	Hagino H,Fujiwara S,Nakashima E,Nanjo Y,Teshima R. Case-control study of risk factors for fractures of the distal radius and proximal humerus among the Japanese population. Osteoporos Int. 2004. 15:226-30. PMID:14730420.	Outcomes
77.	Hamidi M,Tarasuk V,Corey P,Cheung AM. Association between the Healthy Eating Index and bone turnover markers in US postmenopausal women aged >/=45 y. Am J Clin Nutr. 2011. 94:199-208. PMID:21562084.	Study Design
78.	Hardcastle AC,Aucott L,Fraser WD,Reid DM,Macdonald HM. Dietary patterns, bone resorption and bone mineral density in early post-menopausal Scottish women. Eur J Clin Nutr. 2011. 65:378-85. PMID:21179049.	Study Design
79.	Heaney RP,McCarron DA,Dawson-Hughes B,Oparil S,Berga SL,Stern JS,Barr SI,Rosen CJ. Dietary changes favorably affect bone remodeling in older adults. J Am Diet Assoc. 1999. 99:1228-33. PMID:10524386.	Study Design, Independent Variable
80.	Henderson JB,Dunnigan MG,McIntosh WB,Abdul-Motaal AA,Gettinby G,Glekin BM. The importance of limited exposure to ultraviolet radiation and dietary factors in the aetiology of Asian rickets: a risk-factor model. Q J Med. 1987. 63:413-25. PMID:3659260.	Independent Variable
81.	Heppe DH,Medina-Gomez C,Hofman A,Franco OH,Rivadeneira F,Jaddoe VW. Maternal first-trimester diet and childhood bone mass: the Generation R Study. Am J Clin Nutr. 2013. 98:224-32. PMID:23719545.	Independent Variable
82.	Hinton PS,Rector RS,Donnelly JE,Smith BK,Bailey B. Total body bone mineral content and density during weight loss and maintenance on a low- or recommended-dairy weight-maintenance diet in obese men and women. Eur J Clin Nutr. 2010. 64:392-9. PMID:20068585.	Independent Variable
83.	Hirota T,Nara M,Ohguri M,Manago E,Hirota K. Effect of diet and lifestyle on bone mass in Asian young women. Am J Clin Nutr. 1992. 55:1168-73. PMID:1595590.	Independent Variable
84.	Ho-Pham LT,Vu BQ,Lai TQ,Nguyen ND,Nguyen TV. Vegetarianism, bone loss, fracture and vitamin D: a longitudinal study in Asian vegans and non-vegans. Eur J Clin Nutr. 2012. 66:75-82. PMID:21811293.	Independent Variable

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	Excluded Citations	Reason for Exclusion
85.	Hoy T,Fisher M,Barber B,Borker R,Stolshek B,Goodman W. Adherence to K/DOQI practice guidelines for bone metabolism and disease. Am J Manag Care. 2007. 13:620-5. PMID:17988187.	Study Design
86.	Hunt IF,Murphy NJ,Henderson C,Clark VA,Jacobs RM,Johnston PK,Coulson AH. Bone mineral content in postmenopausal women: comparison of omnivores and vegetarians. Am J Clin Nutr. 1989. 50:517-23. PMID:2773831.	Independent Variable
87.	Hunt IF,Murphy NJ,Henderson C. Food and nutrient intake of Seventh-day Adventist women. Am J Clin Nutr. 1988. 48:850-1. PMID:3414593.	Independent Variable
88.	Ilich JZ,Brownbill RA,Tamborini L. Bone and nutrition in elderly women: protein, energy, and calcium as main determinants of bone mineral density. Eur J Clin Nutr. 2003. 57:554-65. PMID:12700617.	Independent Variable
89.	Ito S,Ishida H,Uenishi K,Murakami K,Sasaki S. The relationship between habitual dietary phosphorus and calcium intake, and bone mineral density in young Japanese women: a cross-sectional study. Asia Pac J Clin Nutr. 2011. 20:411-7. PMID:21859660.	Study Design
90.	Jaime PC,Latorre Mdo R,Florindo AA,Tanaka T,Zerbini CA. Dietary intake of Brazilian black and white men and its relationship to the bone mineral density of the femoral neck. Sao Paulo Med J. 2006. 124:267-70. PMID:17262157.	Study Design, Independent Variable
91.	Jones G,Riley MD,Dwyer T. Maternal diet during pregnancy is associated with bone mineral density in children: a longitudinal study. Eur J Clin Nutr. 2000. 54:749-56. PMID:11083482.	Study Design, Independent Variable
92.	Josse AR,Atkinson SA,Tarnopolsky MA,Phillips SM. Diets higher in dairy foods and dietary protein support bone health during diet- and exercise-induced weight loss in overweight and obese premenopausal women. J Clin Endocrinol Metab. 2012. 97:251-60. PMID:22049177.	Independent Variable
93.	Kalkwarf HJ,Khoury JC,Lanphear BP. Milk intake during childhood and adolescence, adult bone density, and	Study Design

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	Excluded Citations	Reason for Exclusion
	osteoporotic fractures in US women. Am J Clin Nutr. 2003. 77:257-65. PMID:12499350.	
94.	Kaptoge S,Welch A,McTaggart A,Mulligan A,Dalzell N,Day NE,Bingham S,Khaw KT,Reeve J. Effects of dietary nutrients and food groups on bone loss from the proximal femur in men and women in the 7th and 8th decades of age. Osteoporos Int. 2003. 14:418-28. PMID:12730762.	Independent Variable
95.	Karamati M,Jessri M,Shariati-Bafghi SE,Rashidkhani B. Dietary patterns in relation to bone mineral density among menopausal Iranian women. Calcif Tissue Int. 2012. 91:40-9. PMID:22644320.	Study Design, Independent Variable
96.	Kato I,Toniolo P,Zeleniuch-Jacquotte A,Shore RE,Koenig KL,Akhmedkhanov A,Riboli E. Diet, smoking and anthropometric indices and postmenopausal bone fractures: a prospective study. Int J Epidemiol. 2000. 29:85-92. PMID:10750608.	Independent Variable
97.	Kaur M. Prevalence and Associated Risk Factors of Osteoporosis in Post-Menopausal Women in North India. Malays J Nutr. 2013. 19:285-292. PMID:2012528119. Language: English. Entry Date: 20140411.	Study Design
98.	Kenny AM,Mangano KM,Abourizk RH,Bruno RS,Anamani DE,Kleppinger A,Walsh SJ,Prestwood KM,Kerstetter JE. Soy proteins and isoflavones affect bone mineral density in older women: a randomized controlled trial. Am J Clin Nutr. 2009. 90:234-42. PMID:19474141.	Independent Variable
99.	Keramat A,Patwardhan B,Larijani B,Chopra A,Mithal A,Chakravarty D,Adibi H,Khosravi A. The assessment of osteoporosis risk factors in Iranian women compared with Indian women. BMC Musculoskelet Disord. 2008. 9:28. PMID:18304358.	Study Design
100.	Kerstetter JE,Mitnick ME,Gundberg CM,Caseria DM,Ellison AF,Carpenter TO,Insogna KL. Changes in bone turnover in young women consuming different levels of dietary protein. J Clin Endocrinol Metab. 1999. 84:1052-5. PMID:10084594.	Study Design

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

	Excluded Citations	Reason for Exclusion
101.	Key TJ,Appleby PN,Spencer EA,Roddam AW,Neale RE,Allen NE. Calcium, diet and fracture risk: a prospective study of 1898 incident fractures among 34 696 British women and men. Public Health Nutr. 2007. 10:1314-20. PMID:17381900..	Study Design, Independent Variable
102.	Kim J,Lim SY,Kim JH. Nutrient intake risk factors of osteoporosis in postmenopausal women. Asia Pac J Clin Nutr. 2008. 17:270-5. PMID:18586647.	Study Design
103.	Kim MH,Choi MK,Sung CJ. Bone mineral density of Korean postmenopausal women is similar between vegetarians and nonvegetarians. Nutrition Research. 2007. 27:612-617.	Independent Variable
104.	Kin K,Lee JH,Kushida K,Sartoris DJ,Ohmura A,Clopton PL,Inoue T. Bone density and body composition on the Pacific rim: a comparison between Japan-born and U.S.-born Japanese-American women. J Bone Miner Res. 1993. 8:861-9. PMID:8352068.	Independent Variable
105.	Kirchner EM,Lewis RD,O'Connor PJ. Bone mineral density and dietary intake of female college gymnasts. Med Sci Sports Exerc. 1995. 27:543-9. PMID:7791585.	Study Design, Outcomes
106.	Kontogianni MD,Melistas L,Yannakoulia M,Malagaris I,Panagiotakos DB,Yiannakouris N. Association between dietary patterns and indices of bone mass in a sample of Mediterranean women. Nutrition. 2009. 25:165-71. PMID:18849146.	Study Design, Independent Variable
107.	Kreiger N,Gross A,Hunter G. Dietary factors and fracture in postmenopausal women: a case-control study. Int J Epidemiol. 1992. 21:953-8. PMID:1468859.	Study Design
108.	Krivosikova Z,Krajcovicova-Kudlackova M,Spustova V,Stefikova K,Valachovicova M,Blazicek P,Nemcova T. The association between high plasma homocysteine levels and lower bone mineral density in Slovak women: the impact of vegetarian diet. Eur J Nutr. 2010. 49:147-53. PMID:19809862.	Study Design, Independent Variable

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

	Excluded Citations	Reason for Exclusion
109.	Lee M,Chae SW,Cha YS,Cho MS,Oh HY,Kim MK. Development of a Korean Diet Score (KDS) and its application assessing adherence to Korean healthy diet based on the Korean Food Guide Wheels. Nutr Res Pract. 2013. 7:49-58. PMID:23424060.	Study Design, Independent Variable
110.	Li JJ,Huang ZW,Wang RQ,Ma XM,Zhang ZQ,Liu Z,Chen YM,Su YX. Fruit and vegetable intake and bone mass in Chinese adolescents, young and postmenopausal women. Public Health Nutr. 2013. 16:78-86. PMID:22717072.	Study Design
111.	Li SJ,Paik HY,Joung H. Dietary patterns are associated with sexual maturation in Korean children. Br J Nutr. 2006. 95:817-23. PMID:16571162.	Independent Variable
112.	Li Vecchi V,Soresi M,Giannitrapani L,Mazzola G,La Sala S,Tramuto F,Caruso G,Colomba C,Mansueto P,Madonia S,Montalto G,Di Carlo P. Dairy calcium intake and lifestyle risk factors for bone loss in hiv-infected and uninfected Mediterranean subjects. BMC Infect Dis. 2012. 12:192. PMID:22894751.	Study Design
113.	Lin PH,Ginty F,Appel LJ,Aickin M,Bohannon A,Garnero P,Barclay D,Svetkey LP. The DASH diet and sodium reduction improve markers of bone turnover and calcium metabolism in adults. J Nutr. 2003. 133:3130-6. PMID:14519796.	Study Design
114.	Lloyd T,Buchanan JR,Bitzer S,Waldman CJ,Myers C,Ford BG. Interrelationships of diet, athletic activity, menstrual status, and bone density in collegiate women. Am J Clin Nutr. 1987. 46:681-4. PMID:3661482.	Study Design
115.	Lloyd T,Schaeffer JM,Walker MA,Demers LM. Urinary hormonal concentrations and spinal bone densities of premenopausal vegetarian and nonvegetarian women. Am J Clin Nutr. 1991. 54:1005-10. PMID:1957814.	Study Design
116.	Lotters FJ,Lenoir-Wijnkoop I,Fardellone P,Rizzoli R,Rocher E,Poley MJ. Dairy foods and osteoporosis: an example of assessing the health-economic impact of food products. Osteoporos Int. 2013. 24:139-50. PMID:22707061.	Study Design
117.	Lucey AJ,Paschos GK,Cashman KD,Martinez JA,Thorsdottir I,Kiely M. Influence of moderate energy restriction and seafood consumption on bone turnover in overweight young adults. Am J Clin Nutr. 2008. 87:1045-52.	Study Design

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

	Excluded Citations	Reason for Exclusion
	PMID:18400730.	
118.	Lunt M,Masaryk P,Scheidt-Nave C,Nijs J,Poor G,Pols H,Falch JA,Hammermeister G,Reid DM,Benevolenskaya L,Weber K,Cannata J,O'Neill TW,Felsenberg D,Silman AJ,Reeve J. The effects of lifestyle, dietary dairy intake and diabetes on bone density and vertebral deformity prevalence: the EVOS study. Osteoporos Int. 2001. 12:688-98. PMID:11580083.	Study Design
119.	Lutz J. Bone mineral, serum calcium, and dietary intakes of mother/daughter pairs. Am J Clin Nutr. 1986. 44:99-106. PMID:3728353.	Study Design
120.	Lydeking-Olsen E,Beck-Jensen JE,Setchell KD,Holm-Jensen T. Soymilk or progesterone for prevention of bone loss--a 2 year randomized, placebo-controlled trial. Eur J Nutr. 2004. 43:246-57. PMID:15309425.	Study Design
121.	Macdonald HM,New SA,Golden MH,Campbell MK,Reid DM. Nutritional associations with bone loss during the menopausal transition: evidence of a beneficial effect of calcium, alcohol, and fruit and vegetable nutrients and of a detrimental effect of fatty acids. Am J Clin Nutr. 2004. 79:155-65. PMID:14684412.	Independent Variable
122.	Manios Y,Moschonis G,Katsaroli I,Grammatikaki E,Tanagra S. Changes in diet quality score, macro- and micronutrients intake following a nutrition education intervention in postmenopausal women. J Hum Nutr Diet. 2007. 20:126-31. PMID:17374025.	Study Design
123.	Manios Y,Moschonis G,Koutsikas K,Papoutsou S,Petraki I,Bellou E,Naoumi A,Kostea S,Tanagra S. Changes in body composition following a dietary and lifestyle intervention trial: the postmenopausal health study. Maturitas. 2009. 62:58-65. PMID:19118956.	Independent Variable
124.	Marsh AG,Sanchez TV,Chaffee FL,Mayor GH,Mickelsen O. Bone mineral mass in adult lacto-ovo-vegetarian and omnivorous males. Am J Clin Nutr. 1983. 37:453-6. PMID:6687507.	Study Design, Independent Variable

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

	Excluded Citations	Reason for Exclusion
125.	Marsh AG,Sanchez TV,Midkelsen O,Keiser J,Mayor G. Cortical bone density of adult lacto-ovo-vegetarian and omnivorous women. J Am Diet Assoc. 1980. 76:148-51. PMID:7391450.	Independent Variable
126.	Martinez-Ramirez MJ,Delgado-Martinez AD,Ruiz-Bailen M,de la Fuente C,Martinez-Gonzalez MA,Delgado-Rodriguez M. Protein intake and fracture risk in elderly people: a case-control study. Clin Nutr. 2012. 31:391-5. PMID:22182947.	Independent Variable
127.	Martinez-Ramirez MJ,Palma S,Martinez-Gonzalez MA,Delgado-Martinez AD,de la Fuente C,Delgado-Rodriguez M. Dietary fat intake and the risk of osteoporotic fractures in the elderly. Eur J Clin Nutr. 2007. 61:1114-20. PMID:17299494.	Independent Variable
128.	Masse PG,Dosy J,Tranchant CC,Dallaire R. Dietary macro- and micronutrient intakes of nonsupplemented pre- and postmenopausal women with a perspective on menopause-associated diseases. J Hum Nutr Diet. 2004. 17:121-32. PMID:15023192.	Study Design, Independent Variable
129.	Matkovic V,Ilich J,Hsieh L. Influence of age, sex and diet on bone mass and fracture rate. Osteoporos Int. 1993. 3 Suppl 1:20-2. PMID:8461560.	Study Design, Independent Variable
130.	Matkovic V,Landoll JD,Badenhop-Stevens NE,Ha EY,Crncevic-Orlic Z,Li B,Goel P. Nutrition influences skeletal development from childhood to adulthood: a study of hip, spine, and forearm in adolescent females. J Nutr. 2004. 134:701S-705S. PMID:14988471.	Study Design, Independent Variable
131.	Matthews VL,Knutsen SF,Beeson WL,Fraser GE. Soy milk and dairy consumption is independently associated with ultrasound attenuation of the heel bone among postmenopausal women: the Adventist Health Study-2. Nutr Res. 2011. 31:766-75. PMID:22074801.	Study Design, Independent Variable
132.	Mazess RB,Barden HS. Bone density in premenopausal women: effects of age, dietary intake, physical activity, smoking, and birth-control pills. Am J Clin Nutr. 1991. 53:132-42. PMID:1984338.	Independent Variable

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

	Excluded Citations	Reason for Exclusion
133.	McAlindon TE,Felson DT,Zhang Y,Hannan MT,Aliabadi P,Weissman B,Rush D,Wilson PW,Jacques P. Relation of dietary intake and serum levels of vitamin D to progression of osteoarthritis of the knee among participants in the Framingham Study. Ann Intern Med. 1996. 125:353-9. PMID:8702085.	Independent Variable
134.	McCabe LD,Martin BR,McCabe GP,Johnston CC,Weaver CM,Peacock M. Dairy intakes affect bone density in the elderly. Am J Clin Nutr. 2004. 80:1066-74. PMID:15447921.	Outcomes
135.	McGartland CP,Robson PJ,Murray LJ,Cran GW,Savage MJ,Watkins DC,Rooney MM,Boreham CA. Fruit and vegetable consumption and bone mineral density: the Northern Ireland Young Hearts Project. Am J Clin Nutr. 2004. 80:1019-23. PMID:15447914.	Independent Variable
136.	McNaughton SA,Wattanapenpaiboon N,Wark JD,Nowson CA. An energy-dense, nutrient-poor dietary pattern is inversely associated with bone health in women. J Nutr. 2011. 141:1516-23. PMID:21653576.	Independent Variable
137.	Meng X,Kerr DA,Zhu K,Devine A,Solah V,Binns CW,Prince RL. Calcium intake in elderly Australian women is inadequate. Nutrients. 2010. 2:1036-43. PMID:22254072.	Independent Variable
138.	Meng X,Zhu K,Devine A,Kerr DA,Binns CW,Prince RL. A 5-year cohort study of the effects of high protein intake on lean mass and BMC in elderly postmenopausal women. J Bone Miner Res. 2009. 24:1827-34. PMID:19419320.	Independent Variable
139.	Meyer HE,Pedersen JI,Loken EB,Tverdal A. Dietary factors and the incidence of hip fracture in middle-aged Norwegians. A prospective study. Am J Epidemiol. 1997. 145:117-23. PMID:9006308.	Independent Variable
140.	Michaelsson K,Holmberg L,Mallmin H,Sorensen S,Wolk A,Bergstrom R,Ljunghall S. Diet and hip fracture risk: a case-control study. Study Group of the Multiple Risk Survey on Swedish Women for Eating Assessment. Int J Epidemiol. 1995. 24:771-82. PMID:8550275.	Independent Variable
141.	Molgaard C,Larnkjaer A,Mark AB,Michaelsen KF. Are early growth and nutrition related to bone health in adolescence? The Copenhagen Cohort Study of infant nutrition and growth. Am J Clin Nutr. 2011. 94:1865S-	Study Design,

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

	Excluded Citations	Reason for Exclusion
	1869S. PMID:21849602.	Independent Variable
142.	Moschonis G,Katsaroli I,Lyritis GP,Manios Y. The effects of a 30-month dietary intervention on bone mineral density: the Postmenopausal Health Study. Br J Nutr. 2010. 104:100-7. PMID:20370938.	Independent Variable
143.	Mu M,Wang SF,Sheng J,Zhao Y,Wang GX,Liu KY,Hu CL,Tao FB,Wang HL. Dietary patterns are associated with body mass index and bone mineral density in chinese freshmen. J Am Coll Nutr. 2014. 33:120-8. PMID:24724769.	Independent Variable
144.	Muhlbauer RC,Li F,Lozano A,Reinli A,Tschudi I. Some vegetables (commonly consumed by humans) efficiently modulate bone metabolism. J Musculoskelet Neuronal Interact. 2000. 1:137-40. PMID:15758507.	Study Design
145.	Munger RG,Cerhan JR,Chiu BC. Prospective study of dietary protein intake and risk of hip fracture in postmenopausal women. Am J Clin Nutr. 1999. 69:147-52. PMID:9925137.	Independent Variable
146.	Muraki S,Akune T,En-yo Y,Yoshida M,Tanaka S,Kawaguchi H,Nakamura K,Oka H,Yoshimura N. Association of dietary intake with joint space narrowing and osteophytosis at the knee in Japanese men and women: the ROAD study. Modern Rheumatology. 2013.	Independent Variable
147.	Murphy S,Khaw KT,May H,Compston JE. Milk consumption and bone mineral density in middle aged and elderly women. BMJ. 1994. 308:939-41. PMID:8173399.	Study Design
148.	Nagata C,Shimizu H,Takami R,Hayashi M,Takeda N,Yasuda K. Soy product intake and serum isoflavonoid and estradiol concentrations in relation to bone mineral density in postmenopausal Japanese women. Osteoporos Int. 2002. 13:200-4. PMID:11991438.	Study Design, Country
149.	Nakamura K,Hori Y,Nashimoto M,Okuda Y,Miyazaki H,Kasai Y,Yamamoto M. Dietary calcium, sodium, phosphorus, and protein and bone metabolism in elderly Japanese women: a pilot study using the duplicate portion sampling method. Nutrition. 2004. 20:340-5. PMID:15043848.	Independent Variable

Excluded Articles: Dietary Patterns and Bone Health

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

	Excluded Citations	Reason for Exclusion
150.	New SA,Robins SP,Campbell MK,Martin JC,Garton MJ,Bolton-Smith C,Grubb DA,Lee SJ,Reid DM. Dietary influences on bone mass and bone metabolism: further evidence of a positive link between fruit and vegetable consumption and bone health?. Am J Clin Nutr. 2000. 71:142-51. PMID:10617959.	Study Design
151.	Nieves JW,Grisso JA,Kelsey JL. A case-control study of hip fracture: evaluation of selected dietary variables and teenage physical activity. Osteoporos Int. 1992. 2:122-7. PMID:1627898.	Independent Variable, Country
152.	Nieves JW,Melsop K,Curtis M,Kelsey JL,Bachrach LK,Greendale G,Sowers MF,Sainani KL. Nutritional factors that influence change in bone density and stress fracture risk among young female cross-country runners. PM R. 2010. 2:740-50; quiz 794. PMID:20709302.	Independent Variable
153.	Nitzan Kaluski D,Basch CE,Zybert P,Deckelbaum RJ,Shea S. Calcium intake in preschool children--a study of dietary patterns in a low socioeconomic community. Public Health Rev. 2001. 29:71-83. PMID:11780718.	Independent Variable
154.	Nowalk MP,Kuller LH,Caggiula AW. Consumption of low-fat and low-calcium diets among healthy premenopausal women. Journal of Women's Health. 1995. 4:35-44.	Study Design
155.	Nowson CA,Patchett A,Wattanapenpaiboon N. The effects of a low-sodium base-producing diet including red meat compared with a high-carbohydrate, low-fat diet on bone turnover markers in women aged 45-75 years. Br J Nutr. 2009. 102:1161-70. PMID:19445819.	Independent Variable
156.	O'Brien KO,Allen LH,Quatromoni P,Siu-Caldera ML,Vieira NE,Perez A,Holick MF,Yergey AL. High fiber diets slow bone turnover in young men but have no effect on efficiency of intestinal calcium absorption. J Nutr. 1993. 123:2122-8. PMID:8263606.	Study Design
157.	Oh SM,Kim HC,Rhee Y,Park SJ,Lee HJ,Suh I,Feskanich D. Dietary protein in relation to bone stiffness index and fat-free mass in a population consuming relatively low protein diets. J Bone Miner Metab. 2013. 31:433-41. PMID:23420299.	Study Design

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

	Excluded Citations	Reason for Exclusion
158.	Okamoto K,Kobashi G,Washio M,Sasaki S,Yokoyama T,Miyake Y,Sakamoto N,Ohta K,Inaba Y,Tanaka H,Japan Collaborative Epidemiological Study Group for Evaluation of Ossification of the Posterior Longitudinal Ligament of the Spine R. Dietary habits and risk of ossification of the posterior longitudinal ligaments of the spine (OPLL); findings from a case-control study in Japan. J Bone Miner Metab. 2004. 22:612-7. PMID:15490273.	Independent Variable, Outcomes
159.	Okubo H,Sasaki S,Horiguchi H,Oguma E,Miyamoto K,Hosoi Y,Kim MK,Kayama F. Dietary patterns associated with bone mineral density in premenopausal Japanese farmwomen. Am J Clin Nutr. 2006. 83:1185-92. PMID:16685064.	Independent Variable
160.	Osler M,Heitmann BL. Food patterns, flour fortification, and intakes of calcium and vitamin D: a longitudinal study of Danish adults. J Epidemiol Community Health. 1998. 52:161-5. PMID:9616420.	Independent Variable
161.	Parr RM,Dey A,McCloskey EV,Aras N,Balogh A,Borelli A,Krishnan S,Lobo G,Qin LL,Zhang Y,Cvijetic S,Zaichick V,Lim-Abraham M,Bose K,Wynchank S,Iyengar GV. Contribution of calcium and other dietary components to global variations in bone mineral density in young adults. Food Nutr Bull. 2002. 23:180-4. PMID:12362791.	Independent Variable
162.	Parsons TJ,van Dusseldorp M,Seibel MJ,van Staveren WA. Are levels of bone turnover related to lower bone mass of adolescents previously fed a macrobiotic diet?. Exp Clin Endocrinol Diabetes. 2001. 109:288-93. PMID:11507653.	Study Design
163.	Parsons TJ,van Dusseldorp M,van der Vliet M,van de Werken K,Schaafsma G,van Staveren WA. Reduced bone mass in Dutch adolescents fed a macrobiotic diet in early life. J Bone Miner Res. 1997. 12:1486-94. PMID:9286766.	Independent Variable, Non Human Subjects
164.	Paulozzi LJ. Does inadequate diet during childhood explain the higher high fracture rates in the Southern United States?. Osteoporos Int. 2010. 21:417-23. PMID:19557494.	Independent Variable
165.	Pavicic Zezelj S,Cvijanovic O,Micovic V,Bobinac D,Crncevic-Orlic Z,Malatestinic G. Effect of menopause, anthropometry, nutrition and lifestyle on bone status of women in the northern Mediterranean. West Indian Med J.	Study Design

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

	Excluded Citations	Reason for Exclusion
	2010. 59:494-502. PMID:21473395.	
166.	Pedone C,Napoli N,Pozzilli P,Lauretani F,Bandinelli S,Ferrucci L,Antonelli-Incalzi R. Quality of diet and potential renal acid load as risk factors for reduced bone density in elderly women. Bone. 2010. 46:1063-7. PMID:20005315.	Independent Variable
167.	Pedone C,Napoli N,Pozzilli P,Rossi FF,Lauretani F,Bandinelli S,Ferrucci L,Antonelli-Incalzi R. Dietary pattern and bone density changes in elderly women: a longitudinal study. J Am Coll Nutr. 2011. 30:149-54. PMID:21730223.	Independent Variable
168.	Penteado VS,Castro CH,Pinheiro Mde M,Santana M,Bertolino S,de Mello MT,Szejnfeld VL. Diet, body composition, and bone mass in well-trained cyclists. J Clin Densitom. 2010. 13:43-50. PMID:19942468.	Study Design, Independent Variable
169.	Pettinato AA,Loud KJ,Bristol SK,Feldman HA,Gordon CM. Effects of nutrition, puberty, and gender on bone ultrasound measurements in adolescents and young adults. J Adolesc Health. 2006. 39:828-34. PMID:17116512.	Study Design, Independent Variable
170.	Pongchaiyakul C,Kosulwat V,Charoenkiatkul S,Chailurkit LO,Rojroongwasinkul N,Rajatanavin R. The association of dietary calcium, bone mineral density and biochemical bone turnover markers in rural Thai women. J Med Assoc Thai. 2008. 91:295-302. PMID:18575280.	Independent Variable
171.	Promislow JH,Goodman-Gruen D,Slymen DJ,Barrett-Connor E. Protein consumption and bone mineral density in the elderly : the Rancho Bernardo Study. Am J Epidemiol. 2002. 155:636-44. PMID:11914191.	Study Design
172.	Quintas ME,Ortega RM,Lopez-Sobaler AM,Garrido G,Requejo AM. Influence of dietetic and anthropometric factors and of the type of sport practised on bone density in different groups of women. Eur J Clin Nutr. 2003. 57 Suppl 1:S58-62. PMID:12947455.	Independent Variable
173.	Rafferty KA,Heaney JB,Lappe JM. Dietary Calcium Intake Is a Marker for Total Diet Quality in Adolescent Girls and Women Across the Life Cycle. Nutrition Today. 2011. 46:244-251. PMID:2011344589.	Study Design, Independent Variable
174.	Rafraf M,Bazyun B. Food habits related to osteoporosis in women in iran. Health Promot Perspect. 2011. 1:111-7.	Study Design

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

	Excluded Citations	Reason for Exclusion
	PMID:24688907.	
175.	Rapuri PB,Gallagher JC,Haynatzka V. Protein intake: effects on bone mineral density and the rate of bone loss in elderly women. Am J Clin Nutr. 2003. 77:1517-25. PMID:12791633.	Study Design, Independent Variable
176.	Reed JA,Anderson JJ,Tylavsky FA, Jr. Gallagher PN. Comparative changes in radial-bone density of elderly female lacto-ovovegetarians and omnivores. Am J Clin Nutr. 1994. 59:1197S-1202S. PMID:8172123.	Study Design, Independent Variable
177.	Renner E. Dairy calcium, bone metabolism, and prevention of osteoporosis. J Dairy Sci. 1994. 77:3498-505. PMID:7699131.	Independent Variable
178.	Robare JF,Bayles CM,Newman AB,Williams K,Milas C,Boudreau R,McTigue K,Albert SM,Taylor C,Kuller LH. The "10 keys" to healthy aging: 24-month follow-up results from an innovative community-based prevention program. Health Educ Behav. 2011. 38:379-88. PMID:21652780.	Study Design, Independent Variable
179.	Rogers IS,Northstone K,Dunger DB,Cooper AR,Ness AR,Emmett PM. Diet throughout childhood and age at menarche in a contemporary cohort of British girls. Public Health Nutr. 2010. 13:2052-63. PMID:20529402.	Outcomes
180.	Ross PD,Norimatsu H,Davis JW,Yano K,Wasnich RD,Fujiwara S,Hosoda Y, 3rd Melton LJ. A comparison of hip fracture incidence among native Japanese, Japanese Americans, and American Caucasians. Am J Epidemiol. 1991. 133:801-9. PMID:2021147.	Outcomes
181.	Roughead ZK,Johnson LK,Lykken GI,Hunt JR. Controlled high meat diets do not affect calcium retention or indices of bone status in healthy postmenopausal women. J Nutr. 2003. 133:1020-6. PMID:12672913.	Study Design
182.	Rozen GS,Rennert G,Rennert HS,Diab G,Daud D,Ish-Shalom S. Calcium intake and bone mass development among Israeli adolescent girls. J Am Coll Nutr. 2001. 20:219-24. PMID:11444417.	Independent Variable
183.	Ruxton C. Dietary approaches to promote bone health in adults. Nurs Stand. 2013. 27:41-9; quiz 50.	Study Design

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

	Excluded Citations	Reason for Exclusion
	PMID:23556216.	
184.	Saadi H,Mohamadiyeh M,Al-Suhaili A,Reed R,Benedict S,Agarwal M. Bone mineral density of the spine and femur in United Arab Emirates women: Relation to anthropometric, reproductive, and lifestyle factors. Emirates Medical Journal. 2006. 24:21-27.	Study Design
185.	Sahni S,Cupples LA,McLean RR,Tucker KL,Broe KE,Kiel DP,Hannan MT. Protective effect of high protein and calcium intake on the risk of hip fracture in the Framingham offspring cohort. J Bone Miner Res. 2010. 25:2770-6. PMID:20662074.	Independent Variable
186.	Sahni S,Tucker KL,Kiel DP,Quach L,Casey VA,Hannan MT. Milk and yogurt consumption are linked with higher bone mineral density but not with hip fracture: the Framingham Offspring Study. Arch Osteoporos. 2013. 8:119. PMID:23371478.	Independent Variable
187.	Salamone LM,Cauley JA,Black DM,Simkin-Silverman L,Lang W,Gregg E,Palermo L,Epstein RS,Kuller LH,Wing R. Effect of a lifestyle intervention on bone mineral density in premenopausal women: a randomized trial. Am J Clin Nutr. 1999. 70:97-103. PMID:10393145.	Independent Variable
188.	Sambol SZ,Stimac D,Orlic ZC,Guina T. Haematological, biochemical and bone density parameters in vegetarians and non-vegetarians. West Indian Med J. 2009. 58:512-7. PMID:20583676.	Independent Variable
189.	Sandler RB,Slemenda CW,LaPorte RE,Cauley JA,Schramm MM,Barresi ML,Kriska AM. Postmenopausal bone density and milk consumption in childhood and adolescence. Am J Clin Nutr. 1985. 42:270-4. PMID:3839625.	Independent Variable
190.	Seiquer I,Mesias M,Hoyos AM,Galdo G,Navarro MP. A Mediterranean dietary style improves calcium utilization in healthy male adolescents. J Am Coll Nutr. 2008. 27:454-62. PMID:18978164.	Study Design, Independent Variable
191.	Sellmeyer DE,Stone KL,Sebastian A,Cummings SR. A high ratio of dietary animal to vegetable protein increases the rate of bone loss and the risk of fracture in postmenopausal women. Study of Osteoporotic Fractures Research	Independent Variable

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

	Excluded Citations	Reason for Exclusion
	Group. Am J Clin Nutr. 2001. 73:118-22. PMID:11124760.	
192.	Shin A,Lim S,Sung J,Myung S,Kim J. Dietary habit and bone mineral density in Korean postmenopausal women. Osteoporos Int. 2010. 21:947-55. PMID:19727908.	Independent Variable
193.	Shin S,Hong K,Kang SW,Joung H. A milk and cereal dietary pattern is associated with a reduced likelihood of having a low bone mineral density of the lumbar spine in Korean adolescents. Nutr Res. 2013. 33:59-66. PMID:23351411.	Study Design, Independent Variable
194.	Shin S,Joung H. A dairy and fruit dietary pattern is associated with a reduced likelihood of osteoporosis in Korean postmenopausal women. Br J Nutr. 2013. 110:1926-33. PMID:23578480.	Study Design
195.	Siani V,Mohamed EI,Maiolo C,Di Daniele N,Ratiu A,Leonardi A,De Lorenzo A. Body composition analysis for healthy Italian vegetarians. Acta Diabetol. 2003. 40 Suppl 1:S297-8. PMID:14618498.	Study Design
196.	Snead DB,Stubbs CC,Weltman JY,Evans WS,Veldhuis JD,Rogol AD,Teates CD,Weltman A. Dietary patterns, eating behaviors, and bone mineral density in women runners. Am J Clin Nutr. 1992. 56:705-11. PMID:1414971.	Study Design
197.	Song Y,Paik HY,Joung H. Soybean and soy isoflavone intake indicate a positive change in bone mineral density for 2 years in young Korean women. Nutr Res. 2008. 28:25-30. PMID:19083384.	Independent Variable
198.	Stagnaro S,Caramel S. The role of mediterranean diet, CoQ10 and conjugated-melatonin in osteoporosis primary prevention and therapy. Current Nutrition and Food Science. 2012. 8:55-62.	Independent Variable
199.	Sudo A,Miyamoto N,Kasai Y,Yamakawa T,Uchida A. Comparison of bone mineral density among residents of a mountain village and a fishing village in Japan. J Orthop Surg (Hong Kong). 2003. 11:6-9. PMID:12810964.	Independent Variable
200.	Sugiura M,Nakamura M,Ogawa K,Ikoma Y,Ando F,Shimokata H,Yano M. Dietary patterns of antioxidant vitamin and carotenoid intake associated with bone mineral density: findings from post-menopausal Japanese female	Independent Variable

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

	Excluded Citations	Reason for Exclusion
	subjects. Osteoporos Int. 2011. 22:143-52. PMID:20480147.	
201.	Suzuki T,Yoshida H,Hashimoto T,Yoshimura N,Fujiwara S,Fukunaga M,Nakamura T,Yoh K,Inoue T,Hosoi T,Orimo H. Case-control study of risk factors for hip fractures in the Japanese elderly by a Mediterranean Osteoporosis Study (MEDOS) questionnaire. Bone. 1997. 21:461-7. PMID:9356741.	Independent Variable
202.	Taha W,Chin D,Silverberg AI,Lashiker L,Khateeb N,Anhalt H. Reduced spinal bone mineral density in adolescents of an Ultra-Orthodox Jewish community in Brooklyn. Pediatrics. 2001. 107:E79. PMID:11331729.	Independent Variable
203.	Takahashi O,Yoshihara A,Nakamura K,Miyazaki H. Association between periodontitis and systemic bone mineral density in Japanese community-dwelling postmenopausal women. J Dent. 2012. 40:304-11. PMID:22310323.	Independent Variable
204.	Tavani A,Negri E,La Vecchia C. Calcium, dairy products, and the risk of hip fracture in women in northern Italy. Epidemiology. 1995. 6:554-7. PMID:8562636.	Independent Variable
205.	Teegarden D,Lyle RM,McCabe GP,McCabe LD,Proulx WR,Michon K,Knight AP,Johnston CC,Weaver CM. Dietary calcium, protein, and phosphorus are related to bone mineral density and content in young women. Am J Clin Nutr. 1998. 68:749-54. PMID:9734757.	Independent Variable
206.	Tepper BJ, Jr. Nayga RM. Awareness of the link between bone disease and calcium intake is associated with higher dietary calcium intake in women aged 50 years and older: results of the 1991 CSFII-DHKS. Continuing Survey of the Food Intake of Individuals. Diet and Health Knowledge Survey. J Am Diet Assoc. 1998. 98:196-8. PMID:12515424.	Independent Variable
207.	Tesar R,Notelovitz M,Shim E,Kauwell G,Brown J. Axial and peripheral bone density and nutrient intakes of postmenopausal vegetarian and omnivorous women. Am J Clin Nutr. 1992. 56:699-704. PMID:1414970.	Study Design
208.	Thacher TD,Fischer PR,Pettifor JM,Lawson JO,Isichei CO,Chan GM. Case-control study of factors associated with	Study Design,

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

	Excluded Citations	Reason for Exclusion
	nutritional rickets in Nigerian children. J Pediatr. 2000. 137:367-73. PMID:10969262.	Independent Variable
209.	Thorpe DL,Knutsen SF,Beeson WL,Rajaram S,Fraser GE. Effects of meat consumption and vegetarian diet on risk of wrist fracture over 25 years in a cohort of peri- and postmenopausal women. Public Health Nutr. 2008. 11:564-72. PMID:17686206.	Independent Variable
210.	Thorpe MP,Jacobson EH,Layman DK,He X,Kris-Etherton PM,Evans EM. A diet high in protein, dairy, and calcium attenuates bone loss over twelve months of weight loss and maintenance relative to a conventional high-carbohydrate diet in adults. J Nutr. 2008. 138:1096-100. PMID:18492840.	Independent Variable
211.	Tobias JH,Steer CD,Emmett PM,Tonkin RJ,Cooper C,Ness AR,team As. Bone mass in childhood is related to maternal diet in pregnancy. Osteoporos Int. 2005. 16:1731-41. PMID:15905998.	Study Design, Independent Variable
212.	Tucker KL,Chen H,Hannan MT,Cupples LA,Wilson PW,Felson D,Kiel DP. Bone mineral density and dietary patterns in older adults: the Framingham Osteoporosis Study. Am J Clin Nutr. 2002. 76:245-52. PMID:12081842.	Study Design
213.	Tucker KL,Hannan MT,Chen H,Cupples LA,Wilson PW,Kiel DP. Potassium, magnesium, and fruit and vegetable intakes are associated with greater bone mineral density in elderly men and women. Am J Clin Nutr. 1999. 69:727-36. PMID:10197575.	Independent Variable
214.	Turner LW,Hunt S,Kendrick O,Eddy J. Dairy-product intake and hip fracture among older women: issues for health behavior. Psychol Rep. 1999. 85:423-30. PMID:10611772.	Independent Variable, Unhealthy Subjects
215.	Tylavsky FA,Anderson JJ. Dietary factors in bone health of elderly lactoovovegetarian and omnivorous women. Am J Clin Nutr. 1988. 48:842-9. PMID:3414592.	Study Design, Independent Variable
216.	Tylavsky FA,Holliday K,Danish R,Womack C,Norwood J,Carbone L. Fruit and vegetable intakes are an independent	Study Design

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

	Excluded Citations	Reason for Exclusion
	predictor of bone size in early pubertal children. Am J Clin Nutr. 2004. 79:311-7. PMID:14749239.	
217.	Varenna M,Binelli L,Zucchi F,Ghiringhelli D,Sinigaglia L. Unbalanced diet to lower serum cholesterol level is a risk factor for postmenopausal osteoporosis and distal forearm fracture. Osteoporos Int. 2001. 12:296-301. PMID:11420779.	Independent Variable
218.	Varenna M,Manara M,Galli L,Binelli L,Zucchi F,Sinigaglia L. The association between osteoporosis and hypertension: the role of a low dairy intake. Calcif Tissue Int. 2013. 93:86-92. PMID:23652773.	Study Design, Independent Variable
219.	Vatanparast H,Baxter-Jones A,Faulkner RA,Bailey DA,Whiting SJ. Positive effects of vegetable and fruit consumption and calcium intake on bone mineral accrual in boys during growth from childhood to adolescence: the University of Saskatchewan Pediatric Bone Mineral Accrual Study. Am J Clin Nutr. 2005. 82:700-6. PMID:16155286.	Independent Variable
220.	Wadolowska L,Sobas K,Szczepanska JW,Slowinska MA,Czlapka-Matyasik M,Niedzwiedzka E. Dairy products, dietary calcium and bone health: possibility of prevention of osteoporosis in women: the Polish experience. Nutrients. 2013. 5:2684-707. PMID:23863825.	Study Design
221.	Wang MC,Crawford PB,Hudes M,Van Loan M,Siemering K,Bachrach LK. Diet in midpuberty and sedentary activity in prepuberty predict peak bone mass. Am J Clin Nutr. 2003. 77:495-503. PMID:12540413.	Non Human Subjects
222.	Wang MC,Luz Villa M,Marcus R,Kelsey JL. Associations of vitamin C, calcium and protein with bone mass in postmenopausal Mexican American women. Osteoporos Int. 1997. 7:533-8. PMID:9604048.	Study Design, Independent Variable
223.	Wang S,Mu M,Zhao Y,Wang X,Shu L,Li Q,Li Y. [Dietary patterns in college freshmen and its relation to bone mineral density]. Wei Sheng Yan Jiu. 2012. 41:579-84. PMID:23057322.	Study Design
224.	Wang Y,Davies-Tuck ML,Wluka AE,Forbes A,English DR,Giles GG,O'Sullivan R,Cicuttini FM. Dietary fatty acid intake affects the risk of developing bone marrow lesions in healthy middle-aged adults without clinical knee	Independent Variable

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

	Excluded Citations	Reason for Exclusion
	osteoarthritis: a prospective cohort study. Arthritis Res Ther. 2009. 11:R63. PMID:19426478.	
225.	Wang YF,Chiu JS,Chuang MH,Chiu JE,Lin CL. Bone mineral density of vegetarian and non-vegetarian adults in Taiwan. Asia Pac J Clin Nutr. 2008. 17:101-6. PMID:18364334.	Independent Variable
226.	Weikert C,Walter D,Hoffmann K,Kroke A,Bergmann MM,Boeing H. The relation between dietary protein, calcium and bone health in women: results from the EPIC-Potsdam cohort. Ann Nutr Metab. 2005. 49:312-8. PMID:16088096.	Independent Variable
227.	Welch A,Bingham S,Camus J,Dalzell N,Reeve J,Day N,Khaw KT. Calcaneum broadband ultrasound attenuation relates to vegetarian and omnivorous diets differently in men and women: an observation from the European Prospective Investigation into Cancer in Norfolk (EPIC-Norfolk) population study. Osteoporos Int. 2005. 16:590-6. PMID:15480573.	Independent Variable
228.	Whiting SJ,Boyle JL,Thompson A,Mirwald RL,Faulkner RA. Dietary protein, phosphorus and potassium are beneficial to bone mineral density in adult men consuming adequate dietary calcium. J Am Coll Nutr. 2002. 21:402-9. PMID:12356781.	Study Design
229.	Whittle CR,Woodside JV,Cardwell CR,McCourt HJ,Young IS,Murray LJ,Boreham CA,Gallagher AM,Neville CE,McKinley MC. Dietary patterns and bone mineral status in young adults: the Northern Ireland Young Hearts Project. Br J Nutr. 2012. 108:1494-504. PMID:22214826.	Study Design
230.	Woo J,Kwok T,Leung J,Tang N. Dietary intake, blood pressure and osteoporosis. J Hum Hypertens. 2009. 23:451-5. PMID:19092844.	Independent Variable
231.	Woo J,Leung SS,Ho SC,Lam TH,Janus ED. Dietary intake and practices in the Hong Kong Chinese population. J Epidemiol Community Health. 1998. 52:631-7. PMID:10023462.	Study Design

Excluded Articles: Dietary Patterns and Bone Health

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

	Excluded Citations	Reason for Exclusion
232.	Xu L,Dibley M,D'Este C,Phillips M,Porteous J,Attia J. Food groups and risk of forearm fractures in postmenopausal women in Chengdu, China. Climacteric. 2009. 12:222-9. PMID:19165654.	Independent Variable
233.	Xu L,Phillips M,D'Este C,Dibley M,Porteous J,Attia J. Diet, activity, and other lifestyle risk factors for forearm fracture in postmenopausal women in China: a case-control study. Menopause. 2006. 13:102-10. PMID:16607105.	Study Design, Independent Variable
234.	Yamori Y,Moriguchi EH,Teramoto T,Miura A,Fukui Y,Honda KI,Fukui M,Nara Y,Taira K,Moriguchi Y. Soybean isoflavones reduce postmenopausal bone resorption in female Japanese immigrants in Brazil: a ten-week study. J Am Coll Nutr. 2002. 21:560-3. PMID:12480802.	Independent Variable
235.	Yano K,Heilbrun LK,Wasnich RD,Hankin JH,Vogel JM. The relationship between diet and bone mineral content of multiple skeletal sites in elderly Japanese-American men and women living in Hawaii. Am J Clin Nutr. 1985. 42:877-88. PMID:3877451.	Study Design, Independent Variable
236.	Yen CE,Yen CH,Huang MC,Cheng CH,Huang YC. Dietary intake and nutritional status of vegetarian and omnivorous preschool children and their parents in Taiwan. Nutr Res. 2008. 28:430-6. PMID:19083442.	Study Design
237.	Yin J,Dwyer T,Riley M,Cochrane J,Jones G. The association between maternal diet during pregnancy and bone mass of the children at age 16. Eur J Clin Nutr. 2010. 64:131-7. PMID:19756026.	Independent Variable
238.	Yoon EH,Noh H,Lee HM,Hwang HS,Park HK,Park YS. Bone Mineral Density and Food-frequency in Korean Adults: The 2008 and 2009 Korea National Health and Nutrition Examination Survey. Korean J Fam Med. 2012. 33:287-95. PMID:23115703.	Independent Variable
239.	Yu YH,Farmer A,Mager DR,Willows ND. Dairy foods are an important source of calcium and vitamin D among Canadian-born and Asian-born Chinese in Edmonton, Alberta. Nutr Res. 2012. 32:177-84. PMID:22464804.	Independent Variable
240.	Zagarins SE,Ronnenberg AG,Gehlbach SH,Lin R,Bertone-Johnson ER. Are existing measures of overall diet quality associated with peak bone mass in young premenopausal women?. J Hum Nutr Diet. 2012. 25:172-9.	Independent Variable

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

	Excluded Citations	Reason for Exclusion
	PMID:22320839.	
241.	Zalloua PA,Hsu YH,Terwedow H,Zang T,Wu D,Tang G,Li Z,Hong X,Azar ST,Wang B,Bouxsein ML,Brain J,Cummings SR,Rosen CJ,Xu X. Impact of seafood and fruit consumption on bone mineral density. Maturitas. 2007. 56:1-11. PMID:16806750.	Study Design
242.	Zeng FF,Fan F,Xue WQ,Xie HL,Wu BH,Tu SL,Ouyang WF,Chen YM. The association of red meat, poultry, and egg consumption with risk of hip fractures in elderly Chinese: a case-control study. Bone. 2013. 56:242-8. PMID:23816759.	Study Design
243.	Zeng FF,Wu BH,Fan F,Xie HL,Xue WQ,Zhu HL,Chen YM. Dietary patterns and the risk of hip fractures in elderly Chinese: a matched case-control study. J Clin Endocrinol Metab. 2013. 98:2347-55. PMID:23585662.	Study Design
244.	Zhang Q,Ma G,Greenfield H,Zhu K,Du X,Foo LH,Hu X,Fraser DR. The association between dietary protein intake and bone mass accretion in pubertal girls with low calcium intakes. Br J Nutr. 2010. 103:714-23. PMID:19814838.	Country
245.	Zhang X,Shu XO,Li H,Yang G,Li Q,Gao YT,Zheng W. Prospective cohort study of soy food consumption and risk of bone fracture among postmenopausal women. Arch Intern Med. 2005. 165:1890-5. PMID:16157834.	Independent Variable
246.	Zhang Y,Ojima T,Murata C. Calcium intake pattern among Japanese women across five stages of health behavior change. J Epidemiol. 2007. 17:45-53. PMID:17420612.	Study Design
247.	Ziegler PJ,Jonnalagadda SS,Lawrence C. Dietary intake of elite figure skating dancers. Nutr Res. 2001. 21:983-992. PMID:11446982.	Independent Variable, Country