| **Study** | **Supplement(s)** | **N randomized** | **Mean age (years)** | **Female (%)** | **Nonwhite (%)** | **Mean BMI (kg/m2)** | **Current smokers (%)** | **Alcohol use** | **Prior supplement use (%)** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| ACS113,115,186 | Calcium | 1,471 | 74.3 | 100 | NR | 26.4 | 3.0 | NR | NR |
| AFPPS101,102 | Folic acid | 1,021 | 57 | 36.3 | 14.4 | 27.4 | 14.4 | 0.6 drinks/day | MVI: 35.9 |
| ASAP79 | Vitamin E, vitamin C | 520 | 59.8 | 51 | NR | NR | 40.4 | 58.6 g/week | NR |
| ATBC59,66,69-73,76-78,87,88, 155-157 | Beta-carotene, vitamin E | 29,133 | 57.2 | 0 | NR | 26.3 | 100 | 18.0 g/day | NR |
| CARET60,67,74,161-164 | Beta-carotene + vitamin A | 18,314 | 57.5 | 34.3 | 6.8 | NR | 60.1 | NR | NR |
| CPPS114,116 | Calcium | 930 | 61.9 | 28 | 5.4 (men only) | NR | NR | NR | Calcium: 3 |
| Dean 2011105 | Vitamin D | 128 | 21.8 | 57 | NR | NR | NR | NR | NR |
| Graat 200252 | Multivitamin, vitamin E | 652 | 73.2 | 50 | NR | 27.4 | 9 | NR | 39 |
| IWHS96 | Vitamin A | 34,703 | 61 | 100 | 0.7 | 27.0 | NR | 3.8 g/day | Vitamin A: 35 |
| Lappe 2007109,175 | Calcium, vitamin D | 1,180 | 66.7 | 100 | 0 | 29.0 | NR | NR | NR |
| NHS53 | Multivitamin, vitamin A, beta-carotene | 72,337 | 58.3 | 100 | NR | 26.0 | 26 | 7.4 g/day | MVI: 17Vitamin A: 0.6Beta-carotene: 0.8 |
| NPC89,90,92-95,172,173 | Selenium | 1,312 | 63 | 0 | NR | 26 | 28 | NR | NR |
| NSCPS64,160 | Beta-carotene | 1,621 | 48.7 | 56 | NR | NR | NR | NR | NR |
| PHS-I61,65,68,158 | Beta-carotene | 22,071 | NR | 0 | NR | NR | 11 | NR | MVI: 20 |
| PHS-II50,57,80,83,154 | Vitamin E, vitamin C, multivitamin | 14,641 | 64.3 | 0 | NR | 26.0 | 3.6 | 80.7% consume ≥1 drink/month | NR |
| REACT51 | Multivitamin | 297 | 66.2 | 59.3 | NR | NR | 18.8 | NR | 0 |
| RECORD103,107 | Calcium, vitamin D | 5,292 | 77 | 84.7 | 0.8 | NR | 11.7 | NR | NR |
| SCPS63,75,159 | Beta-carotene | 1,805 | 63.0 | 30.7 | NR | NR | 18.7 | NR | Daily: 23.9Occasionally: 15.6 |
| SELECT82,143,166-169 | Vitamin E, selenium | 35,533 | 62.5 | 0 | 21 | NR | 8 | NR | NR |
| SKICAP-AK97,174 | Vitamin A | 2,297 | 63 | 30 | NR | NR | 12 | NR | Sometimes: 28.5Yes: 44.5 |
| SKICAP-SB98,174 | Vitamin A | 347 | NR | 28 | NR | NR | NR | NR | Sometimes: 27Yes: 47.5 |
| SU.VI.MAX49,54-56,58, 151-153 | Multivitamin | 13,017 | 49.0 | 59.0 | NR | 24.3 | 15.9 | NR | NR |
| Trivedi 2003104 | Vitamin D, calcium | 2,686 | 74.8 | 24.2 | NR | 24.4 | 4.2 | 71.7% regular users | Vitamin D: 0 |
| UK PRECISE91 | Selenium | 501 | 67.5 | 47.4 | NR | 27.5 | 9.5 | 86.9% current users | NR |
| WHI108,110,111,137,176-184 | Vitamin D + calcium | 36,282 | 62.4 | 100 | 16.9 | 29.1 | 7.6 | 71.3% current users | Calcium: 29.0MVI: 36.7 |
| WHS62,81,165 | Vitamin E, beta-carotene | 39,876 | 54.6 | 100 | NR | 26.0 | 13.1 | 54.9% consume alcohol ≥1/month | MVI: 38.8 |

**Abbreviations:** ACS =Auckland Calcium Study;AFPPS = Aspirin/Folate Polyp Prevention Study; ASAP = Antioxidant Supplementation in Atherosclerosis Prevention; ATBC = Alpha-Tocopherol Beta-Carotene Cancer Prevention; BMI = body mass index; CARET = Carotene and Retinol Efficacy Trial; CPPS = Calcium Polyp Prevention Study; IWHS = Iowa Women’s Health Study; MVI = multivitamin; NHS = Nurses’ Health Study; NPC = Nutritional Prevention of Cancer; NR = not reported; NSCPS = Nambour Skin Cancer Prevention Study; PHS = Physician’s Health Study; REACT = Roche European American Cataract Trial; RECORD = Randomized Evaluation of Calcium or Vitamin D; SCPS = Skin Cancer Prevention Study; SELECT = Selenium and Vitamin E Cancer Prevention Trial; SKICAP-AK = Skin Cancer Prevention Trial-Actinic Keratoses; SKICAP=S/B = Skin Cancer Prevention Trial-SCC/BCC; SU.VI.MAX = Supplementation in Vitamins and Mineral Antioxidants Study; U.K. PRECISE = U.K. Prevention of Cancer by Intervention with Selenium; WHI = Women’s Health Initiative; WHS = Women’s Health Study.