

Search Strategy

Ovid MEDLINE

- #1 Diet, Carbohydrate-Restricted/
- #2 low carbohydrate.tw,kw.
- #3 (carbohydrate adj2 restrict*).tw,kw.
- #4 Ketogenic Diet/
- #5 (ketogenic and diet*).tw,kw.
- #6 (atkins and diet*).tw,kw.
- #7 1 or 2 or 3 or 4 or 5 or 6
- #8 Diet, Fat-Restricted/
- #9 (fat adj2 restrict*).tw,kw.
- #10 low fat.tw,kw.
- #11 (conventional and diet*).tw,kw.
- #12 8 or 9 or 10 or 11
- #13 7 and 12
- #14 Weight Loss/
- #15 Body Weight/
- #16 (lowering adj2 weight).tw,kw.
- #17 (weight adj2 loss).tw,kw.
- #18 (weight adj2 reduction).tw,kw.
- #19 body weight.tw,kw.
- #20 14 or 15 or 16 or 17 or 18 or 19
- #21 exp Cardiovascular Diseases/
- #22 (cardio* or heart or coronary).tw,kw.
- #23 21 or 22
- #24 20 or 23
- #25 13 and 24
- #26 limit 25 to "therapy (best balance of sensitivity and specificity)"
- #27 randomized controlled trial.pt.
- #28 controlled clinical trial.pt.
- #29 randomized.ab.
- #30 placebo.ab.
- #31 drug therapy.fs.
- #32 randomly.ab.
- #33 trial.ab
- #34 groups.ab.
- #35 27 or 28 or 29 or 30 or 31 or 32 or 33 or 34
- #36 exp animals/ not humans.sh.
- #37 (#35 not #36).mp.
- #38 25 and 37
- #39 26 or 38
- #40 limit 39 to english language

Embase

- #1 low carbohydrate diet/
- #2 (carbohydrate adj2 restrict*).tw,kw.
- #3 low carbohydrate.tw,kw.
- #4 ketogenic diet/
- #5 (ketogenic and diet*).tw,kw.
- #6 (atkins and diet*).tw,kw.
- #7 1 or 2 or 3 or 4 or 5 or 6
- #8 low fat diet/
- #9 (fat adj2 restrict*).tw,kw.
- #10 low fat.tw,kw.
- #11 (conventional and diet*).tw,kw.
- #12 8 or 9 or 10 or 11
- #13 7 and 12
- #14 weight reduction/
- #15 (lowering adj2 weight).tw,kw.
- #16 (weight adj2 loss).tw,kw.
- #17 body weight/ or weight change/ or weight gain/ or weight reduction/
- #18 body weight.tw,kw.
- #19 14 or 15 or 16 or 17 or 18
- #20 exp cardiovascular disease/
- #21 (cardio* or heart or coronar*).tw,kw.
- #22 20 or 21
- #23 19 or 22
- #24 13 and 23
- #25 (random\$ or factorial\$ or crossover\$ or cross over\$ or cross-over\$ or placebo\$ or (doubl\$ adj blind\$) or (singl\$ adj blind\$) or assign\$ or allocat\$ or volunteer\$).tw,kw
- #26 crossover procedure/
- #27 double blind procedure/
- #28 randomized controlled trial/
- #29 single blind procedure/
- #30 26 or 27 or 28 or 29
- #31 25 or 30
- #32 24 and 31
- #33 limit 24 to "therapy (best balance of sensitivity and specificity)"
- #34 32 or 33
- #35 limit 34 to (human and english language)

Cochrane Library Trials

- #1 MeSH descriptor: [Diet, Carbohydrate-Restricted]
- #2 carbohydrate near/2 restrict*:ti,ab,kw
- #3 "low carbohydrate":ti,ab,kw
- #4 MeSH descriptor: [Ketogenic Diet]
- #5 (ketogenic and diet*):ti,ab,kw
- #6 (atkins and diet*) .ti,ab,kw
- #7 #1 or #2 or #3 or #4 or #5 or #6
- #8 MeSH descriptor: [Diet, Fat-Restricted]
- #9 fat near/2 restrict*:ti,ab,kw
- #10 "low fat":ti,ab,kw

#11 "conventional diet*":ti,ab,kw
#12 #8 or #9 or #10 or #11
#13 #7 and #12
#14 MeSH descriptor: [Weight Loss]
#15 MeSH descriptor: [Body Weight]
#16 "body weight":ti,ab,kw
#17 weight near/2 loss:ti,ab,kw
#18 weight near/2 reduct*:ti,ab,kw
#19 MeSH descriptor: [Cardiovascular Diseases]
#20 cardio* or vascular* or heart:ti,ab,kw
#21 #14 or #15 or #16 or #17 or #18 or #19 or #20
#22 #13 and #21