

Ovid

Database(s): EBM Reviews - Cochrane Central Register of Controlled Trials July 2023, Embase 1974 to 2023 August 31, Ovid MEDLINE(R) and Epub Ahead of Print, In-Process, In-Data-Review & Other Non-Indexed Citations, Daily and Versions 1946 to August 31, 2023

Search Strategy:

#	Searches	Results
1	exp Diabetes Mellitus, Type 2/	531268
2	exp non insulin dependent diabetes mellitus/	531268
3	exp Body Composition/	198005
4	exp body weight changes/ ("adult onset diabetes" or "Body Composition*" or "Body Fat Distribution" or "Body weight change*" or "change in body weight" or "diabetes mellitus type 2" or "diabetes mellitus type II" or "diabetes type 2" or "diabetes type II" or "dm 2" or "insulin independent diabetes" or "ketosis resistant diabetes" or "maturity onset diabetes" or niddm or "non insulin dependent diabetes" or "noninsulin dependent diabetes" or "type 2 diabetes" or "type II diabetes" or "weight gain" or "weight loss").ti,ab,kf.	226863
5	or/1-5	1100976
6	or/1-5	1405707
7	dietary carbohydrates/ or exp dietary sugars/ or exp starch/	145078
8	exp carbohydrate intake/	34622
9	exp Diet, Ketogenic/	10750
10	exp Diet, Carbohydrate-Restricted/ ("2-Hydroxypropyl-beta-cyclodextrin" or "alimentary carbohydrate*" or "alpha-Cyclodextrin*" or Amylopectin or Amylose or "beta-Cyclodextrin*" or "carbohydrate consumption" or "carbohydrate feeding" or "Carbohydrate-Restricted" or "Carbohydrate-Restriction" or Cyclodextrins or Dextrin* or "diet carbohydrate*" or "Dietary Carbohydrate*" or "dietary intake" or "Dietary Sucrose" or "Dietary Sugar*" or "digestible carbohydrate*" or "fructose intake" or "gamma-Cyclodextrin*" or "glucose intake" or "High Fructose Corn Syrup" or "Hydroxyethyl Starch Derivative*" or Inulin or ketogenic or "low carbohydrate diet*" or "Resistant Starch*" or "saccharide intake" or Starch* or "sugar intake").ti,ab,kf.	9487
11	or/7-11	300676
12	or/7-11	378755
13	6 and 12	39347
14	exp Randomized Controlled Trial/	1409305
15	randomised controlled trials.sd.	242384
16	exp controlled study/	10022522
17	exp triple blind procedure/	430
18	exp Double-Blind Method/	541087
19	exp Single-Blind Method/	109048
20	exp latin square design/	426

21	exp Placebos/	466644
22	exp Placebo Effect/	15333
23	exp prospective study/	1653003
24	exp quasi experimental study/	12646
25	exp case-control studies/ ((control* adj3 study) or (control* adj3 trial) or (randomized adj3 study) or (randomized adj3 trial) or (randomised adj3 study) or (randomised adj3 trial) or "pragmatic clinical trial" or (random* adj1 allocat*) or (doubl* adj blind*) or (doubl* adj mask*) or (singl* adj blind*) or (singl* adj mask*) or (tripl* adj blind*) or (tripl* adj mask*) or (trebl* adj blind*) or (trebl* adj mask*) or "latin square" or placebo* or nocebo* or random* or "prospective study" or "prospective survey" or "prospective analysis" or prospectiv* or "quasi experimental study" or "quasi experimental analysis" or "quasiexperimental study" or "quasiexperimental analysis" or "case control study" or "case base study" or "case referent study" or "case referent study" or "case referent study" or "case compeer study" or "case comparison study" or "matched case control" or "before and after" or "before after").mp,pt.	16868301
27	or/14-26	18152318
28	13 and 27	21235
29	limit 28 to english language	20898
30	limit 28 to no language specified	0
31	29 or 30	20898
32	limit 31 to yr="2000 -Current"	19438
33	limit 32 to (conference abstract or editorial or erratum or note or addresses or autobiography or bibliography or biography or blogs or comment or dictionary or directory or interactive tutorial or interview or lectures or legal cases or legislation or news or newspaper article or overall or patient education handout or periodical index or portraits or published erratum or video-audio media or webcasts) [Limit not valid in CCTR,Embase,Ovid MEDLINE(R); records were retained]	2407
34	32 not 33	17031
35	limit 34 to yr="2020 -Current"	5436
36	remove duplicates from 35	4105
37	limit 34 to yr="2014 -2019"	5862
38	remove duplicates from 37	4053
39	34 not (35 or 37)	5733
40	remove duplicates from 39	3744
41	36 or 38 or 40	11902

ClinicalTrials.Gov

Condition or Disease

Type 2 Diabetes

Other terms

"2-Hydroxypropyl-beta-cyclodextrin" OR "alimentary carbohydrate" OR "alpha-Cyclodextrin" OR Amylopectin OR Amylose OR "beta-Cyclodextrin" OR "carbohydrate consumption" OR "carbohydrate feeding" OR Cyclodextrins OR Dextrin OR "diet carbohydrate"

"Dietary Carbohydrate" OR "dietary intake" OR "Dietary Sucrose" OR "Dietary Sugar" OR "digestible carbohydrate" OR "fructose intake" OR "gamma-Cyclodextrin" OR "glucose intake" OR "High Fructose Corn Syrup" OR "Hydroxyethyl Starch Derivative"

Inulin OR "Resistant Starch" OR "saccharide intake" OR Starch OR "sugar intake" ketogenic OR "Carbohydrate restricted" OR "Carbohydrate restriction" OR "low carbohydrate diet"

First Posted

1/1/2000-8/21/2023