

Database(s): Ovid MEDLINE(R) ALL

#	Searches
1	obesity/
2	obesity, morbid/
3	obesity, abdominal/
4	obesity, metabolically benign/
5	overweight/
6	(adipos* or obes* or overweight* or over weight*).ti,ab,kf.
7	or/1-6 [Obesity]
8	exp behavior therapy/
9	exp counseling/
10	social support/
11	program evaluation/
12	exp exercise/
13	exp exercise therapy/
14	exp "physical education and training"/
15	exp exercise movement techniques/
16	exp physical fitness/
17	accidental falls/
18	postural balance/
19	motor activity/
20	gait/
21	exp muscle strength/
22	exp diet/
23	exp diet therapy/
24	fasting/
25	food preferences/
26	patient education as topic/
27	health education/
28	exp health behavior/
29	exp health promotion/
30	life style/
31	((obesity adj3 intervention) or program or programme).ti,ab,kf.
32	(lifestyle or life style).ti,ab,kf.
33	exercis*.ti,ab,kf.
34	(physic* adj (activ* or fit*)).ti,ab,kf.

35	(walk* or swim* or aqua or cycl* or weight lift* or danc* or aerobics or balance or electric* muscle stimulation or neuromuscular electric* stimulation or electromyostimulation or ems).ti,ab,kf.
36	((physic* or strength* or resist* or circuit or weight or aerob* or cross or endurance or vibration*) adj3 train*).ti,ab,kf.
37	(behavio?ral or behavio?r modification* or psychoth* or psychosocial).ti,ab,kf.
38	((group or cognit* or behav*) adj therap*).ti,ab,kf.
39	counsel?ing.ti,ab,kf.
40	educat*.ti,ab,kf.
41	(diet* or healthy nutrition or (nutrition* adj (knowledge or educat* or therap* or program* or intervention*))).ti,ab,kf.
42	(low-calori* or calori* restrict* or low-energ* or energ* restrict* or low-carbohydrate or high-carbohydrate or low-fat or high-fat or low-protein or high-protein or vegetarian or vegan or mediterranean or dash).ti,ab,kf.
43	weight loss/
44	(weight adj1 (reduc* or los* or control* or manag*).ti,ab,kf.
45	or/8-44 [Interventions]
46	obesity/ or obesity, abdominal/ or obesity, morbid/ or overweight/ or obesity, metabolically benign/
47	(diet therapy or prevention & control or rehabilitation or therapy or psychology).fs.
48	46 and 47 [MeSH/subheading combination]
49	exp weight reduction programs/
50	or/48-49 [Obesity-specific interventions]
51	7 and 45 [Obesity AND Interventions]
52	or/50-51 [Obesity interventions complete: (Obesity AND Interventions) OR Obesity-specific interventions]
53	exp aged/
54	geriatrics/
55	frailty/
56	sarcopenia/
57	Independent Living/
58	((old* or senior or age*) adj2 (adult* or person* or subject* or individual* or people or group* or m?n or wom?n or patient* or client* or outpatient* or citizen* or "60" or "65" or age*).ti,ab,kf.
59	(elder* or eldes* or geriat* or geronto* or frail* or sarcopen* or senior* or agedly or ag?ing).ti,ab,kf.
60	community-dwell*.ti,ab,kf.
61	((commun* or indepen*) adj1 (dwell* or livi*).ti,ab,kf.
62	((("60" or "65") adj1 year*).ti,ab,kf.
63	((advanc* or high*) adj1 age*).ti,ab,kf.

64	(super adj1 age*).ti,ab,kf.
65	(superage* or super-age* or centen* or centa* or nonagen* or octagen* or sept?agen* or supercenten* or senium*).ti,ab,kf.
66	or/53-65 [Age group]
67	randomized controlled trial.pt.
68	controlled clinical trial.pt.
69	randomi?ed.ab.
70	placebo.ab.
71	clinical trials as topic.sh.
72	randomly.ab.
73	trial.ti.
74	or/67-73
75	exp animals/ not humans.sh.
76	74 not 75 [Study filter (Cochrane Handbook v5.0.2 2008 RCT filter - sensitivity and precision maximizing version)]
77	52 and 66 [Obesity interventions complete AND Age group]
78	77 and 76 [Obesity interventions complete AND Age group AND Study filter]
79	(exp infant/ or exp child/ or adolescent/ or young adult/ or middle aged/) not exp aged/ [Child/adolescent/middle aged adults-only studies]
80	78 not 79 [Remove Child/adolescent/middle aged adults-only studies]