

Supplementary Table 1: MEDLINE (Ovid) Search Strategy

Search Date: 7/19/2024

Databases Referenced: MEDLINE (Ovid), Embase (Ovid), CINAHL (EbscoHost), PsycINFO (EbscoHost), Cochrane Library (Wiley), Scopus (Elsevier).

Major Search Terms	Variations of Search Term
Body weight changes	1. Exp body weight changes/
Obesity	2. Obesity/ or obesity, abdominal/ or obesity, metabolically benign/ or obesity, morbid/
Diabetes mellitus prevention	3. exp Diabetes Mellitus/pc [Prevention & Control]
Prediabetic state	4. Prediabetic State/ or (prediabet* or pre-diabet* or overweight).mp.
Behavioral weight control intervention	5. ((weight or obes* or diabetes) adj3 (loss or gain or prevent* or control*)).mp. 6. exp Diet Therapy/ 7. Nutrition Therapy/ 8. behavi?r* or lifestyle* or "life style*" or diet* or nutrition*).mp. 9. (program* or intervent* or trial*).mp.
Hispanic or Latino	10. exp "Hispanic or Latino"/ 11. hispanic*.mp. 12. (Latin American* or Latino* or Latinx).mp. 13. (Mexican-American* or Chicano*).mp. 14. Puerto Rico/ 15. (Puerto Rico or Puerto Rican*).mp.16. (Spanish descent or Spanish descendant or Spanish descendants or Spanish origin or Spanish origins or Spanish American*).mp.
Child or woman	23. (child* or infant* or infancy or baby* or preschool* or pediatric or pregnan* or gestation* or postpartum or prenatal or antenatal or adolescen* or youth* or teen* or "high school*" or mother* or maternal or wom?n or female* or latina or latinas).ti.
Man	24. (father* or paternal or man or men or "adult male*").ti. or (father* or paternal or man or men or "adult male*").ab.
Studies published in English	27. limit 26 to english language
Other specifications	17. or/1-5 18. or/6-7 19. 8 and 9 20. or/18-19 21. or/10-16 22. 17 and 20 and 21 25. 23 not 24 26. 22 not 25