Supplementary Figure 3: PRISMA flowchart

Flowchart detailing the number of papers retrieved at the beginning of the screening process, and reasons for exclusion at each stage.

427 papers retrieved after searching PubMed, Medline and EMBASE

197 duplicates removed

230 titles and abstracts screened

143 removed:
  -- 100 irrelevant study design (Review, case study, animal studies, etc)
  -- 25 conference abstracts (10 datasets retrieved as journal articles)
  -- 17 immediately identified as adult studies (Age > 19 at baseline for relevant analyses)

87 pass title and abstract screening

67 removed:
  -- 61 irrelevant exposure, outcome, or population, inadequate adjustment, or no data presented (even in text)
  -- 6 participants selected on the basis of a comorbidity other than adiposity

20 pass full text screening

3 added:
  2 from reference lists / author knowledge
  1 peer-reviewed version of conference abstract

23 papers (32 estimates) included in narrative synthesis

13 estimates not possible to meta-analyse
  1 reported no formal estimate
  3 studied twins (not otherwise comparable)
  9 not combinable with any other estimate

19 estimates (19 papers) included in meta-analysis