Supplementary Online Content


eFigure. Manuscript identification for systematic review

This supplementary material has been provided by the authors to give readers additional information about their work.
Figure 1. Manuscript identification for systematic review

7,371 titles or abstracts identified in initial search
-7,247 via literature search
-124 via bibliography search or expert referral

327 Clinical Studies requiring review of journal article

29 Clinical Studies included:
-10 Randomized Controlled trials
-1 Matched Cohort study
-6 Prospective Cohort studies
-1 Retrospective Cohort study
-11 Case series studies

-5,728 excluded via title:
  Other, 1,261
  Other procedures, 1,432
  Non-surgical, 515
  Other intervention or outcome, 2,520

-1,132 excluded via abstract:
  Other procedures, 330
  Non-English, 74
  Other outcome, 239
  Duplicate cohort, 45
  Pediatric patients, 40
  Sampling bias, 19
  BMI < 35 kg/m², 11
  n < 50, 10

-184 review articles excluded after review journal article:
  Non-systematic, 108
  Other procedure, 9
  Other outcome, 8
  Pediatric patients, 7
  Includes <2 year outcomes or <80% follow-up, 52

-298 excluded after full review journal article:
  Follow-up mean >2 years post operation, & range includes patients <2 years post, 70
  Follow-up <80% of total cohort, 105
  BMI < 35 kg/m², 21
  Other procedure, 16
  Nonconsecutive sampling, 25
  Duplicate data, 4
  Pediatric patients, 3
  n < 50, 31
  Outcome of interest, but lacking adequate detail to assess fully, 22

Breakdown of 29 studies by reported outcome*:
-22 Weight loss
-6 Type 2 Diabetes improvement
-3 Hypertension improvement
-4 Dyslipidemia improvement

*4 studies reported
>1 outcome.

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