

**S1 Figure a.** Search strategy for MEDLINE via Ovid

((((Endometrium/ or Uterine Neoplasms/ or Endometrial Neoplasms/ or endometrial.mp. or Adenocarcinoma/) OR (endometri\*.mp.) OR (uteri\*.mp))) AND ((cancer.mp. or Neoplasms/) OR (neoplasm\*.mp.) OR (cancer\*.mp.) OR (tumor\*.mp.) OR (malignanc\*.mp.) OR (neoplasia.mp.)) ) AND (((bariatric surgery.mp. or Bariatric Surgery/ or Biliopancreatic Diversion/) OR (jejunoileal bypass\*.mp.) OR (bariatric surger\*.mp.) OR (vertical banded gastroplast\*.mp.) OR (vertical sleeve gastrectomy.mp.) OR (gastric bypass\*.mp.) OR (Roux-en-Y anastomosis.mp.) OR (Roux-en-Y gastric bypass.mp.) OR (Anastomosis, Roux-en-Y/) OR (gastric banding.mp.)) OR ((weight loss.mp. or Weight Loss/) OR (weight control.mp. or Diet, Reducing/) OR (weight management.mp.) OR (Energy Intake/ or Caloric Restriction/ or caloric restrict.mp.) OR (diet.mp. or Diet/) OR (physical activity.mp. or Exercise/) OR (exercise\*.mp.) OR (sport\*.mp.) OR (Physical Fitness/ or Exercise Therapy/ or fitness.mp.)))

## S1 Figure b. Search strategies for Embase

Embase®

### Embase Session Results

No.	Query	Results
#38	#37 AND 'hum an'/de AND (2000:py OR2001:py OR 2002:py OR 2003:py OR 2004:py OR 2005:py OR 2006:py OR 2007:py OR 2008:py OR 2009:py OR 2010:py OR 2011:py OR 2012:py OR 2013:py OR 2014:py OR 2015:py OR 2016:py OR 2017:py OR 2018:py)AND [embase]/lim NOT [em base]/lim AND [medline]/lim )AND [female]/lim AND ('article'/it OR 'article in press'/it OR 'conference paper'/it)	335
#37	#35 AND #36	4,873
#36	#11 OR #24	1,577,604
#35	#27 AND #34	198,638
#34	#28 OR #29 OR #30 OR #31 OR #32 OR #33	4,904,739
#33	neoplasia	75,800
#32	malignanc*	322,559
#31	tum or*	2,764,003
#30	cancer*	3,525,476
#29	neoplasm*	963,778
#28	'neoplasm'	814,141
#27	#25 OR #26	380,441
#26	uterine	278,928
#25	endometri*	143,234
#24	#12 OR #13 OR #14 OR #15 OR #16 OR #17 OR #18 OR #19 OR #20 OR #21 OR #22 OR #23	1,553,073
#23	'fitness'	87,043
#22	sport*	254,835
#21	'exercise'	465,737
#20	exercise*	490,378
#19	'physical activity'	170,963
#18	'diet'	646,524
#17	'caloric restriction'	16,114
#16	'w eight management'	7,845
#15	'w eight control'	10,324
#14	'w eight reduction'	150,809
#13	'w eight loss program'	2,697
#12	weight AND loss	169,741
#11	#1 OR #2 OR #3 OR #4 OR #5 OR #6 OR #7 OR #8 OR #9 OR #10	49,295
#10	'biliopancreatic bypass'	2,780
#9	'roux y anastom osis'	8,388
#8	'roux-en-y gastric bypass'	10,190
#7	'gastric banding'	7,234
#6	gastric AND bypass*	22,441
#5	'vertical sleeve gastrectomy'	413
#4	vertical AND banded AND gast roplast *	1,151
#3	bariatric AND surger*	33,154
#2	jejunoileal AND bypass*	1,432
#1	'bariatric surgery'	30,740

ELSEVIER

<https://www.embase.com/search/results>

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## S1 Figure c. Search strategies for Cochrane Central Register of Controlled Trials

Description:

ID	Search	Hits
#1	endometri*	7149
#2	uterine	12154
#3	#1 or #2 Publication Year from 2000 to 2018 (Word variations have been searched)	10498
#4	MeSH descriptor: [Neoplasms] explode all trees	63832
#5	neoplasm*	66788
#6	cancer*	126704
#7	tumor*	44850
#8	malignanc*	8994
#9	neoplasia	2183
#10	#4 or #5 or #6 or #7 or #8 or #9	156010
#11	#3 and #10 Publication Year from 2000 to 2018 (Word variations have been searched)	4023
#12	MeSH descriptor: [Weight Loss] explode all trees	4946
#13	MeSH descriptor: [Exercise] explode all trees	20493
#14	MeSH descriptor: [Diet] explode all trees	16346
#15	weight control	31190
#16	weight loss	18807
#17	weight management	0
#18	caloric restriction	1786
#19	physical activity	25600
#20	exercise*	69340
#21	sport*	18081
#22	fitness	7635
#23	#12 or #13 or #14 or #15 or #16 or #17 or #18 or #19 or #20 or #21 or #22 Publication Year from 2000 to 2018 (Word variations have been searched)	88460
#24	bariatric surger*	1504
#25	jejunoileal bypass*	74
#26	vertical banded gastroplast*	76
#27	vertical sleeve gastrectomy	29
#28	gastric bypass*	1390
#29	gastric banding	391
#30	roux-en-y gastric bypass	686
#31	roux-en-y anastomosis	340
#32	biliopancreatic diversion*	92
#33	MeSH descriptor: [Bariatric Surgery] explode all trees	1088
#34	#24 or #25 or #26 or #27 or #28 or #29 or #30 or #31 or #32 or #33 Publication Year from 2000 to 2018 (Word variations have been searched)	1923
#35	#23 or #34 Publication Year from 2000 to 2018	89406
#36	#11 and #35 Publication Year from 2000 to 2018 (Word variations have been searched)	166