

Søgeprotokol for Nationale Kliniske Retningslinjer

Projekttitle/aspekt	NKR for Fedmekirurgi – primær litteratur søgning på PICO's
Fagkonsulent /projektleder	Sigrid Bjerge Gribsholt / Rasmus Trap Wolf, KORA
Søgespecialist	Birgitte Holm Petersen, SST
Senest opdateret	15. april 2016

Baggrund	<p>PICO 1 Bør voksne patienter (over 18 år) med Body Mass Index (BMI) mellem 40 og 50 kg/m² uden specifikke fedmerelaterede komplikationer (diabetes, artrose, PCOS, søvnapnø, svært regulerbar hypertension) tilbydes laparoskopisk fedmekirurgi?</p> <p>PICO 2 Bør voksne patienter mellem 18 og 25 år med Body Mass Index (BMI) over 40 kg/m² tilbydes laparoskopisk fedmekirurgi?</p> <p>PICO 3 Bør patienter med BMI over 35 kg/m² og samtidig forekomst af non-alkoholisk steato-hepatitis (NASH) og fibrose tilbydes fedmekirurgi?</p> <p>PICO 4 Fedmekirurgi til kvinder med BMI >40 kg/ m² eller BMI> 35 kg/m² og PCOS med henblik på graviditet, samt morbiditet og mortalitet hos mor og barn?</p> <p>PICO 5 Bør voksne patienter visiteret til fedmekirurgi tilbydes laparoskopisk Roux-en-Y gastrisk bypass eller laparoskopisk gastrisk sleeve operation?</p> <p>PICO 6 Bør slidserne (åbningerne i peritoneum) lukkes under den primære (antekoliske) Roux-en-Y gastrisk bypass operation?</p> <p>PICO 7 Bør fedmekirurgiopererede patienter tilbydes psykologisk vurdering efter operation?</p> <p>PICO 8 Bør fedmekirurgiopererede patienter tilbydes systematisk kontrol med DXA-scanning med henblik på at forebygge osteoporose?</p>
Søgetermer	Se søgestrategierne under de enkelte PICO's
Inklusions- og eksklusionskriterier	<p>Sprog: Engelsk, dansk, norsk og svensk</p> <p>År: angivet ved de enkelte søgestrategier</p> <p>Population: ingen afgrænsning</p> <p>Publikationstyper: controlled clinical trial, randomized controlled trials. For PICO 3 og 4 er der også søgt på observationelle studier</p>

Informationskilder

DATABASE	INTERFACE	DATO FOR SØGNING
Medline	OVID	22. januar til 25. februar 2016
EMBASE	OVID	22. januar til 25. februar 2016
Psycinfo	OVID	22. januar til 8. februar 2016

Note

- Søgetermer og inklusions- og eksklusionskriterier er tilpasset de enkelte databaser.
- Dubletter er så vidt muligt frasorteret ved hjælp af RefWorks. De fundne referencer overføres til Covidence (referenceværktøj)
- Fuldtekster præsenteres i Covidence i pdf-format
- Søgestrategi for hver enkelt database præsenteres – hvis muligt vises det eksplicit hvor mange referencer den enkelte søgestreng genererer

Søgestrategi

PICO 1 og 2

Medline (160216)

Database(s): Ovid MEDLINE(R) In-Process & Other Non-Indexed Citations and Ovid MEDLINE(R) 1946 to Present

Search Strategy:

#	Searches	Results
1	Bariatric Surgery/ or bariatric*.mp.	11671
2	bariatrics.mp. or Bariatrics/	261
3	Bariatric Surgery/ or bariatric surger*.mp.	10126
4	Bariatric Medicine/ or bariatric*.mp.	11671
5	obesity surger*.mp.	638
6	bariatric surgeries.mp.	197
7	laparoscopic surgery/	66237
8	laparoscopic roux-en-y gastric bypass*.mp.	1238
9	stomach bypass/ or stomach bypass*.mp.	17
10	laparoscopic gastric sleeve*.mp.	25
11	gastric sleeve/ or gastric sleeve*.mp.	120
12	or/1-11	76337
13	body mass index.mp. or body mass/	161151
14	body weight/ or BMI.mp.	251718
15	bmi.mp. or Body Mass Index/	139262

16	Waist Circumference/ or waist circumference*.mp.	18795
17	anthropometry.mp. or Anthropometry/	37327
18	Body Weight/ or body weight*.mp.	293617
19	(body weights and measure*).mp. [mp=title, abstract, original title, name of substance word, subject heading word, keyword heading word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier]	7560
20	(body mass index or body mass or (body weight or BMI) or (bmi or Body Mass Index) or (Waist Circumference or waist circumference*) or (anthropometry or Anthropometry) or (Body Weight or body weight*) or (body weights and measure*)).ti,ab,sh,kw.	495759
21	or/13-20	495988
22	((random* or control?ed or crossover or cross-over or blind* or mask*) adj3 (trial*1 or study or studies or analy*)) or rct).ti,ab,kw,sh.	482481
23	12 and 21 and 22	660
24	12 and 21	8630
25	limit 24 to (controlled clinical trial or randomized controlled trial)	487
26	23 or 25	845
27	limit 26 to yr="2011 - 2016"	454
28	Job Satisfaction/ or job satisfaction*.mp.	22247
29	worklife*.mp. or Employment/	39371
30	Employment, Supported/ or Employment/ or employment*.mp.	70301
31	Work/ or Work Performance/ or work*.mp. or Return to Work/	1094946
32	28 or 29 or 30 or 31	1146756
33	(Job Satisfaction or job satisfaction* or (worklife* or Employment) or (Employment, Supported or Employment or employment*) or (Work or Work Performance or work* or Return to Work)).ti,ab,kw,sh.	1125819

34 24 and 32	311
35 22 and 34	27
36 limit 34 to (controlled clinical trial or randomized controlled trial)	20
37 35 or 36	32
38 limit 37 to yr="2005 - 2016"	25
39 27 or 37	475

Embase (160216)

Database(s): **Embase** 1996 to 2016 Week 07

Search Strategy:

#	Searches	Results
1	Bariatric Surgery/ or bariatric*.mp.	24185
2	bariatrics.mp. or Bariatrics/	240
3	Bariatric Surgery/ or bariatric surger*.mp.	22377
4	Bariatric Medicine/ or bariatric*.mp.	24185
5	obesity surger*.mp.	1220
6	bariatric surgeries.mp.	443
7	laparoscopic surgery/	57861
8	laparoscopic roux-en-y gastric bypass*.mp.	2179
9	stomach bypass/ or stomach bypass*.mp.	13233
10	laparoscopic gastric sleeve*.mp.	58

11	gastric sleeve/ or gastric sleeve*.mp.	474
12	or/1-11	84358
13	body mass index.mp. or body mass/	256021
14	body weight/ or BMI.mp.	319600
15	bmi.mp. or Body Mass Index/	281855
16	Waist Circumference/ or waist circumference*.mp.	36785
17	anthropometry.mp. or Anthropometry/	33804
18	Body Weight/ or body weight*.mp.	244026
19	(body weights and measure*).mp. [mp=title, abstract, heading word, drug trade name, original title, device manufacturer, drug manufacturer, device trade name, keyword]	2214
20	(body mass index or body mass or (body weight or BMI) or (bmi or Body Mass Index) or (Waist Circumference or waist circumference*) or (anthropometry or Anthropometry) or (Body Weight or body weight*) or (body weights and measure*)).ti,ab,sh,kw.	556705
21	or/13-20	559400
22	((random* or control?ed or crossover or cross-over or blind* or mask*) adj3 (trial*1 or study or studies or analy*)) or rct).ti,ab,kw,sh.	548344
23	12 and 21 and 22	1225
24	12 and 21	18710
25	limit 24 to (controlled clinical trial or randomized controlled trial)	740
26	23 or 25	1531
27	limit 26 to yr="2011 - 2016"	971
28	Job Satisfaction/ or job satisfaction*.mp.	18921
29	worklife*.mp. or Employment/	34107

30 Employment, Supported/ or Employment/ or employment*.mp.	59350
31 Work/ or Work Performance/ or work*.mp. or Return to Work/	1151409
32 28 or 29 or 30 or 31	1192837
33 24 and 32	774
34 22 and 33	52
35 limit 33 to (controlled clinical trial or randomized controlled trial)	38
36 34 or 35	66
37 limit 36 to yr="2005 - 2016"	60
38 27 or 36	992

Supplerende søgning på cohort/observationelle studier for PICO 1

Medline (150416)

Database(s): **Ovid MEDLINE(R) In-Process & Other Non-Indexed Citations and Ovid MEDLINE(R)** 1946 to Present

Search Strategy:

#	Searches	Results	Annotations
1	Bariatric Surgery/ or bariatric*.mp.	12105	
2	bariatrics.mp. or Bariatrics/	266	
3	Bariatric Surgery/ or bariatric surger*.mp.	10528	
4	Bariatric Medicine/ or bariatric*.mp.	12105	
5	obesity surger*.mp.	655	
6	bariatric surgeries.mp.	207	
7	laparoscopic surgery/	67287	
8	laparoscopic roux-en-y gastric bypass*.mp.	1274	
9	stomach bypass/ or stomach bypass*.mp.	17	
10	laparoscopic gastric sleeve*.mp.	26	
11	gastric sleeve/ or gastric sleeve*.mp.	127	

12 or/1-11	77778
13 body mass index.mp. or body mass/	165798
14 body weight/ or BMI.mp.	256034
15 bmi.mp. or Body Mass Index/	143421
16 Waist Circumference/ or waist circumference*.mp.	19377
17 anthropometry.mp. or Anthropometry/	37768
18 Body Weight/ or body weight*.mp.	297166
(body weights and measure*).mp. [mp=title, abstract, original title, name of substance word,	
19 subject heading word, keyword heading word, protocol supplementary concept word, rare	7678
disease supplementary concept word, unique identifier]	
(body mass index or body mass or (body weight or BMI) or (bmi or Body Mass Index) or	
20 (Waist Circumference or waist circumference*) or (anthropometry or Anthropometry) or (Body	504689
Weight or body weight*) or (body weights and measure*)),ti,ab,sh,kw.	
21 or/13-20	504941
22 12 and 21	8917
23 mortality/ or mortality.mp.	575571
24 Cohort Studies/ or cohort analysis/ or cohort stud*.mp.	256749
25 ((cohort* or longitud* or follow-up or follow up or followup or retro-spective or retrospective or	579288
observational or multi-cent* or multicent*) adj3 (study or studies or trial*1 or analys*)),ti,ab,kw.	
26 Cohort Studies/ or cohort stud*.mp.	256749
27 Retrospective Studies/ or observational stud*.mp.	637002
28 24 or 25 or 26 or 27	1078293
29 22 and 23 and 28	549
30 limit 29 to yr="2014 - 2016"	118

Embase (150416)

Database(s): **Embase** 1996 to 2016 Week 15

Search Strategy:

#	Searches	Results	Annotations
1	Bariatric Surgery/ or bariatric*.mp.	24619	
2	bariatrics.mp. or Bariatrics/	245	
3	Bariatric Surgery/ or bariatric surger*.mp.	22775	

4	Bariatric Medicine/ or bariatric*.mp.	24619
5	obesity surger*.mp.	1235
6	bariatric surgeries.mp.	449
7	laparoscopic surgery/	58703
8	laparoscopic roux-en-y gastric bypass*.mp.	2204
9	stomach bypass/ or stomach bypass*.mp.	13431
10	laparoscopic gastric sleeve*.mp.	58
11	gastric sleeve/ or gastric sleeve*.mp.	487
12	or/1-11	85667
13	body mass index.mp. or body mass/	261321
14	body weight/ or BMI.mp.	325562
15	bmi.mp. or Body Mass Index/	285129
16	Waist Circumference/ or waist circumference*.mp.	37504
17	anthropometry.mp. or Anthropometry/	34293
18	Body Weight/ or body weight*.mp.	248339
19	(body weights and measure*).mp. [mp=title, abstract, heading word, drug trade name, original title, device manufacturer, drug manufacturer, device trade name, keyword]	2250
20	(body mass index or body mass or (body weight or BMI) or (bmi or Body Mass Index) or (Waist Circumference or waist circumference*) or (anthropometry or Anthropometry) or (Body Weight or body weight*) or (body weights and measure*)).ti,ab,sh,kw.	567116
21	or/13-20	569844
22	12 and 21	19010
23	mortality/ or mortality.mp.	858009
24	Cohort Studies/ or cohort analysis/ or cohort stud*.mp.	279394
25	observational study/ or observational stud*.mp.	121861
26	((cohort* or longitud* or follow-up or follow up or followup or retro-spective or retrospective or observational or multi-cent* or multicent*) adj3 (study or studies or trial*1 or analys*)).ti,ab,kw.	770601
27	24 or 25 or 26	885608
28	*Cohort Studies/ or *cohort analysis/ or Cohort Stud*.mp.	158636
29	22 and 23 and 27	604
30	limit 29 to yr="2014 - 2016"	194

PICO 3

Medline (160216)

Database(s): Ovid MEDLINE(R) In-Process & Other Non-Indexed Citations and Ovid MEDLINE(R) 1946 to Present

Search Strategy:

#	Searches	Results
1	Bariatric Surgery/ or bariatric*.mp.	11671
2	bariatrics.mp. or Bariatrics/	261
3	Bariatric Surgery/ or bariatric surger*.mp.	10126
4	Bariatric Medicine/ or bariatric*.mp.	11671
5	obesity surger*.mp.	638
6	bariatric surgeries.mp.	197
7	laparoscopic surgery/	66237
8	laparoscopic roux-en-y gastric bypass*.mp.	1238
9	stomach bypass/ or stomach bypass*.mp.	17
10	laparoscopic gastric sleeve*.mp.	25
11	gastric sleeve/ or gastric sleeve*.mp.	120
12	exp nonalcoholic fatty liver/	4303
13	nonalcoholic fatty liver disease*.mp.	4752
14	nonalcoholic steatohepatitis*.mp.	2848
15	or/1-11	76337
16	or/12-14	8507
17	15 and 16	288

18	((random* or control?ed or crossover or cross-over or blind* or mask*) adj3 (trial*1 or study or studies or analy*)) or rct).ti,ab,kw,sh.	482481
19	17 and 18	17
20	limit 17 to (controlled clinical trial or randomized controlled trial)	2
21	19 or 20	17

Embase (160216)

Database(s): **Embase** 1996 to 2016 Week 07

Search Strategy:

#	Searches	Results
1	Bariatric Surgery/ or bariatric*.mp.	24185
2	bariatrics.mp. or Bariatrics/	240
3	Bariatric Surgery/ or bariatric surger*.mp.	22377
4	Bariatric Medicine/ or bariatric*.mp.	24185
5	obesity surger*.mp.	1220
6	bariatric surgeries.mp.	443
7	laparoscopic surgery/	57861
8	laparoscopic roux-en-y gastric bypass*.mp.	2179
9	stomach bypass/ or stomach bypass*.mp.	13233
10	laparoscopic gastric sleeve*.mp.	58
11	gastric sleeve/ or gastric sleeve*.mp.	474
12	exp nonalcoholic fatty liver/	19531

13 nonalcoholic fatty liver disease*.mp.	7539
14 nonalcoholic steatohepatitis*.mp.	4399
15 or/1-11	84358
16 or/12-14	21235
17 15 and 16	1089
18 (((random* or control?ed or crossover or cross-over or blind* or mask*) adj3 (trial*1 or study or studies or analy*)) or rct).ti,ab,kw,sh.	548344
19 17 and 18	49
20 limit 17 to (controlled clinical trial or randomized controlled trial)	14
21 19 or 20	56

PICO 3 (250216)

Observationellestudier

Database(s): **Ovid MEDLINE(R) In-Process & Other Non-Indexed Citations and Ovid MEDLINE(R)** 1946 to Present

Search Strategy:

#	Searches	Results
1	Bariatric Surgery/ or bariatric*.mp.	11728
2	bariatrics.mp. or Bariatrics/	262
3	Bariatric Surgery/ or bariatric surger*.mp.	10176
4	Bariatric Medicine/ or bariatric*.mp.	11728
5	obesity surger*.mp.	640
6	bariatric surgeries.mp.	197

7	laparoscopic surgery/	66453
8	laparoscopic roux-en-y gastric bypass*.mp.	1241
9	stomach bypass/ or stomach bypass*.mp.	17
10	laparoscopic gastric sleeve*.mp.	25
11	gastric sleeve/ or gastric sleeve*.mp.	121
12	or/1-11	76601
13	exp nonalcoholic fatty liver/	4351
14	nonalcoholic fatty liver disease*.mp.	4779
15	non-alcoholic fatty liver disease*.mp.	6763
16	(nonalcoholic steatohepatitis* or non-alcoholic steatohepatitis*).mp.	4843
17	or/13-16	11688
18	12 and 17	370
19	limit 18 to (comparative study or evaluation studies or multicenter study or observational study or twin study or validation studies)	43
20	exp Epidemiologic studies/	1834583
21	((Epidemiologic or cohort* or perspective or prospective or longitud* or follow-up or follow up or followup or retro-spective or retrospective or case-control* or case control* or observational or cross-section* or cross section* or multi-cent* or multicent* or evaluation or comparative or intervention or provoca* or validation) adj3 (study or studies or trial*1 or analys*)).ti,ab,kw.	1147017
22	20 or 21	2351964
23	18 and 22	141
24	19 or 23	156
25	limit 24 to yr="2014 -Current"	40

EMBASE (250216)

Database(s): **Embase** 1974 to 2016 February 24

Search Strategy:

#	Searches	Results
1	Bariatric Surgery/ or bariatric*.mp.	24391
2	bariatrics.mp. or Bariatrics/	241
3	Bariatric Surgery/ or bariatric surger*.mp.	22544
4	Bariatric Medicine/ or bariatric*.mp.	24391
5	obesity surger*.mp.	1294
6	bariatric surgeries.mp.	444
7	laparoscopic surgery/	59924
8	laparoscopic roux-en-y gastric bypass*.mp.	2181
9	stomach bypass/ or stomach bypass*.mp.	13713
10	laparoscopic gastric sleeve*.mp.	58
11	gastric sleeve/ or gastric sleeve*.mp.	475
12	or/1-11	87115
13	exp nonalcoholic fatty liver/	19626
14	(nonalcoholic fatty liver disease* or non-alcoholic fatty liver disease*).mp.	14221
15	(nonalcoholic steatohepatitis* or non-alcoholic steatohepatitis*).mp.	7912
16	or/13-15	22857
17	12 and 16	1127
18	limit 17 to multicenter study	2

19	Observational study/ or Multicenter study/ or Evaluation study/ or exp comparative study/ or exp case control study/ or intervention study/ or exp longitudinal study/ or prospective study/ or retrospective study/ or Follow up/ or validation study/ or cohort analysis/ or cross-sectional study/ or crossover procedure/ or double blind procedure/ or single blind procedure/	3241962
20	((Epidemiologic or cohort* or perspective or prospective or longitud* or follow-up or follow up or followup or retro-spective or retrospective or case-control* or case control* or observational or cross-section* or cross section* or multi-cent* or multicent* or evaluation or comparative or intervention or provoca* or validation) adj3 (study or studies or trial*1 or analys*)).ti,ab,kw.	1595997
21	19 or 20	3856087
22	17 and 21	292
23	18 or 22	292
24	limit 23 to yr="2014 -Current"	104

PICO 4

Medline (170116)

Database(s): **Ovid MEDLINE(R) In-Process & Other Non-Indexed Citations and Ovid MEDLINE(R)** 1946 to Present

Search Strategy:

#	Searches	Results
1	Bariatric Surgery/ or bariatric*.mp.	11678
2	bariatrics.mp. or Bariatrics/	261
3	Bariatric Surgery/ or bariatric surger*.mp.	10131
4	Bariatric Medicine/ or bariatric*.mp.	11678
5	obesity surger*.mp.	639
6	bariatric surgeries.mp.	197
7	laparoscopic surgery/	66237
8	laparoscopic roux-en-y gastric bypass*.mp.	1238
9	stomach bypass/ or stomach bypass*.mp.	17

10 laparoscopic gastric sleeve*.mp.	25
11 gastric sleeve/ or gastric sleeve*.mp.	120
12 pregnancy complication/ or pregnancy/ or pregnanc*.mp.	829712
13 fertility/ or fertilit*.mp. or reproduction/	124198
14 infertility/ or infertilit*.mp.	71236
15 pregnancy complication/ or labor complication/ or labor complication*.mp.	91184
16 cesarean deliver*.mp. or cesarean section/	40700
17 prematurity/ or premature deliver*.mp.	2584
18 birth weight/ or birth weight*.mp.	75926
19 gestational age.mp. or gestational age/	101647
20 maternal mortality/ or maternal death*.mp.	11562
21 abortion/ or abortion*.mp.	81260
22 macrosomia.mp. or macrosomia/	3440
23 gestational age/ or intrauterine growth retardation/ or intra uterine*.mp.	83311
24 or/1-11	76345
25 or/12-23	1026206
26 24 and 25	6652
27 (((random* or control?ed or crossover or cross-over or blind* or mask*) adj3 (trial*1 or study or studies or analy*)) or rct).ti,ab,kw,sh.	482772
28 26 and 27	350
29 limit 26 to (controlled clinical trial or randomized controlled trial)	294
30 28 or 29	464
31 limit 30 to yr="2005 - 2016"	228
32 limit 30 to yr="2005 - 2016"	228

Embase (170116)

Database(s): **Embase** 1996 to 2016 Week 07

Search Strategy:

#	Searches	Results
1	Bariatric Surgery/ or bariatric*.mp.	24185
2	bariatrics.mp. or Bariatrics/	240
3	Bariatric Surgery/ or bariatric surger*.mp.	22377
4	Bariatric Medicine/ or bariatric*.mp.	24185
5	obesity surger*.mp.	1220
6	bariatric surgeries.mp.	443
7	laparoscopic surgery/	57861
8	laparoscopic roux-en-y gastric bypass*.mp.	2179
9	stomach bypass/ or stomach bypass*.mp.	13233
10	laparoscopic gastric sleeve*.mp.	58
11	gastric sleeve/ or gastric sleeve*.mp.	474
12	pregnancy complication/ or pregnancy/ or pregnanc*.mp.	422259
13	fertility/ or fertilit*.mp. or reproduction/	120459
14	infertility/ or infertilit*.mp.	73857
15	pregnancy complication/ or labor complication/ or labor complication*.mp.	37495
16	cesarean deliver*.mp. or cesarean section/	55953
17	prematurity/ or premature deliver*.mp.	56606
18	birth weight/ or birth weight*.mp.	73110
19	gestational age.mp. or gestational age/	96763
20	maternal mortality/ or maternal death*.mp.	14526
21	abortion/ or abortion*.mp.	56038
22	macrosomia.mp. or macrosomia/	4758
23	gestational age/ or intrauterine growth retardation/ or intra uterine*.mp.	95758
24	or/1-11	84358
25	or/12-23	666631
26	24 and 25	5135
27	((((random* or control?ed or crossover or cross-over or blind* or mask*) adj3 (trial*1 or study or studies or	548344

analy*) or rct).ti,ab,kw,sh.

28	26 and 27	367
29	limit 26 to (controlled clinical trial or randomized controlled trial)	222
30	28 or 29	454
31	limit 30 to yr="2005 - 2016"	331

PICO 4 (250216)

observationellestudier

Database(s): **Ovid MEDLINE(R) In-Process & Other Non-Indexed Citations and Ovid MEDLINE(R)** 1946 to Present

Search Strategy:

#	Searches	Results
1	Bariatric Surgery/ or bariatric*.mp.	11728
2	bariatrics.mp. or Bariatrics/	262
3	Bariatric Surgery/ or bariatric surger*.mp.	10176
4	Bariatric Medicine/ or bariatric*.mp.	11728
5	obesity surger*.mp.	640
6	bariatric surgeries.mp.	197
7	laparoscopic surgery/	66453
8	laparoscopic roux-en-y gastric bypass*.mp.	1241
9	stomach bypass/ or stomach bypass*.mp.	17
10	laparoscopic gastric sleeve*.mp.	25
11	gastric sleeve/ or gastric sleeve*.mp.	121
12	or/1-11	76601

13 pregnancy complication/ or pregnancy/ or pregnanc*.mp.	830452
14 fertility/ or fertilit*.mp. or reproduction/	124369
15 infertility/ or infertilit*.mp.	71325
16 pregnancy complication/ or labor complication/ or labor complication*.mp.	91305
17 cesarean deliver*.mp. or cesarean section/	40746
18 prematurity/ or premature deliver*.mp.	2589
19 birth weight/ or birth weight*.mp.	75989
20 gestational age.mp. or gestational age/	101726
21 maternal mortality/ or maternal death*.mp.	11581
22 abortion/ or abortion*.mp.	81326
23 macrosomia.mp. or macrosomia/	3446
24 gestational age/ or intrauterine growth retardation/ or intra uterine*.mp.	83419
25 or/13-24	1027128
26 12 and 25	6663
27 limit 26 to (comparative study or evaluation studies or multicenter study or observational study or twin study or validation studies)	1035
28 exp Epidemiologic studies/	1834583
29 ((Epidemiologic or cohort* or perspective or prospective or longitud* or follow-up or follow up or followup or retro-spective or retrospective or case-control* or case control* or observational or cross-section* or cross section* or multi-cent* or multicent* or evaluation or comparative or intervention or provoca* or validation) adj3 (study or studies or trial*1 or analys*)).ti,ab,kw.	1147017
30 28 or 29	2351964
31 26 and 30	2005

32	27 or 31	2438
33	limit 32 to yr="2014 -Current"	210
34	limit 33 to (danish or english or german or norwegian or swedish)	189

EMBASE (250216)

Database(s): **Embase** 1974 to 2016 February 24

Search Strategy:

#	Searches	Results
1	Bariatric Surgery/ or bariatric*.mp.	24391
2	bariatrics.mp. or Bariatrics/	241
3	Bariatric Surgery/ or bariatric surger*.mp.	22544
4	Bariatric Medicine/ or bariatric*.mp.	24391
5	obesity surger*.mp.	1294
6	bariatric surgeries.mp.	444
7	laparoscopic surgery/	59924
8	laparoscopic roux-en-y gastric bypass*.mp.	2181
9	stomach bypass/ or stomach bypass*.mp.	13713
10	laparoscopic gastric sleeve*.mp.	58
11	gastric sleeve/ or gastric sleeve*.mp.	475
12	or/1-11	87115
13	pregnancy complication/ or pregnancy/ or pregnanc*.mp.	793076

14	fertility/ or fertilit*.mp. or reproduction/	169275
15	infertility/ or infertilit*.mp.	103640
16	pregnancy complication/ or labor complication/ or labor complication*.mp.	79227
17	cesarean deliver*.mp. or cesarean section/	73671
18	prematurity/ or premature deliver*.mp.	83869
19	birth weight/ or birth weight*.mp.	99884
20	gestational age.mp. or gestational age/	125103
21	maternal mortality/ or maternal death*.mp.	19786
22	abortion/ or abortion*.mp.	100089
23	macrosomia.mp. or macrosomia/	5669
24	gestational age/ or intrauterine growth retardation/ or intra uterine*.mp.	121604
25	or/13-24	1141314
26	12 and 25	5310
27	limit 26 to multicenter study	52
28	Observational study/ or Multicenter study/ or Evaluation study/ or exp comparative study/ or exp case control study/ or intervention study/ or exp longitudinal study/ or prospective study/ or retrospective study/ or Follow up/ or validation study/ or cohort analysis/ or cross-sectional study/ or crossover procedure/ or double blind procedure/ or single blind procedure/	3241962
29	((Epidemiologic or cohort* or perspective or prospective or longitud* or follow-up or follow up or followup or retro-spective or retrospective or case-control* or case control* or observational or cross-section* or cross section* or multi-cent* or multicent* or evaluation or comparative or intervention or provoca* or validation) adj3 (study or studies or trial*1 or analys*)).ti,ab,kw.	1595997
30	28 or 29	3856087
31	26 and 30	1940

32 27 or 31 1940

33 limit 32 to ((danish or english or german or norwegian or swedish) and yr="2014 -Current") 444

PICO 5

Medline (180216)

Database(s): **Ovid MEDLINE(R) In-Process & Other Non-Indexed Citations and Ovid MEDLINE(R)** 1946 to Present

Search Strategy:

#	Searches	Results
1	Bariatric Surgery/ or bariatric*.mp.	11697
2	bariatrics.mp. or Bariatrics/	261
3	Bariatric Surgery/ or bariatric surger*.mp.	10148
4	Bariatric Medicine/ or bariatric*.mp.	11697
5	obesity surger*.mp.	640
6	bariatric surgeries.mp.	197
7	laparoscopic surgery/	66337
8	laparoscopic roux-en-y gastric bypass*.mp.	1241
9	stomach bypass/ or stomach bypass*.mp.	17
10	laparoscopic gastric sleeve*.mp.	25
11	gastric sleeve/ or gastric sleeve*.mp.	119
12	or/1-11	76458
13	Diabetes Mellitus, Type 2/ or diabetes type 2*.mp.	95956
14	Hypoglycemia/ or hypoglycemia*.mp. or Blood Glucose/	160853
15	Patient Admission/ or admission*.mp.	166467
16	Gastroesophageal Reflux/ or Gastroesophageal Reflux*.mp.	27137
17	Cardiovascular Diseases/ or cardiovascular disease*.mp.	187605
18	Vitamin B 12 Deficiency/ or Vitamin B 12 Deficiency*.mp.	5597
19	13 or 14 or 15 or 16 or 17 or 18	599731
20	((random* or control?ed or crossover or cross-over or blind* or mask*) adj3 (trial*1 or study or studies or	483034

analy*) or rct).ti,ab,kw,sh.

(body mass index or body mass or (body weight or BMI) or (bmi or Body Mass Index) or (Waist

21	Circumference or waist circumference*) or (anthropometry or Anthropometry) or (Body Weight or body weight*) or (body weights and measure*).ti,ab,sh,kw.	496220
22	12 and 19 and 21	1365
23	20 and 22	133
24	limit 22 to (controlled clinical trial or randomized controlled trial)	90
25	23 or 24	160
26	limit 25 to yr="2005 - 2016"	149

Embase (180216)

Database(s): **Embase** 1996 to 2016 Week 07

Search Strategy:

#	Searches	Results
1	Bariatric Surgery/ or bariatric*.mp.	24185
2	bariatrics.mp. or Bariatrics/	240
3	Bariatric Surgery/ or bariatric surger*.mp.	22377
4	Bariatric Medicine/ or bariatric*.mp.	24185
5	obesity surger*.mp.	1220
6	bariatric surgeries.mp.	443
7	laparoscopic surgery/	57861
8	laparoscopic roux-en-y gastric bypass*.mp.	2179
9	stomach bypass/ or stomach bypass*.mp.	13233
10	laparoscopic gastric sleeve*.mp.	58
11	gastric sleeve/ or gastric sleeve*.mp.	474
12	or/1-11	84358
13	Diabetes Mellitus, Type 2/ or diabetes type 2*.mp.	14857
14	Hypoglycemia/ or hypoglycemia*.mp. or Blood Glucose/	138088
15	Patient Admission/ or admission*.mp.	273120
16	Gastroesophageal Reflux/ or Gastroesophageal Reflux*.mp.	36994
17	Cardiovascular Diseases/ or cardiovascular disease*.mp.	251188

18	Vitamin B 12 Deficiency/ or Vitamin B 12 Deficiency*.mp.	2799
19	13 or 14 or 15 or 16 or 17 or 18	690111
20	((((random* or control?ed or crossover or cross-over or blind* or mask*) adj3 (trial*1 or study or studies or analy*)) or rct).ti,ab,kw,sh. (body mass index or body mass or (body weight or BMI) or (bmi or Body Mass Index) or (Waist Circumference or waist circumference*) or (anthropometry or Anthropometry) or (Body Weight or body weight*) or (body weights and measure*)).ti,ab,sh,kw.	548344
21	22 and 19 and 21	556705
22	12 and 19 and 21	2630
23	20 and 22	162
24	limit 22 to (controlled clinical trial or randomized controlled trial)	96
25	23 or 24	196
26	limit 25 to yr="2005 - 2016"	181

Medline (170216)

Database(s): **Ovid MEDLINE(R) In-Process & Other Non-Indexed Citations and Ovid MEDLINE(R)** 1946 to Present

Search Strategy:

#	Searches	Results
1	Bariatric Surgery/ or bariatric*.mp.	11678
2	bariatrics.mp. or Bariatrics/	261
3	Bariatric Surgery/ or bariatric surger*.mp.	10131
4	Bariatric Medicine/ or bariatric*.mp.	11678
5	obesity surger*.mp.	639
6	bariatric surgeries.mp.	197
7	laparoscopic surgery/	66237
8	laparoscopic roux-en-y gastric bypass*.mp.	1238
9	stomach bypass/ or stomach bypass*.mp.	17
10	laparoscopic gastric sleeve*.mp.	25
11	gastric sleeve/ or gastric sleeve*.mp.	120
12	or/1-11	76345
13	complication*.mp.	1108844
14	operative complication*.mp.	9340

15 Postoperative Complications/ or Postoperative Complication*.mp.	327080
16 diabetes mellitus/ or hypoglycemia/	120497
17 Diabetes Mellitus, Type 2/ or diabetes type 2*.mp.	95784
18 Hypoglycemia/ or hypoglycemia*.mp. or Blood Glucose/	160726
19 Patient Admission/ or admission*.mp.	166381
20 Gastroesophageal Reflux/ or Gastroesophageal Reflux*.mp.	27119
21 Cardiovascular Diseases/ or cardiovascular disease*.mp.	187477
22 Vitamin B 12 Deficiency/ or Vitamin B 12 Deficiency*.mp.	5594
23 13 or 14 or 15	1108844
24 17 or 18 or 19 or 20 or 21 or 22	599260
25 12 and 23	28315
26 24 and 25	2045
27 12 and 21	522
28 limit 27 to yr="2009 - 2016"	378
29 16 or 17	210335
30 12 and 29	1435
31 limit 30 to yr="2013 - 2016"	572
32 12 and 20	2362
33 limit 32 to yr="2005 - 2016"	1306
34 12 and 18	653
35 limit 34 to yr="2005 - 2016"	578
36 12 and 22	35
37 limit 36 to yr="2013 - 2016"	13
38 13 or 14 or 15 or 19	1252287
39 12 and 38	28678
40 limit 39 to yr="2013 - 2016"	5756
41 (((random* or control?ed or crossover or cross-over or blind* or mask*) adj3 (trial*1 or study or studies or analy*)) or rct).ti,ab,kw,sh.	482772
42 28 or 31 or 33 or 35 or 37 or 40	7987
43 41 and 42	789
44 limit 42 to (controlled clinical trial or randomized controlled trial)	452
45 43 or 44	941

Embase (170216)

Database(s): **Embase** 1996 to 2016 Week 07

Search Strategy:

#	Searches	Results
1	Bariatric Surgery/ or bariatric*.mp.	24185
2	bariatrics.mp. or Bariatrics/	240
3	Bariatric Surgery/ or bariatric surger*.mp.	22377
4	Bariatric Medicine/ or bariatric*.mp.	24185
5	obesity surger*.mp.	1220
6	bariatric surgeries.mp.	443
7	laparoscopic surgery/	57861
8	laparoscopic roux-en-y gastric bypass*.mp.	2179
9	stomach bypass/ or stomach bypass*.mp.	13233
10	laparoscopic gastric sleeve*.mp.	58
11	gastric sleeve/ or gastric sleeve*.mp.	474
12	or/1-11	84358
13	complication*.mp.	932253
14	operative complication*.mp.	12902
15	Postoperative Complications/ or Postoperative Complication*.mp.	218299
16	diabetes mellitus/ or hypoglycemia/	370756
17	Diabetes Mellitus, Type 2/ or diabetes type 2*.mp.	14857
18	Hypoglycemia/ or hypoglycemia*.mp. or Blood Glucose/	138088
19	Patient Admission/ or admission*.mp.	273120
20	Gastroesophageal Reflux/ or Gastroesophageal Reflux*.mp.	36994
21	Cardiovascular Diseases/ or cardiovascular disease*.mp.	251188
22	Vitamin B 12 Deficiency/ or Vitamin B 12 Deficiency*.mp.	2799
23	13 or 14 or 15	932253
24	17 or 18 or 19 or 20 or 21 or 22	690111
25	12 and 23	31905
26	24 and 25	3108
27	12 and 21	1505

28	limit 27 to yr="2009 - 2016"	1140
29	16 or 17	383253
30	12 and 29	5003
31	limit 30 to yr="2013 - 2016"	2303
32	12 and 20	2907
33	limit 32 to yr="2005 - 2016"	2051
34	12 and 18	1487
35	limit 34 to yr="2005 - 2016"	1389
36	12 and 22	108
37	limit 36 to yr="2013 - 2016"	9
38	13 or 14 or 15 or 19	1166259
39	12 and 38	32770
40	limit 39 to yr="2013 - 2016"	10170
41	((random* or control?ed or crossover or cross-over or blind* or mask*) adj3 (trial*1 or study or studies or analy*)) or rct).ti,ab,kw,sh.	548344
42	28 or 31 or 33 or 35 or 37 or 40	15101
43	41 and 42	1199

PICO 6

Medline (170216)

Database(s): **Ovid MEDLINE(R) In-Process & Other Non-Indexed Citations and Ovid MEDLINE(R)** 1946 to Present

Search Strategy:

#	Searches	Results
1	Bariatric Surgery/ or bariatric*.mp.	11678
2	bariatrics.mp. or Bariatrics/	261
3	Bariatric Surgery/ or bariatric surger*.mp.	10131
4	Bariatric Medicine/ or bariatric*.mp.	11678
5	obesity surger*.mp.	639
6	bariatric surgeries.mp.	197
7	laparoscopic surgery/	66237
8	laparoscopic roux-en-y gastric bypass*.mp.	1238

9	stomach bypass/ or stomach bypass*.mp.	17
10	laparoscopic gastric sleeve*.mp.	25
11	gastric sleeve/ or gastric sleeve*.mp.	120
12	petersons space*.mp.	4
13	mesenteric defect*.mp.	155
14	ante-colic*.mp.	10
15	internal hernia/ or internal hernia*.mp.	1012
16	abdominal pain/ or abdominal pain*.mp.	49663
17	reoperation/ or re-operation*.mp.	72979
18	reoperation/ or reoperation*.mp.	84968
19	hospital admission/ or admission*.mp.	166381
20	mesenteric*.mp.	49915
21	Patient Admission/ or admission*.mp.	166381
22	or/1-11	76345
23	or/12-21	346916
24	22 and 23	7241
25	((((random* or control?ed or crossover or cross-over or blind* or mask*) adj3 (trial*1 or study or studies or analy*)) or rct).ti,ab,kw,sh.	482772
26	24 and 25	494
27	limit 26 to yr="2005 - 2016"	353
28	limit 26 to (controlled clinical trial or randomized controlled trial)	217
29	27 or 28	424

Embase (170216)

Database(s): **Embase** 1996 to 2016 Week 07

Search Strategy:

#	Searches	Results
1	Bariatric Surgery/ or bariatric*.mp.	24185
2	bariatrics.mp. or Bariatrics/	240
3	Bariatric Surgery/ or bariatric surger*.mp.	22377
4	Bariatric Medicine/ or bariatric*.mp.	24185

5	obesity surger*.mp.	1220
6	bariatric surgeries.mp.	443
7	laparoscopic surgery/	57861
8	laparoscopic roux-en-y gastric bypass*.mp.	2179
9	stomach bypass/ or stomach bypass*.mp.	13233
10	laparoscopic gastric sleeve*.mp.	58
11	gastric sleeve/ or gastric sleeve*.mp.	474
12	petersons space*.mp.	14
13	mesenteric defect*.mp.	244
14	ante-colic*.mp.	32
15	internal hernia/ or internal hernia*.mp.	1528
16	abdominal pain/ or abdominal pain*.mp.	118141
17	reoperation/ or re-operation*.mp.	53965
18	reoperation/ or reoperation*.mp.	59008
19	hospital admission/ or admission*.mp.	273120
20	mesenteric*.mp.	40597
21	Patient Admission/ or admission*.mp.	273120
22	or/1-11	84358
23	or/12-21	479336
24	22 and 23	10163
25	((((random* or control?ed or crossover or cross-over or blind* or mask*) adj3 (trial*1 or study or studies or analy*)) or rct).ti,ab,kw,sh.	548344
26	24 and 25	629
27	limit 26 to yr="2005 - 2016"	538
28	limit 26 to (controlled clinical trial or randomized controlled trial)	250
29	27 or 28	583

PICO 7

Medline (170216)

Database(s): **Ovid MEDLINE(R) In-Process & Other Non-Indexed Citations and Ovid MEDLINE(R)** 1946 to Present

Search Strategy:

#	Searches	Results
1	Bariatric Surgery/ or bariatric*.mp.	11678
2	bariatrics.mp. or Bariatrics/	261
3	Bariatric Surgery/ or bariatric surger*.mp.	10131
4	Bariatric Medicine/ or bariatric*.mp.	11678
5	obesity surger*.mp.	639
6	bariatric surgeries.mp.	197
7	laparoscopic surgery/	66237
8	laparoscopic roux-en-y gastric bypass*.mp.	1238
9	stomach bypass/ or stomach bypass*.mp.	17
10	laparoscopic gastric sleeve*.mp.	25
11	gastric sleeve/ or gastric sleeve*.mp.	120
12	or/1-11	76345
13	psychiatric*.mp. or psychiatric diagnosis/	317013
14	depression/ or mental disease/ or anxiety disorder/ or mental disorder*.mp.	266408
15	mood disorder/ or mood disorder*.mp.	21133
16	eating behavior*.mp. or eating disorder/	4673
17	mental disease/ or psychologic assessment/ or psychological assessment*.mp.	1712
18	mental health/ or mental health*.mp.	129849
19	behavior therapy/ or behavioral intervention*.mp.	27984
20	alcohol abuse/	69003
21	drug abuse/ or medicine abuse*.mp.	82217
22	Mental Disorders/ or mental disorder*.mp.	166401
23	"Feeding and Eating Disorders"/ or eating disorder*.mp.	20473
24	Weight Loss/ or weight loss*.mp.	71685
25	Weight Gain/ or weight gain*.mp.	59746
26	Alcoholism/ or alcohol abuse*.mp.	76200

27	13 or 14 or 15 or 16 or 17 or 18 or 19 or 20 or 21 or 22 or 23 or 24 or 25 or 26	772941
28	psychological aspect/ or psychological*.mp.	380282
29	12 and 27 and 28	492
30	((random* or control?ed or crossover or cross-over or blind* or mask*) adj3 (trial*1 or study or studies or analy*)) or rct).ti,ab,kw,sh.	482772
31	29 and 30	21
32	limit 31 to (controlled clinical trial or randomized controlled trial)	5
33	31 or 32	21
34	limit 33 to yr="2005 - 2016"	19

Embase (170216)

Database(s): **Embase** 1996 to 2016 Week 07

Search Strategy:

#	Searches	Results
1	Bariatric Surgery/ or bariatric*.mp.	24185
2	bariatrics.mp. or Bariatrics/	240
3	Bariatric Surgery/ or bariatric surger*.mp.	22377
4	Bariatric Medicine/ or bariatric*.mp.	24185
5	obesity surger*.mp.	1220
6	bariatric surgeries.mp.	443
7	laparoscopic surgery/	57861
8	laparoscopic roux-en-y gastric bypass*.mp.	2179
9	stomach bypass/ or stomach bypass*.mp.	13233
10	laparoscopic gastric sleeve*.mp.	58
11	gastric sleeve/ or gastric sleeve*.mp.	474
12	or/1-11	84358
13	psychiatric*.mp. or psychiatric diagnosis/	162665
14	depression/ or mental disease/ or anxiety disorder/ or mental disorder*.mp.	373488
15	mood disorder/ or mood disorder*.mp.	39395
16	eating behavior*.mp. or eating disorder/	20446

17	mental disease/ or psychologic assessment/ or psychological assessment*.mp.	155799
18	mental health/ or mental health*.mp.	160124
19	behavior therapy/ or behavioral intervention*.mp.	32520
20	alcohol abuse/	19851
21	drug abuse/ or medicine abuse*.mp.	28171
22	Mental Disorders/ or mental disorder*.mp.	61744
23	"Feeding and Eating Disorders"/ or eating disorder*.mp.	27242
24	Weight Loss/ or weight loss*.mp.	122816
25	Weight Gain/ or weight gain*.mp.	82885
26	Alcoholism/ or alcohol abuse*.mp.	79884
27	13 or 14 or 15 or 16 or 17 or 18 or 19 or 20 or 21 or 22 or 23 or 24 or 25 or 26	852063
28	psychological aspect/ or psychological*.mp.	420110
29	12 and 27 and 28	1021
30	((random* or control?ed or crossover or cross-over or blind* or mask*) adj3 (trial*1 or study or studies or analy*)) or rct).ti,ab,kw,sh.	548344
31	29 and 30	34

Psycinfo (170216)

Database(s): **PsycINFO** 1806 to February Week 1 2016

Search Strategy:

#	Searches	Results
1	Bariatric Surgery/ or bariatric*.mp.	1016
2	Bariatric Surgery/ or bariatric surger*.mp.	957
3	Bariatric Medicine/ or bariatric*.mp.	1016
4	obesity surger*.mp.	65
5	bariatric surgeries.mp.	18
6	laparoscopic roux-en-y gastric bypass*.mp.	10
7	gastric sleeve/ or gastric sleeve*.mp.	2
8	psychological aspect/ or psychological*.mp.	323972
9	psychological development/	2988
10	therap*.mp.	456346

11	therapies.mp. or exp Treatment/	651132
12	psychologic assessment/ or psychological assessment*.mp.	12605
13	1 or 2 or 3 or 5 or 6 or 7	1018
14	(psychological* adj3 intervention*).mp. [mp=title, abstract, heading word, table of contents, key concepts, original title, tests & measures]	6247
15	exp Psychology/ or bariatric psychology.mp.	147247
16	exp Aftercare/ or exp Intervention/ or aftercare*.mp.	78783
17	exp Coping Behavior/ or postsurgical support*.mp.	40837
18	8 or 11 or 12 or 14 or 15 or 16 or 17	1082198
19	13 and 18	930
20	((random* or control?ed or crossover or cross-over or blind* or mask*) adj3 (trial*1 or study or studies or analy*)) or rct).ti,ab,id.	71710
21	19 and 20	44

PICO 8

Medline (170216)

Database(s): **Ovid MEDLINE(R) In-Process & Other Non-Indexed Citations and Ovid MEDLINE(R)** 1946 to Present

Search Strategy:

#	Searches	Results
1	Bariatric Surgery/ or bariatric*.mp.	11678
2	bariatrics.mp. or Bariatrics/	261
3	Bariatric Surgery/ or bariatric surger*.mp.	10131
4	Bariatric Medicine/ or bariatric*.mp.	11678
5	obesity surger*.mp.	639
6	bariatric surgeries.mp.	197
7	laparoscopic surgery/	66237
8	laparoscopic roux-en-y gastric bypass*.mp.	1238
9	stomach bypass/ or stomach bypass*.mp.	17
10	laparoscopic gastric sleeve*.mp.	25

11 gastric sleeve/ or gastric sleeve*.mp.	120
12 dual energy X ray absorptiometry/ or DXA-scan*.mp.	18567
13 dxa scanning*.mp.	96
14 dxa scanning*.mp.	148
15 osteoporosis*.mp. or osteoporosis/	68047
16 osteopenia/ or osteopenia*.mp.	11190
17 fracture*.mp. or fracture/	242097
18 bone density/ or bone mineral density*.mp. or bone mineral/	51274
19 bone density*.mp.	55266
20 bone loss*.mp.	27209
21 skeletal health*.mp.	606
22 skeletal change*.mp.	1434
23 or/1-11	76345
24 or/12-22	335232
25 (((random* or control?ed or crossover or cross-over or blind* or mask*) adj3 (trial*1 or study or studies or analy*)) or rct).ti,ab,kw,sh.	482772
26 23 and 24 and 25	14
27 23 and 24	267
28 limit 27 to (controlled clinical trial or randomized controlled trial)	14
29 26 or 28	19

Embase

Database(s): **Embase** 1996 to 2016 Week 07

Search Strategy:

#	Searches	Results
1	Bariatric Surgery/ or bariatric*.mp.	24185
2	bariatrics.mp. or Bariatrics/	240
3	Bariatric Surgery/ or bariatric surger*.mp.	22377
4	Bariatric Medicine/ or bariatric*.mp.	24185
5	obesity surger*.mp.	1220
6	bariatric surgeries.mp.	443

7	laparoscopic surgery/	57861
8	laparoscopic roux-en-y gastric bypass*.mp.	2179
9	stomach bypass/ or stomach bypass*.mp.	13233
10	laparoscopic gastric sleeve*.mp.	58
11	gastric sleeve/ or gastric sleeve*.mp.	474
12	dual energy X ray absorptiometry/ or DXA-scan*.mp.	26041
13	dexa scanning*.mp.	235
14	dxa scanning*.mp.	297
15	osteoporosis*.mp. or osteoporosis/	100491
16	osteopenia/ or osteopenia*.mp.	16005
17	fracture*.mp. or fracture/	213069
18	bone density/ or bone mineral density*.mp. or bone mineral/	70852
19	bone density*.mp.	66515
20	bone loss*.mp.	24844
21	skeletal health*.mp.	830
22	skeletal change*.mp.	944
23	or/1-11	84358
24	or/12-22	321841
25	((((random* or control?ed or crossover or cross-over or blind* or mask*) adj3 (trial*1 or study or studies or analy*)) or rct).ti,ab,kw,sh.	548344
26	23 and 24 and 25	54