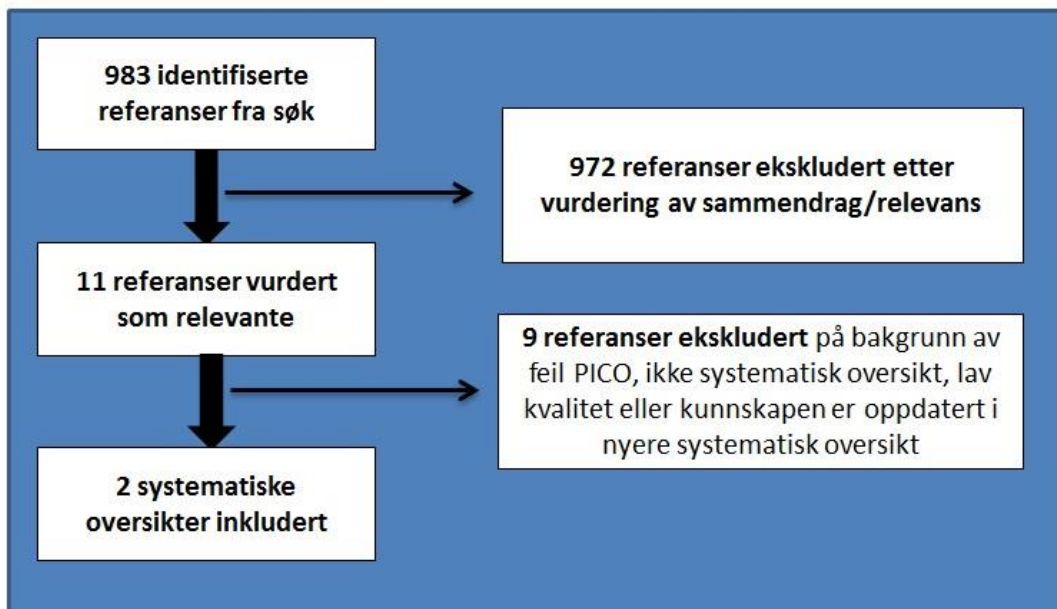


## Flytdiagram og søkestrategi for søk etter systematiske oversikter

Forsknings spørsmål: Gir behandling med legemidler bedre effekt enn «treatment as usual» for personer med spiseforstyrrelse og med påvist redusert bentetthet for å øke bentettheten?

- P – Mennesker med spiseforstyrrelse (AN, BM) og med påvist redusert bentetthet (ostoporose, osteopeni)
- I – Medikamentell behandling (bisfosfonat, hormoner, østrogen, p-piller, raloxifen)
- C – «treatment as usual»
- O – Bedring av bentetthet eller forebygge redusert bentetthet (få tilbake menstruasjonen)

Oppdatert søk ved Helsedirektoratet 2014:



Figur 1. Flytdiagram over søketreff og vurdering av titler, sammendrag og fulltekstartikler.

## Inkluderte systematiske oversikter

**Tabell 1: Systematiske oversikter som er inkludert fra søket ved Helsedirektoratet, og kvaliteten på oversiktene vurdert med sjekkliste.**

Referanse	Søk	Metodisk kvalitet
Mehler PS, MacKenzie TD. (2009). Treatment of osteopenia and osteoporosis in anorexia nervosa: A systematic review of the literature. <i>International Journal of Eating Disorders</i> , 42(3):195-201.	Helsedirektoratet (2014)	Moderat
Vescovi JD, Jamal SA, De Souza MJ. (2008). Strategies to reverse bone loss in women with functional hypothalamic amenorrhea: a systematic review of the literature. <i>Osteoporosis International</i> , 19(4):465-78.	Helsedirektoratet (2014)	Moderat

## Ekskluderte systematiske oversikter

**Tabell 2: Systematiske oversikter som er ekskludert fra søket ved Helsedirektoratet, på bakgrunn av feil PICO, lav kvalitet eller fordi kunnskapen er oppdatert i nyere systematisk oversikt.**

Referanse	Søk
Agras WS, Hagler Robinson A. (2008). Forty years of progress in the treatment of the eating disorders. <i>Nordic Journal of Psychiatry</i> , 62(47):19-24.	Helsedirektoratet (2014)
Helge EW. (2001). Høj praevalens af spiseforstyrrelser i eliteidraet. Forøget risiko for amenorre og praemenopausal osteoporose. <i>Ugeskrift for Laeger</i> , 163(25):3473-5.	Helsedirektoratet (2014)
Liu SL, Lebrun CM. (2006). Effect of oral contraceptives and hormone replacement therapy on bone mineral density in premenopausal and perimenopausal women: A systematic review. <i>British Journal of Sports Medicine</i> , 40(1):11-24.	Helsedirektoratet (2014)
Lock JD, Fitzpatrick KK. (2009). Anorexia nervosa. <i>Clinical Evidence</i> 2009.	Helsedirektoratet (2014)
Miller S, McNutt L, McCann MA, McCorry N. (2014). Use of corticosteroids for anorexia in palliative medicine: a systematic review (Provisional abstract). <i>Journal of Palliative Medicine</i> , 17(4):482-5.	Helsedirektoratet (2014)
Misra M. (2008). What is the best strategy to combat low bone mineral density in functional hypothalamic amenorrhea? <i>Nature Clinical Practice Endocrinology and Metabolism</i> , 4(10):542-3.	Helsedirektoratet (2014)
Sim LA, McGovern L, Elamin MB, Swiglo BA, Erwin PJ, Montori VM. (2010). Effect on bone health of estrogen preparations in premenopausal women with anorexia nervosa: a systematic review and meta-analyses. <i>International Journal of Eating Disorders</i> , 43(3):218-25.	Helsedirektoratet (2014)
Ward L, Tricco A, Phuong P-N, Cranney A, Barrowman N, Gaboury I, et al. (2007). Bisphosphonate therapy for children and adolescents with secondary osteoporosis. <i>Cochrane Database of Systematic Reviews</i> (4).	Helsedirektoratet (2014)
Zou H, Peng ZL. (2007). Development in understanding of menstrual disorder in female athletes. [Chinese]. <i>Journal of Clinical Rehabilitative Tissue Engineering Research</i> , 11(30):6073-5.	Helsedirektoratet (2014)

## Søkestrategi

### SPISEFORSTYRRELSER

**Kontaktperson:** Kari Aanjesen Dahle

**Søk:** Astrid Nøstberg

**Kommentar:** Oppdateringssøk av søk utført juni 2010. Her avgrenset til kun systematiske oversikter

**Tidsbruk:** 26 timer

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

**Dato:** 10.11.2014

**Antall treff:** 462

#	Searches	Results
1	Eating Disorders/	11252
2	Anorexia Nervosa/	11056
3	Binge-Eating Disorder/	589
4	Bulimia Nervosa/	1769
5	((appetite or eating) adj2 disorder?).tw.	13233
6	(((anorexia or bulimia) adj2 (nervosa or nevrosa)) or anorexic or bulimic).tw.	14460
7	(binging or (binge adj1 eating) or bingeeating or overeat\$ or (compulsive adj2 (eat\$ or vomit\$)) or (food\$ adj2 (bing\$ or aversion\$)) or (self?induc\$ adj2 vomit\$) or (restrict\$ adj2 eat\$) or hyperrexia or polyphagia).tw.	6804
8	or/1-7	32525
9	(2000* or 2001* or 2002* or 2003* or 2004* or 2005* or 2006* or 2007* or 2008* or 2009* or 2010* or 2011* or 2012* or 2013* or 2014* or 2015*).ed,ep,yr,dp,dc.	13052471
10	8 and 9	19680
11	limit 10 to "reviews (maximizes specificity)"	462

**Database:** Embase 1974 to 2014 November 06

**Dato:** 04.11.2014

**Antall treff:** 384

#	Searches	Results
1	eating disorder/	16146
2	anorexia nervosa/	15968
3	binge eating disorder/	4010
4	bulimia/	11019
5	food aversion/	278
6	appetite disorder/	2920
7	((appetite or eating) adj2 disorder?).tw.	16710
8	((anorexia or bulimia) adj2 (nervosa or nevrosa)) or anorexic or bulimic).tw.	17689
9	(binging or (binge adj1 eating) or bingeeating or overeat\$ or (compulsive adj2 (eat\$ or vomit\$)) or (food\$ adj2 (bing\$ or aversion\$)) or (self?induc\$ adj2 vomit\$) or (restrict\$ adj2 eat\$) or hyperrexia or polyphagia).tw.	8080
10	or/1-9	45682
11	(2000* or 2001* or 2002* or 2003* or 2004* or 2005* or 2006* or 2007* or 2008* or 2009* or 2010* or 2011* or 2012* or 2013* or 2014* or 2015*).yr,em,dd,dp.	15178435
12	10 and 11	30821
13	limit 12 to "reviews (maximizes specificity)"	435
14	limit 13 to embase	384

**Database:** PsycINFO 1806 to November Week 1 2014

**Dato:** 10.11.2014

**Antall treff:** 568

#	Searches	Results
1	Eating Disorders/	11825
2	Anorexia Nervosa/	8976
3	Binge Eating Disorder/	973
4	Bulimia/	6751
5	"Purging (Eating Disorders)"/	344
6	Binge Eating/	2254
7	((appetite or eating) adj2 disorder?).tw.	18680
8	(((anorexia or bulimia) adj2 (nervosa or nevrosa)) or anorexic or bulimic).tw.	15004
9	(binging or (binge adj1 eating) or bingeeating or overeat\$ or (compulsive adj2 (eat\$ or vomit\$)) or (food\$ adj2 (bing\$ or aversion\$)) or (self?induc\$ adj2 vomit\$) or (restrict\$ adj2 eat\$) or hyperrexia or polyphagia).tw.	6526
10	or/1-9	31222
11	(2000* or 2001* or 2002* or 2003* or 2004* or 2005* or 2006* or 2007* or 2008* or 2009* or 2010* or 2011* or 2012* or 2013* or 2014* or 2015*).dp,yr,up.	2155349
12	10 and 11	19794
13	limit 12 to "reviews (maximizes specificity)"	568

**Database:** Cochrane Issue 11 of 12, November 2014, Other Reviews (DARE) Issue 4 of 4, October 2014, Methods Studies Issue 3 of 4, July 2012, Technology Assessments Issue 4 of 4, October 2014, Economic Evaluations Issue 4 of 4, October 2014

**Dato:** 09.12.2013

**Antall treff:** 115 (Cochrane Reviews: 14, Other Reviews: 61, Methods Studies: 13, Technology Assessments: 16, Economic Evaluations: 11)

ID	Search	Hits
#1	MeSH descriptor <b>Eating Disorders</b> , this term only	364
#2	MeSH descriptor <b>Anorexia Nervosa</b> , this term only	308
#3	MeSH descriptor <b>Binge-Eating Disorder</b> , this term only	58
#4	MeSH descriptor <b>Bulimia Nervosa</b> , this term only	156
#5	((appetite or eating) near/2 disorder?):ti,ab,kw	773
#6	(((anorexia or bulimia) near/2 (nervosa or nevrosa)) or anorexic or bulimic):ti,ab,kw	1159
#7	(binging or (binge near/1 eating) or bingeeating or overeat* or (compulsive near/2 (eat* or vomit*)) or (food* near/2 (bing* or aversion*)) or (self?induc* near/2 vomit*) or (restrict* near/2 eat*) or hyperrexia or polyphagia):ti,ab,kw	661
#8	(#1 OR #2 OR #3 OR #4 OR #5 OR #6 OR #7)	2088
#9	#8 Publication Year from 2000	1381
#10	#9 in Cochrane Reviews (Reviews and Protocols), Other Reviews, Methods Studies, Technology Assessments and Economic Evaluations	115

Database: EBSCO Cinahl

Dato: 06.11.2014

Antall treff: 7

#	Query	Results
S4	(MH "Eating Disorders"# or #MH "Anorexia Nervosa"# or #MH "Bulimia Nervosa"# or #MH "Food Aversions"# or TI appetite N2 disorder? or AB appetite N2 disorder? or TI eating N2 disorder? or AB eating N2 disorder? or TI anorexia N2 nervosa or AB anorexia N2 nervosa or TI anorexia N2 nevrosa or AB anorexia N2 nevrosa or TI bulimia N2 nervosa or AB bulimia N2 nervosa or TI bulimia N2 nevrosa or AB bulimia N2 nevrosa or TI anorexic or AB anorexic or TI bulimic or AB bulimic or TI binging or AB binging or TI binge N1 eating or AB binge N1 eating or TI bingeeating or AB bingeeating or TI overeat* or AB overeat* or TI compulsive N2 eat* or AB compulsive N2 eat* or TI compulsive N2 vomit* or AB compulsive N2 vomit* or TI food* N2 bing* or AB food* N2 bing* or TI food* N2 aversion or AB food* N2 aversion or TI self#induc* N2 vomit* or AB self#induc* N2 vomit* or TI restrict* N2 eat* or AB restrict* N2 eat* or TI hyperrexia or AB hyperrexia or TI polyphagia or AB polyphagia Limiters - Clinical Queries: Review - High Specificity; Exclude MEDLINE records; Published Date: 20000101-20141231	7

S3	<p>(MH "Eating Disorders"# or #MH "Anorexia Nervosa"# or #MH "Bulimia Nervosa"# or #MH "Food Aversions"# or T1 appetite N2 disorder? or AB appetite N2 disorder? or T1 eating N2 disorder? or AB eating N2 disorder? or T1 anorexia N2 nervosa or AB anorexia N2 nervosa or T1 anorexia N2 nevrosa or AB anorexia N2 nevrosa or T1 bulimia N2 nervosa or AB bulimia N2 nervosa or T1 bulimia N2 nevrosa or AB bulimia N2 nevrosa or T1 anorexic or AB anorexic or T1 bulimic or AB bulimic or T1 bingeing or AB bingeing or T1 binge N1 eating or AB binge N1 eating or T1 bingeeating or AB bingeeating or T1 overeat* or AB overeat* or T1 compulsive N2 eat* or AB compulsive N2 eat* or T1 compulsive N2 vomit* or AB compulsive N2 vomit* or T1 food* N2 binge* or AB food* N2 binge* or T1 food* N2 aversion or AB food* N2 aversion or T1 self#induc* N2 vomit* or AB self#induc* N2 vomit* or T1 restrict* N2 eat* or AB restrict* N2 eat* or T1 hyperrexia or AB hyperrexia or T1 polyphagia or AB polyphagia</p> <p>Limiters - Clinical Queries: Review - High Specificity; Published Date: 20000101-20141231</p>	100
S2	<p>(MH "Eating Disorders"# or #MH "Anorexia Nervosa"# or #MH "Bulimia Nervosa"# or #MH "Food Aversions"# or T1 appetite N2 disorder? or AB appetite N2 disorder? or T1 eating N2 disorder? or AB eating N2 disorder? or T1 anorexia N2 nervosa or AB anorexia N2 nervosa or T1 anorexia N2 nevrosa or AB anorexia N2 nevrosa or T1 bulimia N2 nervosa or AB bulimia N2 nervosa or T1 bulimia N2 nevrosa or AB bulimia N2 nevrosa or T1 anorexic or AB anorexic or T1 bulimic or AB bulimic or T1 bingeing or AB bingeing or T1 binge N1 eating or AB binge N1 eating or T1 bingeeating or AB bingeeating or T1 overeat* or AB overeat* or T1 compulsive N2 eat* or AB compulsive N2 eat* or T1 compulsive N2 vomit* or AB compulsive N2 vomit* or T1 food* N2 binge* or AB food* N2 binge* or T1 food* N2 aversion or AB food* N2 aversion or T1 self#induc* N2 vomit* or AB self#induc* N2 vomit* or T1 restrict* N2 eat* or AB restrict* N2 eat* or T1 hyperrexia or AB hyperrexia or T1 polyphagia or AB polyphagia</p> <p>Limiters - Published Date: 20000101-20141231</p>	7,151
S1	<p>(MH "Eating Disorders"# or #MH "Anorexia Nervosa"# or #MH "Bulimia Nervosa"# or #MH "Food Aversions"# or T1 appetite N2 disorder? or AB appetite N2 disorder? or T1 eating N2 disorder? or AB eating N2 disorder? or T1 anorexia N2 nervosa or AB anorexia N2 nervosa or T1 anorexia N2 nevrosa or AB anorexia N2 nevrosa or T1 bulimia N2 nervosa or AB bulimia N2 nervosa or T1 bulimia N2 nevrosa or AB bulimia N2 nevrosa or T1 anorexic or AB anorexic or T1 bulimic or AB bulimic or T1 bingeing or AB bingeing or T1 binge N1 eating or AB binge N1 eating or T1 bingeeating or AB bingeeating or T1 overeat* or AB overeat* or T1 compulsive N2 eat* or AB compulsive N2 eat* or T1 compulsive N2 vomit* or AB compulsive N2 vomit* or T1 food* N2 binge* or AB food* N2 binge* or T1 food* N2 aversion or AB food* N2 aversion or T1 self#induc* N2 vomit* or AB self#induc* N2 vomit* or T1 restrict* N2 eat* or AB restrict* N2 eat* or T1 hyperrexia or AB hyperrexia or T1 polyphagia or AB polyphagia</p>	8,470

**Database:** Svemed+

**Dato:** 10.11.14

**Antall treff:** 206

**Kommentar:** Ikke avgrenset til systematiske oversikter

	<b>Nr Söksträng</b>	<b>Antal träffar</b>
1	noexp:"Eating Disorders"	183
2	noexp:"Anorexia Nervosa"	139
3	noexp:"Binge-Eating Disorder"	2
4	noexp:"Bulimia Nervosa"	24
5	"appetite disorder*" OR "eating disorder*" OR "anorexia nervosa" OR "bulimia nervosa" OR anorexic OR bulimic OR binging OR "binge eating" OR bingeeating OR overeat* OR "compulsive eat*" OR "compulsive vomit*" OR "food bing*" OR "food aversion*" OR "self induced vomit*" OR "restricted eat*" OR "restricive eat*" OR hyperrexia OR polyphagia	333
6	#1 OR #2 OR #3 OR #4 OR #5	333
7	#1 OR #2 OR #3 OR #4 OR #5 AND year:[2000 TO 2014]	206