

Documentation of literature search

Documentation on the literature search for: identifying validated self-report screening questionnaires for identifying disordered types of eating in children and adolescents with overweight or obesity.

The following databases were searched:

Database	Number of retrieved references
MEDLINE (Ovid):	635
Embase (Ovid):	802
APA PsycInfo (Ovid):	287
Cochrane Systematic reviews:	0
Cochrane Central Register of Controlled Trials:	117

All searches were done 20 June 2024 by Gunn Kleven, senior librarian, University of Oslo, Library of Medicine and Science

Search syntax:

Ovid-databases	
exp/	Exploded index term
/	After an index term indicates a subject heading were selected.
.tw,kf.	Search for a term in title, abstract and author keywords
.kw.	= keyword heading
*	At the end of a term indicates that this term has been truncated, diet* retrieves both diet, diets, dietary.
Adj3	Search for two terms next to each other, in any order, up to 3 words in between.
Cochrane Library	
ti,ab,kw	Search for word in title, abstract or keyword
NEAR/3	Search for two terms next to each other, in any order, up to 3 words in between.

Ovid MEDLINE(R) ALL 1946 to June 19, 2024

#	Searches	Results
1	overweight/ or obesity/ or obesity hypoventilation syndrome/ or obesity, abdominal/ or obesity, metabolically benign/ or obesity, morbid/ or adiposity/	278069
2	(overweight* or over weight* or high weight or obes* or adipos* or excessive weight).ti,ab,kf.	521755
3	(high adj2 (body mass index or bmi)).ti,ab,kf.	10516
4	(large* body or large* bodies).ti,ab,kf.	12649
5	or/1-4	585534
6	adolescent/ or child/ or child, preschool/ or Pediatrics/	3465076
7	(child* or schoolchild* or toddler* or adolescen* or youngster* or young person* or youth or youths or teen or teens or teenager* or pre teen or preteen* or juvenil* or boy or boys or girl or girls or pediat* or paediat*).ti,ab,kf.	2406015
8	or/6-7	4234990
9	(and/5,8) or Pediatric Obesity/	120937
10	"feeding and eating disorders"/ or binge-eating disorder/ or bulimia nervosa/ or "feeding and eating disorders of childhood"/ or food addiction/ or hyperphagia/ or bulimia/ or Anorexia Nervosa/ or Anorexia/	46120
11	((((eating or appetite or feeding or food intake) adj2 disorder*) or (binge adj2 eating) or binging or binge frequenc* or overeat* or over eat* or food related impuls* or bulimi* or (self induc* adj2 vomit*) or (purging adj1 disorder*) or hyperrexia or food addiction* or hyperphagia or polyphagia* or excessive hunger or (anorexia adj2 (nervosa or nevrosa)) or anorexic or eating in the absence of hunger).ti,ab,kf.	54475
12	((emotion* or external or stress or uncontroll* or loss of control or LOC or disordered or addictive or compulsive or secret* or disturbed or intuitive) adj2 eat*).ti,ab,kf.	9885
13	or/10-12	68524
14	and/9,13	4945
15	exp "Surveys and Questionnaires"/ or Interviews as Topic/	1299111
16	Psychometrics/	91730
17	(questionnaire* or instrument or instruments or scale or scales or survey or surveys or checklist* or tool or tools or measure or measurement* or assessment* or observation forms or psychometric* or inventory or screening or screen or self report* or parent report* or patient* report* or examination or identify).ti,ab,kf.	7972759

18	or/15-17	8391329
19	and/14,18	2989
20	exp "reproducibility of results"/	481664
21	"sensitivity and specificity"/ or "predictive value of tests"/	562745
22	validation studies as topic/ or validation study.pt.	112907
23	exp Diagnostic Errors/	123338
24	(verif* or reproducib* or roc or reliab* or repeat* or eval* or predict* or responsiveness or sensitive or sensitivity or specificity or accurate or accuracy or gold standard or index test* or efficacy or odds or error* or suitability or utility or pretest or pre-test or posttest or post-test or likelihood or likelihood or cutoff or (false and (positive or negative)) or (reference and (test* or standard*))).ti,hw,kf.	4005076
25	valid*.ti,ab,kf.	1092226
26	or/20-25	4740726
27	and/19,26	673
28	limit 27 to (yr="1994 - Current" and (danish or english or norwegian or swedish))	635

Embase Classic+Embase 1947 to 2024 June 19

Search Strategy:

#	Searches	Results
1	exp obesity/	718574
2	(overweight* or over weight* or high weight or obes* or adipos* or excess* weight).ti,ab,kf.	780413
3	(high adj2 (body mass index or bmi)).ti,ab,kf.	16950
4	(large* body or large* bodies).ti,ab,kf.	14922
5	or/1-4	990505
6	child/ or preschool child/ or school child/ or toddler/ or adolescent/ or juvenile/ or pediatrics/	3826602
7	(child* or schoolchild* or toddler* or adolescen* or youngster* or young person* or youth or youths or teen or teens or teenager* or pre teen or preteen* or juvenil* or boy or boys or girl or girls or kid or kids or pediat* or paediat*).ti,ab,kf.	3295162
8	or/6-7	4812814
9	(and/5,8) or adolescent obesity/ or childhood obesity/	168028
10	eating disorder/ or binge eating disorder/ or bulimia/ or emotional eating/ or food addiction/ or purging disorder/ or hyperphagia/ or anorexia nervosa/ or night eating syndrome/ or sleep eating/	73723

11	((((eating or appetite or feeding or food intake) adj2 disorder*) or (binge adj2 eating) or binging or binge frequenc* or overeat* or over eat* or overnutrition or overfeed* or (excess* adj1 (feeding or dietary)) or food related impuls* or bulimi* or (self induc* adj2 vomit*) or (purging adj1 disorder*) or hyperrexia or food addiction* or hyperphagia or polyphagia* or excessive hunger or (anorexia adj2 (nervosa or nevrosa)) or anorexic or eating in the absence of hunger).ti,ab,kf.	79081
12	((emotion* or external or stress or uncontroll* or loss of control or LOC or disordered or addictive or compulsive or secret* or disturbed or intuitive) adj2 eat*).ti,ab,kf.	12575
13	or/10-12	100383
14	and/9,13	7986
15	(exp animal/ or exp animal model/ or nonhuman/) not exp human/	8150146
16	self report/ or exp health survey/ or psychometry/	515776
17	questionnaire/ or open ended questionnaire/ or structured questionnaire/ or exp interview/	1317730
18	(questionnaire* or instrument or instruments or scale or scales or survey or surveys or checklist* or tool or tools or measure or measurement* or assessment* or observation forms or psychometric* or inventory or screening or screen or self report* or parent report* or patient* report* or examination or identify).ti,ab,kf.	10835078
19	or/16-18	11217058
20	and/14,19	4478
21	eating disorder assessment/ or child eating behavior questionnaire/ or dutch eating behavior questionnaire/ or eating attitudes test/ or eating disorder diagnostic scale/ or exp eating disorder examination interview/ or exp eating disorder inventory/ or scoff questionnaire/ or three-factor-eating-questionnaire/ or yale brown cornell eating disorder scale/ or yale food addiction scale/	4927
22	and/9,21	585
23	nutritional assessment/	42861
24	and/14,23	159
25	or/20,22,24	4665
26	"sensitivity and specificity"/ or reference value/ or predictive value/ or receiver operating characteristic/ or measurement precision/ or reproducibility/ or validation study/ or exp reliability/	1386799
27	exp diagnostic error/	138472
28	exp measurement accuracy/	64417
29	diagnostic accuracy/ or diagnostic test accuracy study/	494521
30	"quality assessment of diagnostic accuracy studies"/	2423

31	(verif* or reproducib* or roc or reliab* or repeat* or eval* or predict* or responsiveness or sensitive or sensitivity or specificity or accurate or accuracy or gold standard or index test* or efficacy or odds or error* or suitability or utility or pretest or pre-test or posttest or post-test or likelihood or likelihood or cutoff or (false and (positive or negative)) or (reference and (test* or standard*))) .ti,hw,kf.	6802368
32	valid* .ti,ab,kf.	1513727
33	or/26-32	7795144
34	and/25,33	1104
35	limit 34 to ((danish or english or norwegian or swedish) and yr="1994 -Current")	1053
36	limit 35 to (conference abstract or conference paper or "conference review" or editorial or letter or note)	249
37	35 not 36	804
38	(exp animal/ or exp animal model/ or nonhuman/) not exp human/	8150146
39	37 not 38	802

APA PsycInfo 1806 to June Week 2 2024

#	Searches	Results
1	overweight/ or obesity/	31691
2	(overweight* or over weight* or high weight or obes* or adipos* or excessive weight).ti,ab.	54241
3	(high adj2 (body mass index or bmi)).ti,ab.	948
4	(large* body or large* bodies).ti,ab.	5281
5	or/1-4	61635
6	pediatrics/	33387
7	(child* or schoolchild* or toddler* or adolescen* or youngster* or young person* or youth or youths or teen or teens or teenager* or pre teen or preteen* or juvenil* or boy or boys or girl or girls or pediat* or paediat*).mp.	1310844
8	and/6-7	33387
9	limit 5 to (160 preschool age or 180 school age or 200 adolescence)	13814
10	or/8-9	46128
11	eating disorders/ or binge eating disorder/ or bulimia/ or hyperphagia/ or "purging (eating disorders)"/ or food addiction/ or binge eating/ or anorexia nervosa/ or emotional eating/	38741

12	((eating or appetite or feeding or food intake) adj2 disorder*) or (binge adj2 eating) or binging or binge frequenc* or overeat* or over eat* or food related impuls* or bulimi* or (self induc* adj2 vomit*) or (purging adj1 disorder*) or hyperrexia or food addiction* or hyperphagia or polyphagia* or excessive hunger or (anorexia adj2 (nervosa or nevrosa)) or anorexic or eating in the absence of hunger).ti,ab.	48511
13	((emotion* or external or stress or uncontroll* or loss of control or LOC or disordered or addictive or compulsive or secret* or disturbed or intuitive) adj2 eat*).ti,ab.	10002
14	or/11-13	52216
15	and/10,14	2114
16	limit 15 to (dissertation or editorial or interview or letter or poetry)	124
17	exp questionnaires/ or exp surveys/ or exp interviews/ or exp interviewing/ or rating scales/	90197
18	self-report/ or parent report/ or psychometrics/	98544
19	(questionnaire* or instrument or instruments or scale or scales or survey or surveys or checklist* or tool or tools or measure or measurement* or assessment* or observation forms or psychometric* or inventory or screening or screen or self report* or parent report* or patient* report* or examination or identify).ti,ab.	1961154
20	or/17-19	1980329
21	and/15,20	1284
22	"error of measurement"/ or external validity/ or internal validity/ or exp test reliability/ or test sensitivity/ or test specificity/ or exp test validity/	122994
23	(verif* or reproducib* or roc or reliab* or repeat* or eval* or predict* or responsiveness or sensitive or sensitivity or specificity or accurate or accuracy or gold standard or index test* or efficacy or odds or error* or suitability or utility or pretest or pre-test or posttest or post-test or likelihood or likelihood or cutoff or (false and (positive or negative)) or (reference and (test* or standard*))).ti,hw,id,mh,tm.	639710
24	valid*.mp.	321950
25	or/22-24	838492
26	and/21,25	310
27	limit 26 to ((danish or english or norwegian or swedish) and yr="1994 -Current")	287

The Cochrane Library:

ID	Search	Hits
#1	MeSH descriptor: [Overweight] explode all trees	25077
#2	MeSH descriptor: [Adiposity] explode all trees	1125
#3	((overweight* or "over weight" or "high weight" or obes* or adipos* or "excessive weight")):ti,ab,kw	66286
#4	(high near/2 ("body mass index" or bmi))	574
#5	((large* next (body or bodies))):ti,ab,kw	448
#6	{OR #1-#5}	67079
#7	MeSH descriptor: [Adolescent] explode all trees	137144
#8	MeSH descriptor: [Child] explode all trees	82092
#9	MeSH descriptor: [Pediatrics] explode all trees	1047
#10	((child* or schoolchild* or toddler* or adolescen* or youngster* or "young person" or "young persons" or youth or youths or teen or teens or teenager* or "pre teen" or preteen* or juvenil* or boy or boys or girl or girls or pediat* or paediat*)):ti,ab,kw	331812
#11	{OR #7-#10}	331874
#12	#6 and #11	14051
#13	MeSH descriptor: [Pediatric Obesity] explode all trees	2167
#14	#12 or #13	14051
#15	MeSH descriptor: [Feeding and Eating Disorders] explode all trees	2506
#16	(((((eating or appetite or feeding or "food intake") near/2 disorder*) or (binge near/2 eating) or binging or "binge frequency" or overeat* or "over eating" or "food related impulsivity" or bulimi* or (self induc* near/2 vomit*) or (purging near/1 disorder*) or hyperrexia or "food addiction" or "food addictions" or hyperphagia or polyphagia* or "excessive hunger" or (anorexia near/2 (nervosa or nevrosa)) or anorexic or "eating in the absence of hunger"))):ti,ab,kw	6827
#17	((((emotion* or external or stress or uncontroll* or "loss of control" or LOC or disordered or addictive or compulsive or secret* or disturbed or intuitive) near/2 eat*)):ti,ab,kw	1249
#18	{OR #15-#17}	7298
#19	#14 and #18	657
#20	MeSH descriptor: [Surveys and Questionnaires] explode all trees	77853
#21	MeSH descriptor: [Interviews as Topic] explode all trees	2522
#22	MeSH descriptor: [Psychometrics] explode all trees	3954
#23	((questionnaire* or instrument or instruments or scale or scales or survey or surveys or checklist* or tool or tools or measure or measurement* or assessment* or "observation forms" or psychometric* or inventory or screening or screen or ((self or parent* or patient*) near/1 report*) or examination or identify)):ti,ab,kw	918410
#24	{OR #20-#23}	930074
#25	#19 and #24	450
#26	MeSH descriptor: [Reproducibility of Results] explode all trees	16592
#27	MeSH descriptor: [Sensitivity and Specificity] explode all trees	21822
#28	MeSH descriptor: [Validation Studies as Topic] explode all trees	54
#29	MeSH descriptor: [Validation Study] explode all trees	0
#30	MeSH descriptor: [Diagnostic Errors] explode all trees	3878

#31	((verif* or reproducib* or roc or reliab* or repeat* or eval* or predict* or responsiveness or sensitive or sensitivity or specificity or accurate or accuracy or "gold standard" or "index test" or "index tests" or efficacy or odds or error* or suitability or utility or pretest or "pre-test" or posttest or "post-test" or likelihood or likelihood or cutoff or (false and (positive or negative)) or (reference and (test* or standard*)))):ti	296845
#32	((verif* or reproducib* or roc or reliab* or repeat* or eval* or predict* or responsiveness or sensitive or sensitivity or specificity or accurate or accuracy or "gold standard" or "index test" or "index tests" or efficacy or odds or error* or suitability or utility or pretest or "pre-test" or posttest or "post-test" or likelihood or likelihood or cutoff or (false and (positive or negative)) or (reference and (test* or standard*)))):kw	234208
#33	(valid*):ti,ab,kw	72500
#34	{OR #26-#33}	516443
#35	#25 and #34 with Cochrane Library publication date Between Jan 1994 and Jun 2024	117